TA21

Los Alamos National Laboratory/University of California
Risk Reduction & Environmental Stewardship (RRES)
Remediation (R) Program, MS M992
Los Alamos, New Mexico 87545
(505) 667-0808/FAX (505) 665-4747

National Nuclear Security Administration.
Los Alamos Site Operations, MS A316
Environmental Restoration Program
Los Alamos, New Mexico 87544
(505) 667-7203/FAX (505) 665-4504

Date: March 31, 2003
Refer to: ER2003-0255

MAR 2003

Mr. John Young, Corrective Action Project Leader
Permits Management Program
NMED – Hazardous Waste Bureau
2905 Rodeo Park Drive East
Building 1
Santa Fe, NM 87505-6303

SUBJECT: SUBMITTAL OF THE INTERIM ACTION (IA) COMPLETION REPORT FOR SOLID WASTE MANAGEMENT UNIT (SWMU) 21-024(i) AT TECHNICAL AREA (TA) 21

Dear Mr. Young:

Enclosed please find the Certification and two copies of the "*Interim Action Completion Report for Solid Waste Management Unit 21-024(i) at Technical Area 21*". All analytical data for the IA Completion Report is provided as an appendix to the report. Additional copies are available upon request.

If you have any questions, please contact John Hopkins at (505) 667-9551 or Woody Woodworth at (505) 667-5820.

Sincerely,

for David McInroy, Acting Program Manager
Remediation Program
Los Alamos National Laboratory

Sincerely,

Everett Trollinger, Project Manager
Department of Energy
Los Alamos Site Operations

DM/ET/PB/vn

Enclosures: 1) IA Completion Report for SWMU 21-024(i) at TA-21
2) Certification

Cy:(w/enc)
P. Bertino, RRES-R, MS M992
B. Coel-Roback, RRES-R, MS M992
N. Quintana, RRES-R, MS M992
M. Wetovsky, RRES-R, MS M992
D. Gregory, LASO, MS A316
W. Woodworth, LASO, MS A316
L. King, EPA Region 6
RRES-R File, MS M992
IM-5, MS A150
RPF MS M707

Cy:(w/o enclosure)
D. McInroy, RRES-R, MS M992
B. Ramsey, RRES-DO, MS J591
J. Bearzi, NMED-HWB
J. Davis, NMED-SWB
J. Parker, NMED-OB
S. Yanicak, NMED-OB

CERTIFICATION

CERTIFICATION BY THE ENVIRONMENTAL RESTORATION (ER) PROJECT TECHNICAL REPRESENTATIVES

Document Title: **SUBMITTAL OF THE INTERIM ACTION (IA) COMPLETION REPORT FOR SOLID WASTE MANAGEMENT UNIT (SWMU) 21-024(i) AT TECHNICAL AREA (TA) 21**

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.

Name: for _____ Date: 3/31/03
David McInroy, Acting Program Manager
Remediation Program
Los Alamos National Laboratory

or

_____ Date: _____
Beverly A. Ramsey, Division Leader
Risk Reduction and Environmental Stewardship Division
Los Alamos National Laboratory

_____ Date: 3-31-03
Everett Trollinger, Project Manager
Environmental Restoration Program
Department Of Energy/Los Alamos Site Office

or

_____ Date: _____
Herman LeDoux,
Assistant Area Manager of
Environmental Projects
Department Of Energy/Los Alamos Site Office

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Remediation Program

RRES

LA-UR-03-1546
ER2003-0180
March 2003

Interim Action Completion Report for Solid Waste Management Unit 21-024(i) at Technical Area 21

Los Alamos
NATIONAL LABORATORY
Los Alamos NM 87545

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This document contains data regarding radioactive wastes, the management of which is regulated under the Atomic Energy Act and specifically excluded from regulation under the Resource Conservation and Recovery Act and the New Mexico Hazardous Waste Act. These data are provided to the New Mexico Environment Department for information purposes only.

Prepared by the Risk Reduction and Environmental Stewardship–Remediation Program

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EXECUTIVE SUMMARY

This interim action (IA) completion report addresses the characterization and remediation of Solid Waste Management Unit (SWMU) 21-024(i) in Technical Area (TA) 21 at Los Alamos National Laboratory (the Laboratory). SWMU 21-024(i) is listed in Module VIII of the Laboratory's Hazardous Waste Facility Permit.

SWMU 21-024(i) is a former septic system that served Delta Prime (DP) East, one of the historical research facilities at TA-21. The septic system received effluent from sanitary facilities in Building 21-152, a research laboratory, and floor drains in Buildings 21-166 and -167, which housed air conditioning equipment. The septic system received wastes from 1945 to 1964.

The septic system consisted of a reinforced concrete septic tank (Structure 21-181), 6-in. vitrified clay pipe (VCP) inlet and outlet lines, and an associated outfall. A topographic bench, located approximately 50 ft below the outfall and 350 ft above the bottom of Los Alamos Canyon, was included as part of the SWMU because it likely received effluent from the outfall.

Remediation activities at SWMU 21-024(i) included excavation of contaminated soils from the outfall area, conducted in 1998, and removal of the septic system, conducted in 2001. The recent removal action involved characterization and removal of the septic tank contents, removal of the tank and outlet line, and removal of the inlet line from the tank to the fence of the Tritium Study Test Assembly (TSTA) facility. Characterization activities at SWMU 21-024(i) included collection and analysis of soil, tuff, and fill samples from around the septic tank and lines, the outfall, and the topographic bench below the outfall. These characterization activities took place between 1988 and 2002.

The site and surrounding area have been the location of industrial activities at TA-21 since the 1940s. Although there is evidence of contaminant releases to the environment from the septic system, other chemicals detected at the site are not consistent with the conceptual site model, based on septic tank contents and potential release mechanisms. These chemicals, which are present well below screening action levels (SALs), appear to be the result of industrial activities historically conducted at TA-21. There is no potential unacceptable human health or ecological risk from any of the residual contaminants detected at SWMU 21-024(i), regardless of source. Therefore, no further action (NFA) is recommended 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 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 projected future land use (NMED 1998, 57897).

Table ES-1
Summary of Proposed Actions

SWMU Number	SWMU Description	HSWA [a,b]	Radionuclide Component	Proposed Action	Rationale for Recommendation	Section Number
21-024(i)	Septic system	Yes	Yes	Criterion 5	The COPCs[c] present at SWMU 21-024(i) do not pose a potential unacceptable human health or ecological risk under projected future land use.	2.0

[a] HSWA = Hazardous and Solid Waste Amendments.
[b] Is the site listed in Module VIII of the Laboratory's Hazardous Waste Facility Permit?
[c] Chemicals of potential concern.

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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 43 square miles 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 from west to east. Mesa tops range in elevation between approximately 6200 and 7800 ft. The eastern portion of the plateau stands 300–900 ft above the Rio Grande.

The Laboratory's Risk Reduction and Environmental Stewardship Division–Remediation (RRES-R) Program, formerly the Environmental Restoration (ER) Project, is involved in a national DOE effort to clean up facilities that had been involved in weapons production. The goal of the RRES-R Program is to ensure that DOE's past operations at the Laboratory do not threaten human or environmental health and safety. To achieve that goal, the RRES-R Program is investigating and remediating sites that may be contaminated as a result of past Laboratory operations.

This interim action (IA) completion report addresses the characterization and remediation of Solid Waste Management Unit (SWMU) 21-024(i), which was a septic system located in Technical Area (TA) 21 at the Laboratory (Figure 1.0-1). SWMU 21-024(i) is listed in Module VIII of the Laboratory's Hazardous Waste Facility Permit (EPA 1990, 1585; EPA 1994, 44146).

This 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. Radionuclide contamination is regulated under DOE Order 5400.5, "Radiation Protection of the Public and the Environment." SWMU 21-024(i) has both hazardous and radioactive components. The draft Installation Work Plan (IWP) (LANL 2000, 66802) describes the methodologies used in this corrective action.

The objectives of this IA were to

- characterize, remove, and dispose of the waste remaining in the septic tank;
- remove and dispose of the inactive septic system following RRES-R Program best management practices;
- determine the nature and extent of any contamination associated with the tank, inlet and outlet lines, and the outfall; and
- assess the potential human health and ecological risks remaining at the site after completion of the IA.

Section 2.0 of this report presents the site description and operational history, remedial activities, analytical results for samples, and the results of human health and ecological risk assessments. Section 3.0 describes site waste management activities. References are listed in Section 4.0. Appendix A contains a list of acronyms and a glossary of terms. Appendix B describes the site's operational and environmental setting. Appendix C includes the complete data quality assurance/quality control results. Appendix D provides the analytical data for the investigation/remediation. Appendix E addresses statistical analyses. Appendix F addresses risk and dose screenings. Appendix G includes the cost comparison of estimated versus actual costs to complete the SWMU 21-024(i) IA. Appendix H contains the IA plan. Appendix I contains photographs of IA activities. Appendix J contains relevant communication records with the New Mexico Environment Department (NMED).

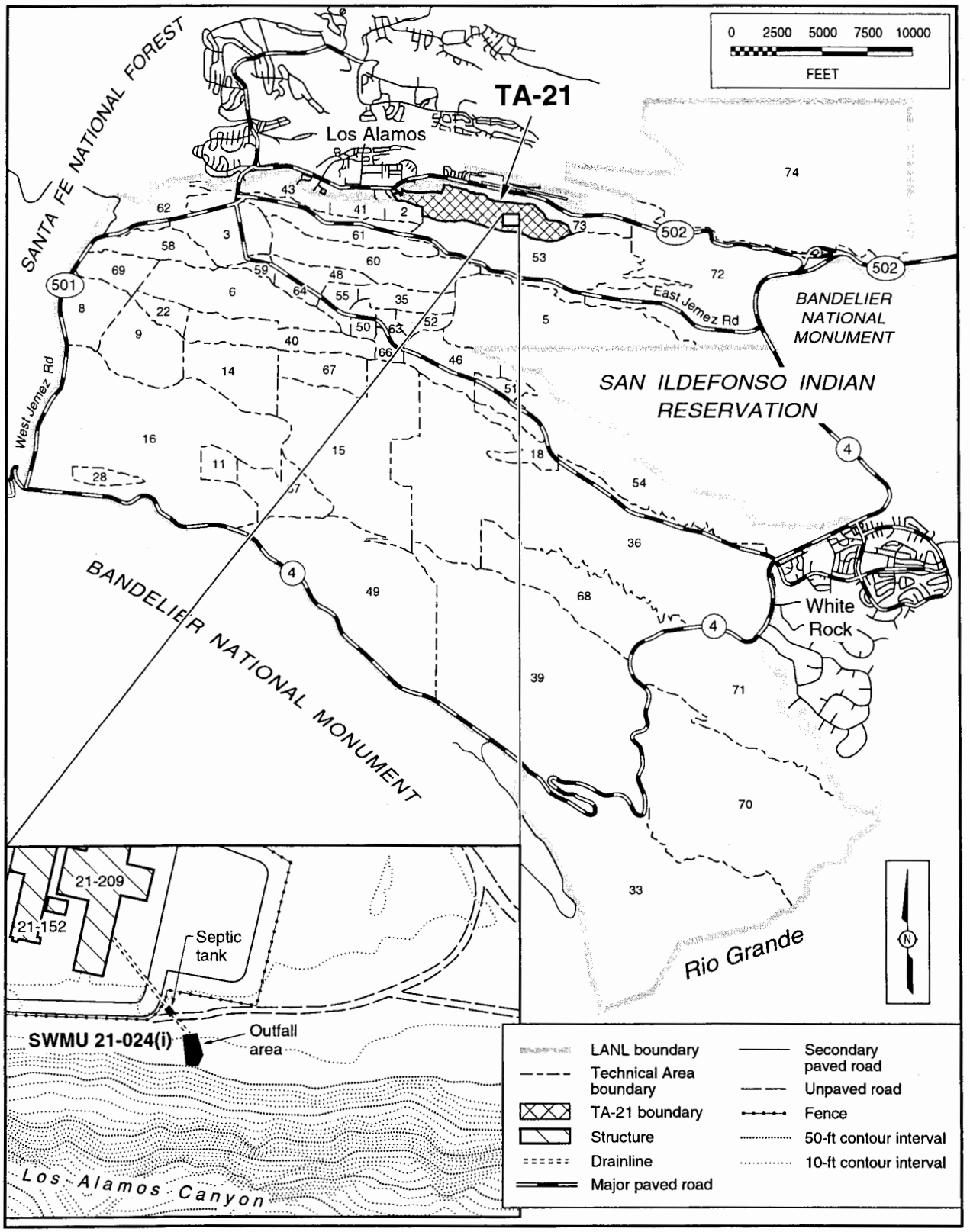

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Figure 1.0-1. Location of TA-21 and SWMU 21-024(i) with respect to other Laboratory TAs and surrounding land holdings

2.0 INACTIVE SEPTIC SYSTEM SWMU 21-024(i)

2.1 Summary

The initial purpose of the IA at SWMU 21-024(i), as outlined in the approved 1998 IA plan (LANL 1998, 58901) (see Appendix H) was to characterize and dispose of the septic tank contents, remove the septic system, and excavate contaminated soil within the outfall area, thereby removing the source term and stabilizing the site. However, during implementation of IA activities in 2001 and 2002, it became apparent that this IA could serve as a final remedy at SWMU 21-024(i), based on available site data and future land use. This site is located on DOE property, and will remain under DOE control for the foreseeable future. Current and future land use will remain industrial. Once the source term was removed and nature and extent of residual contamination was defined, potential risk to human health and the environment was assessed. The results of these risk assessments (Section 2.5.1) show that SWMU 21-024(i) does not pose a potential unacceptable risk to human health or the environment.

2.2 Site Description and Operational History

2.2.1 Site Description

SWMU 21-024(i) is a former septic system located at the east end of TA-21, which is situated on Delta Prime (DP) Mesa on the northern Laboratory boundary immediately east-southeast of the Los Alamos townsite (Figure 1.0-1). The septic tank (Structure 21-181) is located immediately southeast of the former research facility known as DP East. DP East consists of Buildings 21-152, -155, and -209, as well as a number of smaller structures.

The septic system consisted of a 5-ft- x 10-ft- x 7.75-ft-deep reinforced concrete septic tank, 6-in. vitrified clay pipe (VCP) inlet and outlet lines, and associated outfall. A topographic bench, located approximately 50 ft below the outfall and 350 ft above the bottom of Los Alamos Canyon, was included as part of the SWMU because it likely received effluent from the outfall. For investigation and data assessment purposes, SWMU 21-024(i) was divided into three areas (Figure 2.2-1):

- Area 1, the septic tank and associated inlet and outlet lines on the mesa top
- Area 2, the outfall area on the mesa top between the septic tank outlet line and the mesa edge
- Area 3, the topographic bench below the mesa top

There are no other SWMUs or Areas of Concern (AOCs) immediately adjacent to SWMU 21-024(i).

2.2.2 Operational History

TA-21 was used primarily for plutonium research, metals production, and related activities from 1945 to 1978. Since 1978, administrative and laboratory work have been conducted at TA-21. Chemicals historically used at TA-21 include radionuclides, organic compounds, and inorganic chemicals.

The septic system operated from 1945 until 1964 and received sanitary sewage from Building 21-152 and floor drain effluent from ancillary equipment buildings 21-166 and -167. Buildings 21-166 and -167 housed air conditioning equipment for Building 21-152. Building 21-152 housed a research laboratory with activities related to the space nuclear program, plutonium heat sources, and other weapons and non-weapons programs. Engineering drawings confirm that Building 21-152 had no floor drains (Francis 1999, 63035). A sanitary sewer line connected lavatories in Building 21-152 directly to the septic tank. Laboratory sinks in Building 21-152 were on a separate drain system that discharged wastewater directly into material disposal area (MDA) U at TA-21.

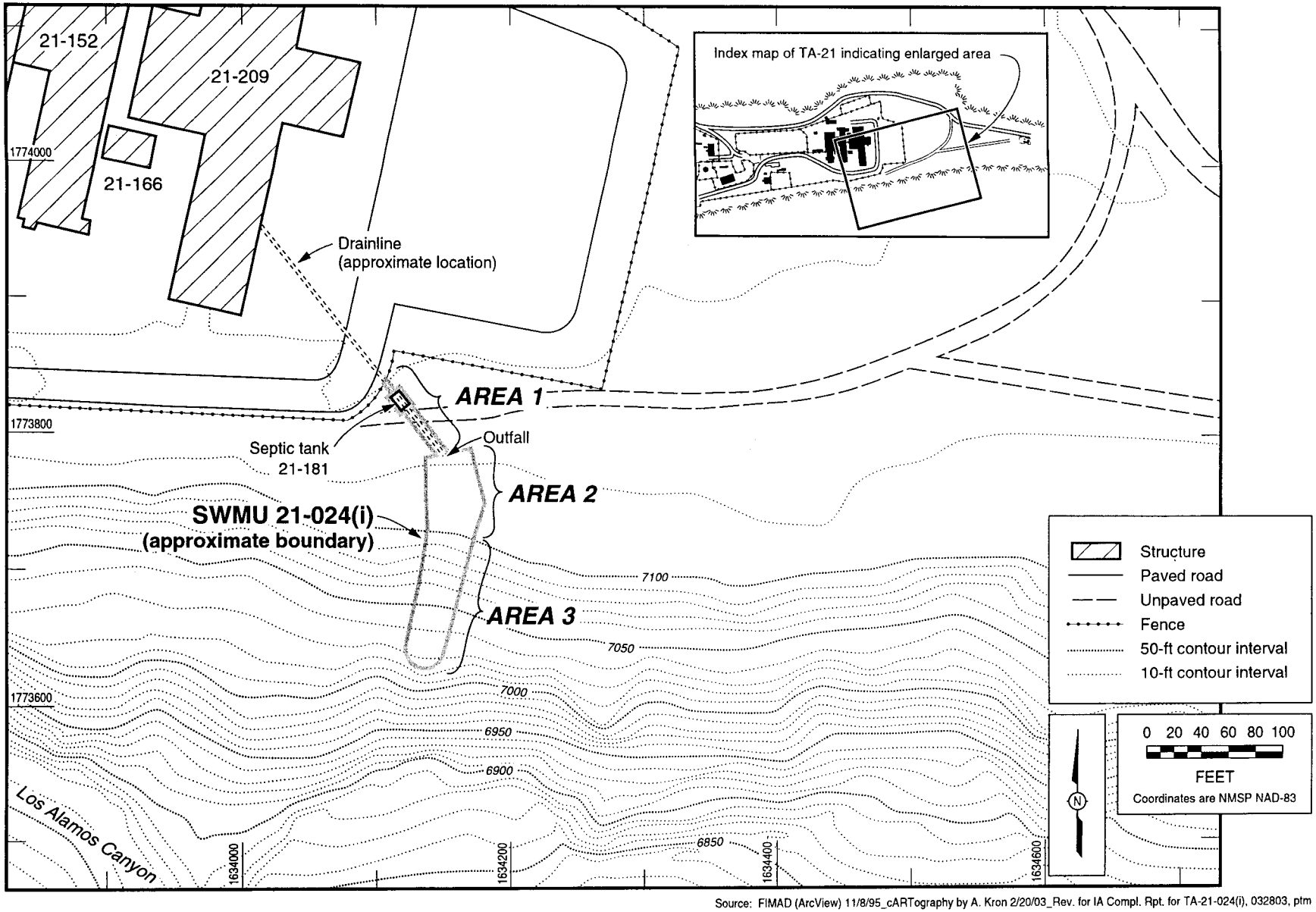

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Figure 2.2-1. SWMU 21-024(i) site map

Effluent to the septic system was routed southeast via the inlet line, through the septic tank and outlet line, to an outfall southeast of Building 21-152. It was then discharged through a 6-in. VCP pipe onto a broad gentle slope approximately 60 ft from the south edge of DP Mesa (Figure 2.2-1).

The septic system was deactivated sometime during 1964 to make way for the construction of Building 21-209. Construction of this building, which has a basement, required the removal of the inlet line in the building footprint, as shown in Figure 2.2-1. The remainder of the inlet line, the tank and its contents, and the outlet line were left in place following deactivation.

2.3 Previous Activities

2.3.1 Previous Investigation and Remediation Activities

Investigations at SWMU 21-024(i) began in 1988 as part of a Laboratory-wide reconnaissance aimed at identifying SWMUs. Once the septic system was identified as a SWMU, the nature and extent of contamination had to be determined. To characterize site contamination, Phase I RCRA Facility Investigation (RFI) sampling was conducted in 1992 and 1993 and Phase II RFI sampling was conducted in 1997. Based on the Phase II RFI results, a voluntary corrective action (VCA) was proposed to remove the septic system and a portion of the radiologically contaminated soil. However, the removal action would not have resulted in a final remedy because ecological risk-assessment methodology had not been finalized. Therefore, an IA was identified as the best option for the site (LANL 1998, 59439). The IA was only partially completed in 1998 because a waste disposal option was not identified for the tank contents. The following sections provide more detail on the previous investigation and remediation activities (1988 through 1998) at SMWU 21-024(i).

Additional IA and characterization activities were conducted in 2001 and 2002. These efforts are described in Section 2.4.1. With the exception of samples collected from subsequently excavated locations, data from both the previous and current investigations are included in the data review and screening assessment sections (Sections 2.4.2 and 2.5.1, respectively) and Appendix D.

2.3.1.1 1988 Reconnaissance Sampling

SWMU 21-024(i) was first investigated in 1988 when one reconnaissance sample was collected from 0 to 0.5 ft below ground surface (bgs) at the end of the outlet line in Area 2 (Figure 2.3-1) (DOE 1989, 08818). The sample was analyzed for target analyte list (TAL) metals, volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), pesticides/polychlorinated biphenyls (PCBs), and radionuclides. The analytical results for this sample were presented in the TA-21 Operable Unit Work Plan (LANL 1991, 07529). Although several analyte concentrations exceeded current Laboratory background values (BVs) (LANL 1998, 59730), arsenic was the only analyte to exceed its screening action level (SAL). The result for tritium was reported as 13000 pCi/mL and, without moisture data, cannot be converted to units of pCi/g for SAL comparison. Although moisture data is not available, an assumption of ten percent moisture results in a sample value of 1444 pCi/g tritium ([13000 pCi/mL x 10] / [100-10]), which exceeds the tritium SAL of 890 pCi/g.

The location of the 1988 reconnaissance sample was excavated during the1998 IA. Therefore, the analytical results for this sample are no longer representative of site conditions and are not evaluated further.

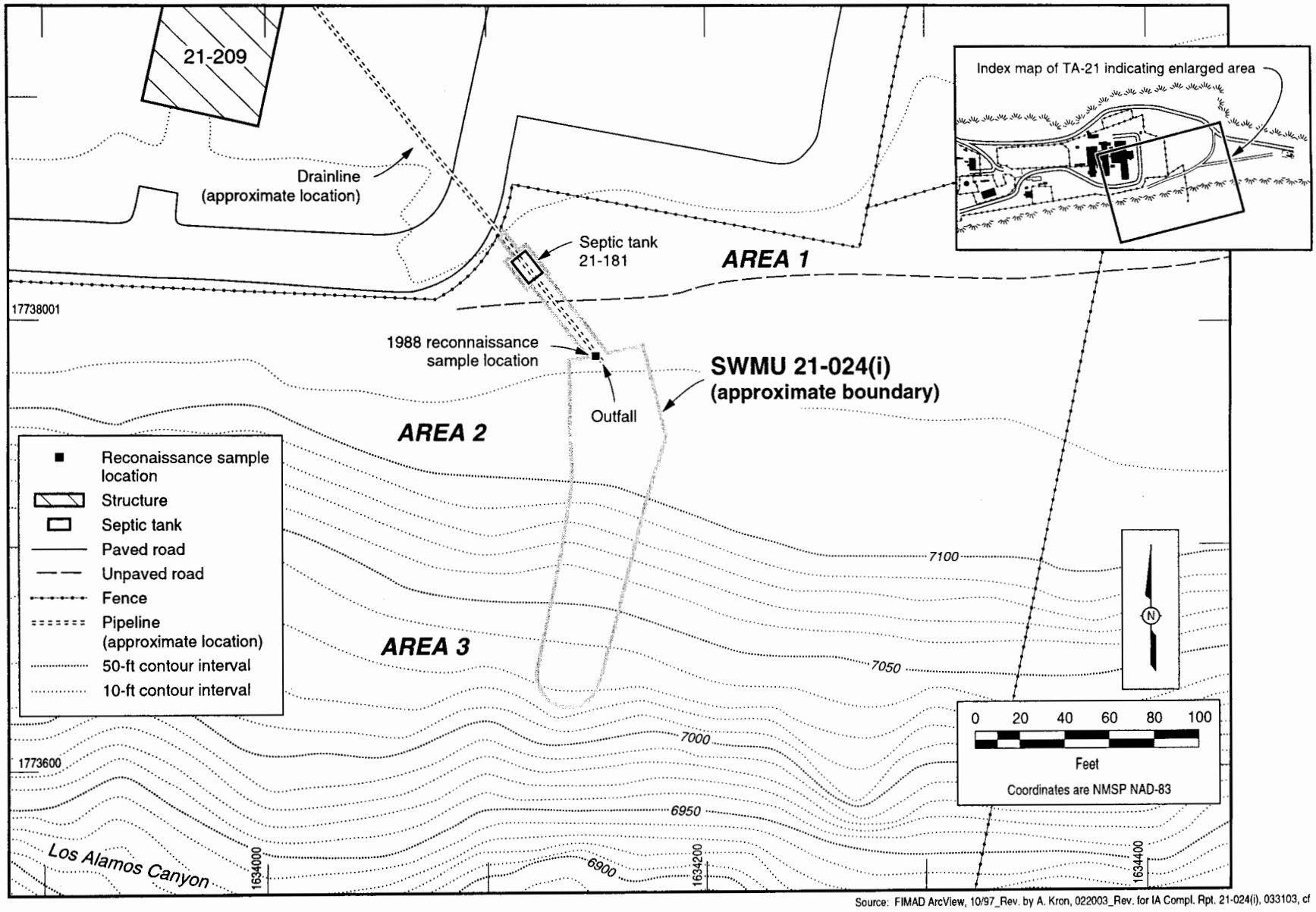

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Figure 2.3-1. 1988 reconnaissance sample location

2.3.1.2 Phase I RFI

A Phase I RFI was carried out in 1992 and 1993 in accordance with the TA-21 RFI work plan (LANL 1991, 07529). During this investigation, surface and near-surface samples were collected from Area 2 and a borehole was drilled and sampled in Area 1. The 1992 and 1993 Phase I RFI activities were discussed in the Addendum to the Operable Unit 1106 Phase 1B and 1C Report (LANL 1994, 52350), and are summarized below.

In 1992, a radiological field survey was conducted and soil samples were collected from two depths (0–0.5 and 0.5–1 ft) at each of three Area 2 locations (21-01395, -01396 and -01397) (Figure 2.3-2). These samples were analyzed for metals, SVOCs, VOCs, gamma spectroscopy, tritium, isotopic plutonium, isotopic thorium, and strontium-90. Arsenic was consistently detected above its BV and SAL in the 1992 Phase I RFI samples. The maximum result for tritium was reported as 4200 pCi/mL and, without moisture data, cannot be converted to units of pCi/g for SAL comparison. Although moisture data is not available, an assumption of ten percent moisture results in a sample value of 467 pCi/g tritium ([4200 pCi/mL x 10] / [100-10]), which does not exceed the tritium SAL of 890 pCi/g. No other analytes exceeded SALs in the 1992 Phase I RFI samples.

Because the 1992 samples locations fall within the area excavated during the 1998 IA and the analytical data for these samples do not represent current site conditions, they are not reviewed or evaluated further in this report. They are presented in the Addendum to the Operable Unit 1106 Phase 1B and 1C Report (LANL 1994, 52350).

In 1993, a more detailed radiation survey was conducted using gross alpha, low-energy gamma, gross beta/gamma, and gamma scintillation instruments. Approximately 40 measurements were made in and around the outfall drainage channel in Areas 2 and 3. The results of the radiation survey indicated that elevated levels of alpha-emitting radionuclides were present in the drainage channel downgradient from the SWMU 21-024(i) outfall. These results were used to identify eight sample locations (21-01599 through -01606), biased to areas of elevated radioactivity to confirm the lateral extent of contamination (Figure 2.3-3). A total of 14 surface and near-surface samples were collected from these locations and analyzed for americium-241, gamma spectroscopy, tritium, isotopic plutonium, isotopic uranium, and strontium-90. The majority of the 1993 Area 2 sample locations fall within the area excavated during the 1998 IA. Therefore, with the exception of deeper samples from locations 21-01604, -01605, and -01606, the data are not evaluated in Sections 2.4.2 or 2.5.1. These data are, however, important to the nature and extent discussion (Section 2.4.3.1) because the results from the excavated samples are necessary to show a decreasing trend with depth in Area 2. Table 2.3-1 summarizes the analytical results for the surface and near-surface samples collected from Area 2 in 1993.

The septic tank location was surveyed and a borehole was drilled in Area 1, southeast of the septic tank (location ID 21-01672), to determine if there had been a release from the tank (Figure 2.3-3). Samples were collected at 5-ft intervals to a depth of 20 ft and analyzed for TAL metals, VOCs, SVOCs, americium-241, gamma spectroscopy, tritium, isotopic plutonium, isotopic uranium, and strontium-90. Tritium was the only analyte measured at concentrations exceeding its SAL in samples from location 21-01672. Because no removal actions have taken place in the vicinity of this borehole, data from this location are representative of current site conditions. Therefore, these data are evaluated in Sections 2.4.2 and 2.5.1 and are not presented here.

The risk screening evaluation presented in the Addendum to the Operable Unit 1106 Phase 1B and 1C Report (LANL 1994, 52350) indicated a potential for an additive human health effect. As a result, a Phase II RFI was conducted at SWMU 21-024(i) in 1997.

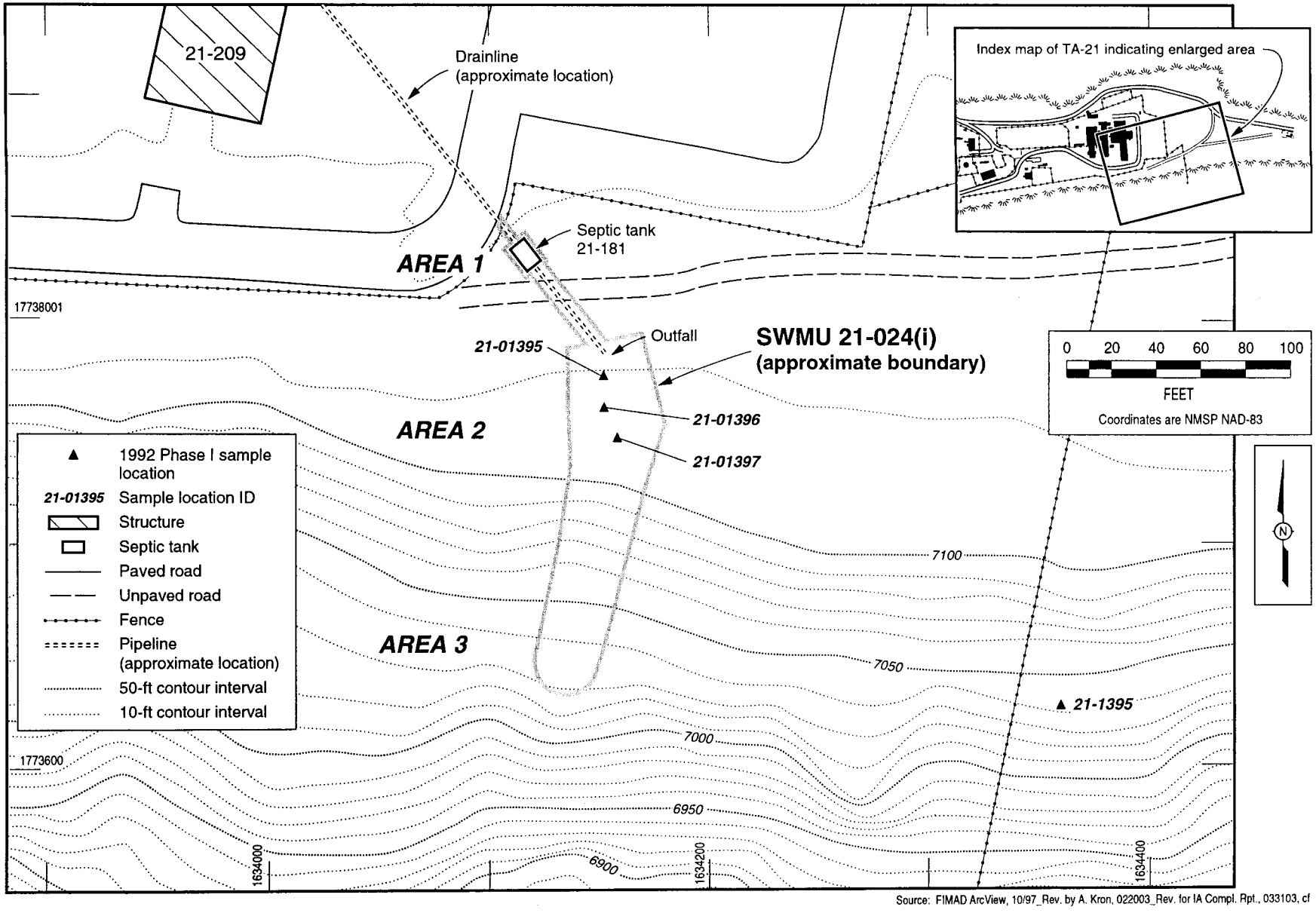

Figure 2.3-2. 1992 Phase I sampling locations

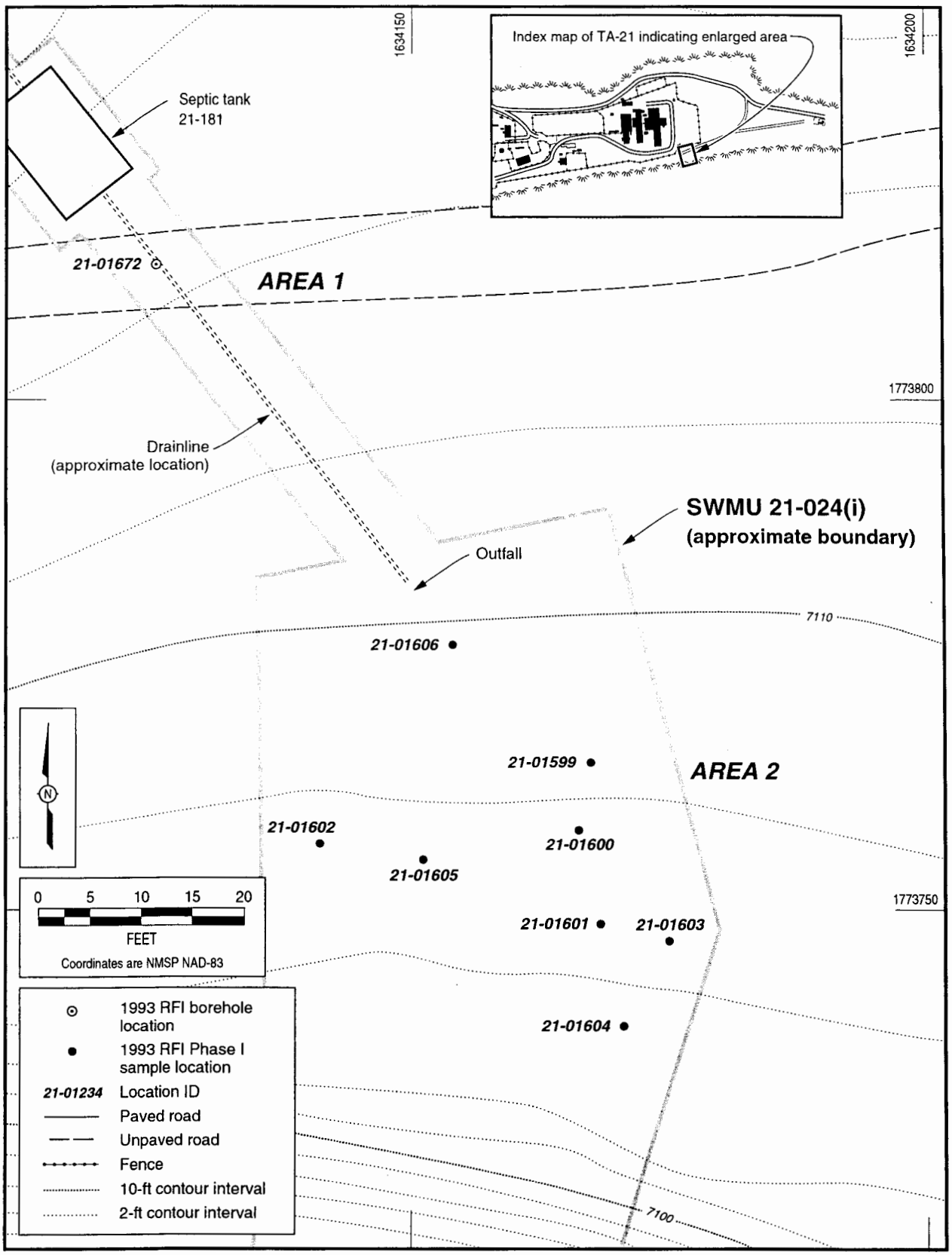

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Figure 2.3-3. 1993 Phase I sampling locations

Table 2.3-1
Analytical Results of Detected Radionuclides above Background for Phase I RFI Samples from SWMU 21-024(i)
(all results in units of pCi/g)

Sample ID	Location ID	Depth (ft)	Media	Americium-241	Cesium-137	Plutonium-238	Plutonium-239	Strontium-90	Tritium	Uranium-234	Uranium-235	Uranium-238
Soil and Fill BV[a]				**0.013**	**1.65**	**0.023**	**0.054**	**1.31**	**N/A[b]**	**2.59**	**0.2**	**2.29**
AAA4025	21-01599	0.00-0.50	Soil	0.066	—[c]	—	0.641	—	533	9.67	0.31	4.86
AAA4026	21-01600	0.00-0.50	Soil	0.098	—	0.024	2.572	—	170	10.34	0.42	5.72
AAA4027	21-01601	0.00-0.50	Soil	—	—	—	1.681	—	41.9	9.96	0.39	5.3
AAA4028	21-01602	0.00-0.50	Soil	0.045	—	—	0.311	—	0.265	—	—	—
AAA4029	21-01603	0.00-0.50	Soil	0.052	—	—	1.061	—	3.96	4.78	0.21	2.91
AAA4031	21-01604	0.00-0.50	Soil	0.024	—	—	0.198	—	0.248	—	—	—
AAA4032	21-01604	0.50-1.00	Soil	0.028	—	—	0.317	—	0.341	—	—	—
AAA4033	21-01604	1.00-2.17	Soil	0.015	—	—	0.217	—	0.815	—	—	—
AAA4034	21-01605	0.00-0.50	Soil	0.162	2.26	0.032	1.602	—	889	35.425	1.37	13.024
AAA4035	21-01605	0.50-1.00	Soil	0.04	—	0.008	0.581	—	75.9	8.996	0.356	3.889
AAA4037	21-01605	1.00-1.50	Soil	0.009	—	—	0.231	—	10.7	—	—	—
AAA4038	21-01606	0.00-0.50	Soil	0.335	—	0.058	9.687	—	677	47.93	1.91	23.03
AAA4039	21-01606	0.50-1.00	Soil	0.18	—	0.043	8.572	—	39.2	12.06	0.399	5.832
AAA4040	21-01606	1.00-1.50	Soil	0.09	—	0.024	3.684	0.23	30.9	13.038	0.445	6.005

[a] BV = background value.

[b] Although there is a soil BV for tritium (0.76 pCi/mL), it is not used for comparisons in this data set. Not enough information is available to convert all of the earlier tritium results to the correct units for BV comparisons.

[c] — = Result does not exceed BV.

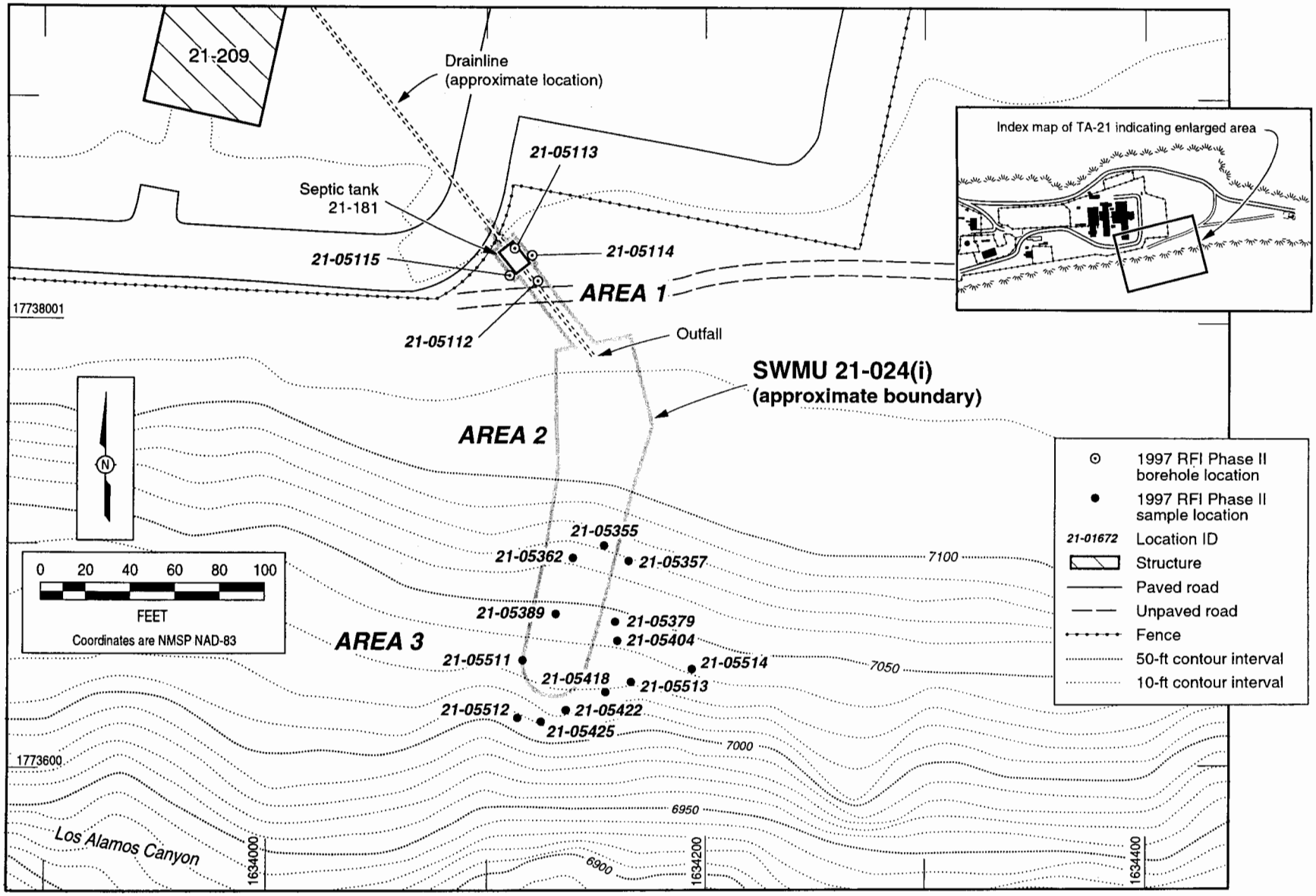
2.3.1.3 1997 Phase II RFI

Because the results from the Phase I RFI indicated the potential for a human health effect from SWMU 21-024(i), Phase II RFI activities were conducted in 1997. During the Phase II RFI, the top of the tank was removed and a sludge sample was collected for waste characterization purposes. The characterization results indicated the septic tank contained radionuclides and potentially hazardous and toxic chemicals. Analytical results for the sludge are included in Appendix D.

Four boreholes were drilled, one on each side of the tank, to determine if any releases had occurred (Figure 2.3-4). Samples were collected from 7 to 9 ft bgs at locations 21-05112 and -05113, and from 8 to 10 ft bgs at locations 21-05114 and -05115. These sample depths were chosen to coincide with the bottom of the septic tank. The borehole samples were analyzed for TAL metals, VOCs, SVOCs, gamma spectroscopy, tritium, isotopic plutonium, isotopic uranium, and isotopic thorium. Tritium was detected once above its SAL in the sample from location 21-05112, which was collected near the outlet of the tank. Analytical data for these samples are included in the data review and screening assessment sections (Sections 2.4.2 and 2.5.1).

A radiological survey was conducted over the entire mesa top outfall area and the bench (Areas 2 and 3) using a field instrument for the detection of low-energy radiation (FIDLER). The results of the radiological survey were used in conjunction with visual inspection to identify areas most likely impacted by the outfall. Sample locations were then chosen based on this information. Samples collected in Area 2 were used for waste characterization purposes only.

Thirteen samples were collected from Area 3 during the 1997 Phase II RFI (location IDs 21-05355, -05357, -05362, -05379, -05389, -05404, -05418, -05422, -05425, and -05511 through -05514) (Figure 2.3-4). Nine of the samples were analyzed for TAL metals, gamma spectroscopy, tritium, isotopic thorium, and isotopic uranium. Samples from locations 21-05511 through -05514 were analyzed for TAL metals only. Samples were collected from 0–0.5 ft and 0.5–1 ft bgs at all nine locations. Deeper samples were collected where soil development was sufficient. All sample results were less than SALs, with the exception of one arsenic result (21 mg/kg vs. 0.39 mg/kg). The analytical results for these samples are reviewed and assessed in Sections 2.4.2 and 2.5.1.



Source: FIMAD (ArcView) 10/97_Rev. by A. Kron 022103_Rev. for IA Compl. Rpt. for TA-21-024(i), 033103, cf

Figure 2.3-4. 1997 Phase II sample locations

2.3.1.4 1998 Interim Action

Based on the Phase II RFI results, which indicated that the tank contained sludge with radioactive and hazardous chemicals and that elevated levels of radioactive contaminants were present in soils from Area 2, it was determined that a removal action was appropriate for the site. An IA plan (LANL 1998, 58901) was prepared and submitted to NMED in August 1998 (see Appendix H). The IA plan called for removal of 20 to 30 ft of inlet line, the septic tank and its contents, the outlet line, and any soil showing elevated radioactivity in Area 1. It also called for the removal of contaminated soil from the outfall area (Area 2). The IA plan specified that confirmation samples be collected from four locations within the footprint of the septic tank and from random grid locations within Area 2. Additional investigation was proposed for Area 3, the topographic bench below the outfall, following the IA.

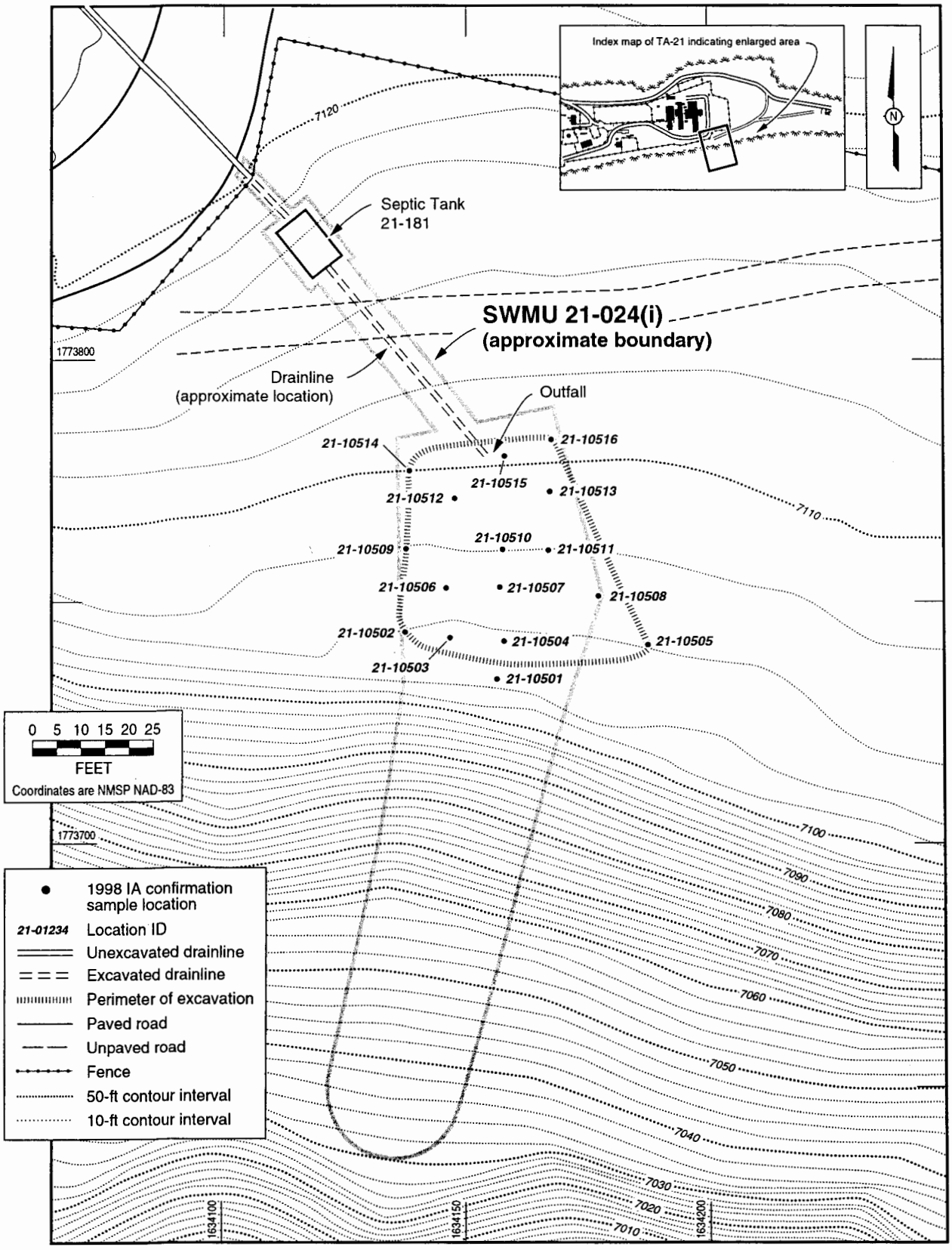
Although the IA plan was approved following a Request for Supplemental Information (RSI) from NMED and a formal response from the Laboratory (LANL 1998, 59439) (Appendix J), a suitable disposal alternative was not identified for the septic tank contents. Therefore, the IA activities conducted in September and October 1998 were limited to the soil removal action and confirmation sampling in Area 2.

Before beginning excavation activities at the site on August 27, 1998, five soil samples were collected from the outfall area (Area 2) and submitted for VOC analyses for preliminary waste characterization purposes. No VOCs were detected in any of these samples.

The removal action in Area 2 consisted of excavating an 8 to 10 in. lift of soil and tuff from an area of approximately 2000 ft^2 (Figure 2.3-5). After removal of the initial lift, a radiation survey was conducted using a 2- x 2-in. sodium iodide (NaI) detector. Radiation levels were reduced from the initial range of 2800 to 6800 counts per minute (cpm) to a range of 3000 to 4000 cpm. Isolated areas of remaining contamination were subsequently excavated on September 30, 1998. On October 6, 1998, a survey of the area indicated the radiation levels after excavation ranged from 2810 to 3390 cpm. These measurements fell within the range of local background measured for this survey (2650 to 3389 cpm).

To confirm that target radiation levels were met, 16 surface samples (0–0.5 in.) were collected from within the excavation footprint of Area 2 (Figure 2.3-5). These sample locations were randomly selected from a sample grid established on 10-ft centers over a 40- x 40-ft area. Location ID numbers were 21-10501 through 21-10516. Tuff samples (Qbt3) were collected at nine locations (21-10501, -10504, -10506, -10507, -10510, -10511, -10512, -10513, and -10515). The other seven sample locations were biased to collect fracture fill material (described as soil) where fractures occurred near grid points. The offset from a grid point to nearby fractures averaged a distance of about one foot. At location 21-10503, the entire sample volume was collected from a visible fracture. The 16 post-excavation confirmation samples and one duplicate were analyzed for TAL metals, PCBs/pesticides, SVOCs, gamma spectroscopy, alpha spectroscopy, and tritium. Arsenic was the only analyte measured at concentrations in excess of its SAL in the confirmation samples collected from Area 2. The analytical results for the Area 2 confirmation samples are reviewed and assessed in Sections 2.4.2 and 2.5.1.

Approximately 75 yd^3 of soil and tuff were removed from the area during the 1998 IA. Based on waste characterization results, the excavated soil was disposed of at TA-54 as low-level radioactive waste. The outlet line from the septic tank was plugged to ensure no further releases to Area 2 until the tank and its contents could be removed. Stormwater controls, including a run-on diversion ditch, were installed following excavation. These controls were routinely inspected and maintained by RRES-R and RRES-WQH (formerly ESH-18) representatives.



Source: Redondo db, SEA ArcView_Rev. by A. Kron 062002_Rev. for IA Compl. Rpt. 21-024(i), 033103, cf

Figure 2.3-5. 1998 IA confirmation sample locations

2.3.2 Preliminary Conceptual Model

The inlet line, septic tank, and outlet line were buried. The volume of water that flowed through the drainlines is unknown, but flow was most likely intermittent as with most septic systems. The entire system was gravity driven (i.e., not under pressure); therefore, soil overlying the septic tank and drainlines was not expected to be contaminated. Potential release mechanisms from such a system include

- leaks from the tank bottom due to cracks in the concrete,
- seepage through porous joints or cracks in the drainlines,
- the intentional release from the outfall onto the sloping edge of the mesa and bench below, and
- diffusion-driven transport of tritium through the concrete septic tank and VCP lines in the absence of any cracks.

Based on the preliminary conceptual model for SWMU 21-024(i), subsurface fill, soil, and tuff and surface soil downgradient from the outfall are the primary potentially contaminated media (Figure 2.3-6).

2.3.2.1 Subsurface Releases

Pathways from subsurface releases to potential human receptors would be complete only if contaminated soil or tuff were excavated and brought to the surface. The potential pathways would then be dermal contact, inhalation of fugitive dust or volatiles, and incidental ingestion of soil. The only complete ecological exposure pathways from a subsurface release are root uptake and those resulting from burrowing animals. The ecological conceptual site model for SWMU 21-024(i) is presented in Part C of the ecological scoping checklist (Appendix F).

Subsurface leakage from the system would be expected to seep downward into the surrounding fill, soil, or tuff; however, the degree of infiltration depends on the unsaturated flow properties of the tuff. The movement of contaminants by liquid in the unsaturated zone may be in solution or as suspended solids. Retardation of contaminants would occur primarily via adsorption on clays or organic material. Joints and fractures in the tuff may provide additional pathways for moisture to enter the subsurface. Downward migration of contaminants in the vadose zone would be limited by a lack of hydrostatic pressure. The absence of saturated conditions in the area would restrict both horizontal and vertical migration. Therefore, a complete pathway to the regional aquifer, which is located approximately 1000 ft below the SWMU, is unlikely. In addition, there are no seeps or springs nearby that would indicate the presence of a perched alluvial aquifer in the area of SWMU 21-024(i).

2.3.2.2 Surface Releases

Pathways from surface releases of effluent from the outfall to human receptors would include dermal contact, inhalation of fugitive dust, and incidental ingestion of soil. Additional pathways for ecological receptors would include root uptake, burrowing animals, and leaf splash.

The Sampling and Analysis Plan (SAP) for SWMU 21-024(i) (LANL 1995, 52349) presented a conceptual model (Figure 2.3-6) indicating contaminant transport in the outfall area is dominated by physical redistribution of sediment, rather than dissolution and precipitation of contaminants. That is, contaminant movement occurs as a result of particulate movement via surface water flow. The effluent from the outfall, as well as stormwater runoff, would carry sediment from the well-defined drainage, over the edge of the mesa, and onto the topographic bench approximately 50 ft below. Contaminants not deposited in the sediment deposition areas on the bench could migrate over the edge of the cliff and become adsorbed to sediment in the canyon bottom.

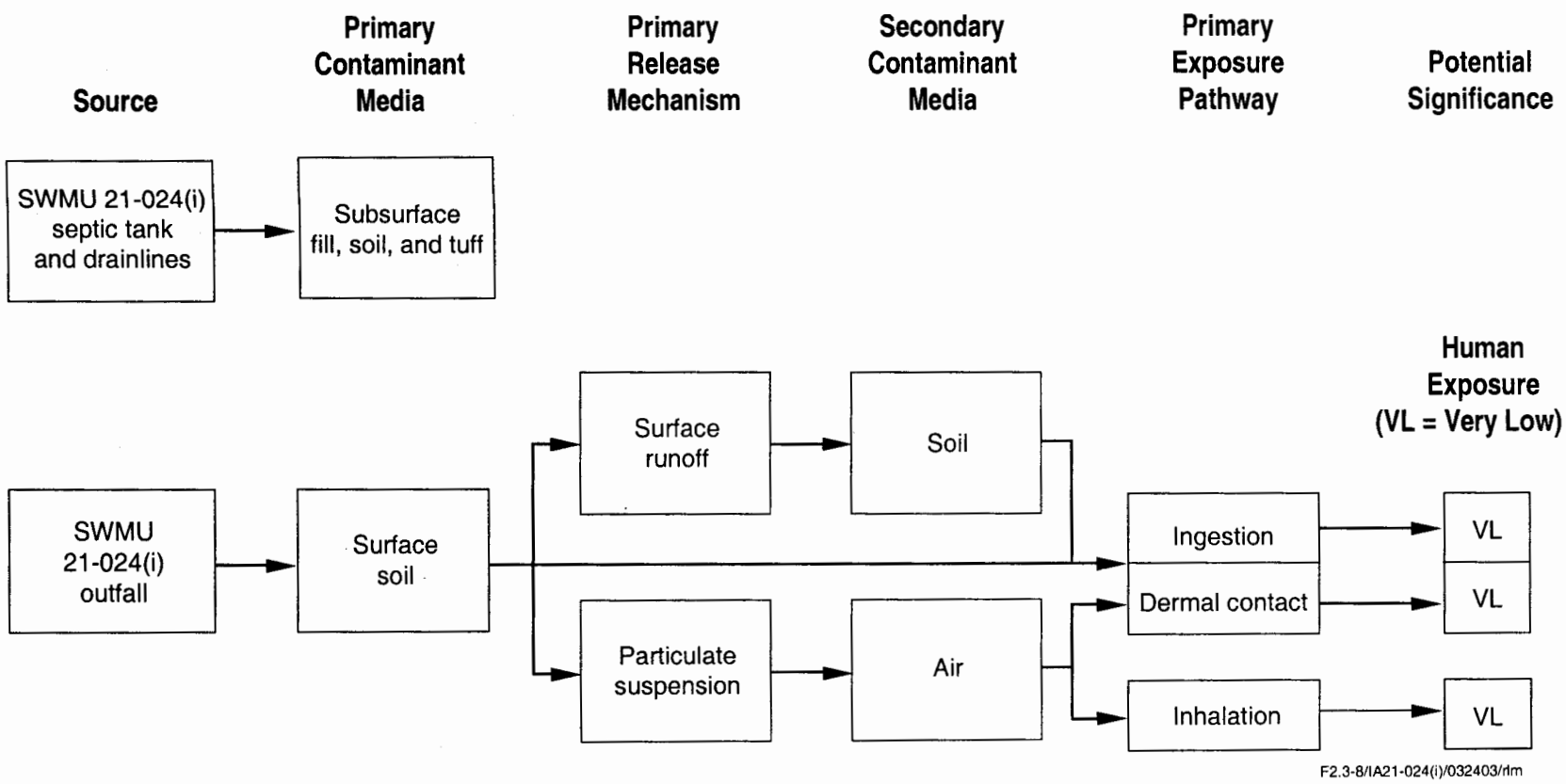


Figure 2.3-6. Preliminary conceptual model of contaminant transport for SWMU 21-024(i)

2.4 Remedial Activities

2.4.1 Investigation and Remediation Activities during 2001 and 2002

Several of the activities outlined in the approved IA plan for SWMU 21-024(i) were not conducted during the initial IA in 1998 because no disposal options had been identified for the septic tank contents. The remaining activities were conducted in 2001 and 2002, after finding appropriate disposal methods for the solid and liquid fractions of the sludge (see Section 3.0). The remaining IA activities included (1) removal of the septic tank contents; (2) removal of 20 to 30 ft of inlet line, the septic tank, and the outlet line; (3) removal of any soil showing elevated radioactivity under the tank; (4) collection of confirmation samples from four locations within the footprint of the septic tank; and (5) collection of additional samples in Area 3. All of these activities were conducted in 2001 and 2002, with the exception of the soil removal action in Area 1, which was not conducted because the results of radiological screening did not indicate the presence of elevated radioactivity under the tank. Additional activities conducted in 2001 and 2002 included the collection of confirmation samples from beneath the inlet and outlet line, which was not specified in the 1998 IA plan but was requested in the RSI from NMED (Appendix J), and collection of nature and extent samples from around the tank (see the 2001 Record of Communication [ROC] with NMED, Appendix J) (LANL 2001, 70261). The 2001 and 2002 remedial activities at SWMU 21-024(i) were conducted in four phases, which are described in the following sections.

2.4.1.1 Winter 2001 Remediation Activities

Mobilization for the winter 2001 field activities began on January 9, 2001. Work areas were established and a fenced less-than-90-day accumulation area was constructed on site with plastic lined secondary containment. The area around the septic tank was prepared for the transfer of the sludge to waste containers by covering the ground with plastic to prevent the spread of contamination.

Soil covering the top of the septic tank had been removed during previous field activities. A wood-framed corrugated roof panel and tarp protected the top of the tank (Appendix I, Photographs 1 and 2). After the roof panel was removed and health and safety screening was performed by HSR-1 (formerly ESH-1), the lids to the tank were removed. Initial inspection of the tank showed it to be 5.25 ft wide by 10 ft long by 6.5 ft deep (inside dimensions). Angled wooden baffles were observed at both the inlet and outlet ends of the tank. The tank contents, as measured, consisted of 0.96 ft of clear liquid over 1.75 ft of thick organic sludge. The volume of the tank contents was estimated to be 142 ft^3.

Removal of the septic tank contents took place from January 12, 2001 through January 19, 2001 (Appendix I, Photographs 3 through 5). Initially, the contents of the septic tank were to be homogenized and pumped to 55-gal. drums after passing through a 1/32-in. screen. The drums were then to be transferred to the less-than-90-day accumulation area pending disposal as mixed low-level waste (MLLW). However, due to the soil-like consistency of the sludge, homogenizing and filtering activities were abandoned. Free liquids in the tank were pumped to 55-gal. drums. The remaining sludge was scooped from the tank using a backhoe bucket and placed in 55-gal. drums. Absorbent material was then added to the sludge to prevent the formation of free liquids.

Once empty, the septic tank was decontaminated using a pressure washer (Appendix I, Photograph 6). Absorbent material was mixed with the decontamination water and transferred to 55-gal drums. The drums were staged in the less-than-90-day accumulation area pending disposal. The tank was not removed during the winter 2001 mobilization as initially planned. Because the tank could not be pressure washed to a clean surface, the decision was made to collect waste characterization samples from the bottom of the tank and re-profile it for off-site disposal as hazardous waste containing residual radionuclides.

Beginning on January 22, 2001, the outfall pipe was excavated and confirmation samples were collected from underneath it. Soil over the top of the outfall pipe was removed using a backhoe. Excavation activities were continually monitored to determine if any breaks in the line were the result of excavation or were pre-existing.

Excavation of the pipe began at the outfall. The line was constructed of 6-in. inner diameter (ID) VCP. Each 2.5-ft section of pipe was found to be loose fit, with no sealing material present at any of the joints. A total of eight pipe sections were uncovered between the outfall end of the pipe and the dirt road that crosses the site from east to west. The VCP terminated at the road edge and could not be relocated within the footprint of the road. Of the eight exposed sections of VCP, only the fourth section north of the outfall showed evidence of damage that could not be attributed to the excavation of overlying soils. This section had a small breach in the top surface of the pipe.

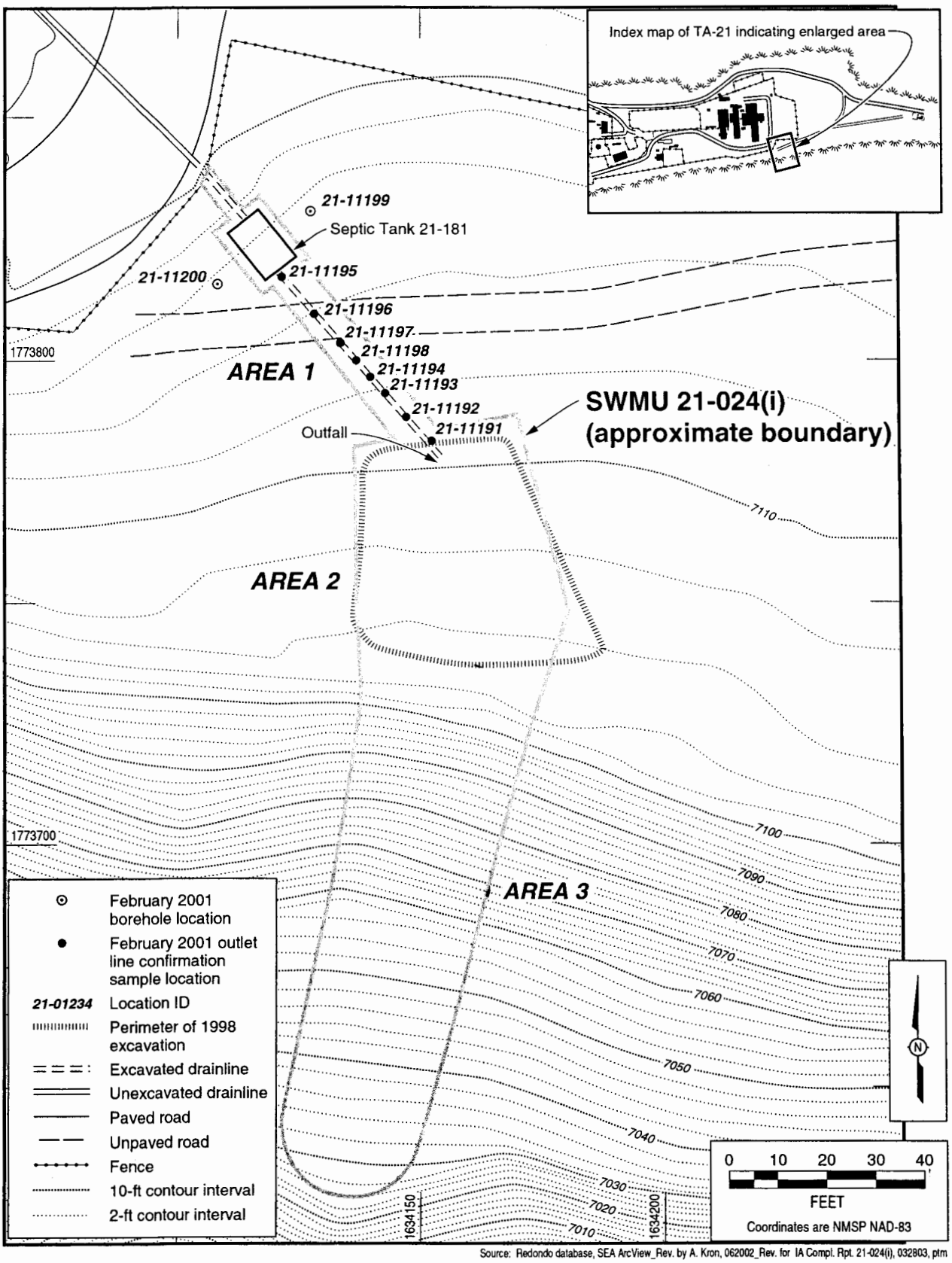
Following excavation of the outlet sections south of the dirt road, excavation activities were moved to the tank/outlet line junction and progressed to the south. Three sections of VCP were uncovered before the line again terminated at the edge of the dirt road that crosses the site. Further digging in the area where the VCP would have crossed the road revealed no additional sections. Based on field observations, the missing sections of VCP and the path of the dirt road coincide with the location of a utility corridor where water and sewer lines were placed. The missing sections of VCP were removed during installation of the sewer main, sometime in 1965 or 1966. The septic tank was no longer in use at that time, because construction of Building 21-209 was initiated in 1964 and required removal of a portion of the inlet line that crossed the footprint of the construction area (Francis 1999, 63035).

The VCP sections were removed one at a time by hand. The soils beneath the removed section were examined for evidence of staining. No evidence of staining was observed beneath any of the removed sections of VCP. The soil below each of the connections between VCP sections was screened for beta and gamma radiation using an ESP-1 rate meter equipped with an HP-260 probe. The highest reading encountered was 582 disintegrations per minute (dpm) at the connection nearest the outfall. Other screening results ranged from 294 dpm to 479 dpm, which were in the range of background for the site.

Eight locations were sampled along the outlet pipe (locations 21-11191, -11192, -11193, -11194, -11195, -11196, -11197, and -11198) (Figure 2.4-1). Confirmation samples were collected using a hand auger according to RRES-R Standard Operating Procedure (SOP) 6.10. At each location, a sample was collected from immediately below the VCP to a depth of 0.5 to 1.0 ft as dictated by the sample volume requirements. A second 0.5- to 1-ft interval was sampled at each location, beginning approximately 2 ft below the shallow sample interval.

Two locations were sampled to better define the extent of contamination identified in previous characterization efforts. Location 21-11199 is 10 ft northeast of the septic tank and location 21-11200 is 10 ft southwest of the septic tank (Figure 2.4-1). All samples were collected using a powered hand auger per RRES-R SOP 6.10. Sample collection was planned for 8 ft, 12 ft, and 17 ft bgs, which corresponds to the level of the bottom of the septic tank (8 ft) and two deeper samples. Location 21-11200 was sampled as planned. Location 21-11199 was sampled at the 8-ft and 12-ft depths, but the 17-ft sample interval could not be collected due to continued caving of the auger hole.

All of the samples collected during January and February 2001 were analyzed for TAL metals, pesticides/PCBs, VOCs, SVOCs, americium-241, gamma spectroscopy, tritium, isotopic plutonium, isotopic thorium, isotopic uranium, and strontium-90.



Source: Redondo database, SEA ArcView_Rev. by A. Kron, 062002_Rev. for IA Compl. Rpt. 21-024(i), 032803, ptm

Figure 2.4-1. January/February 2001 IA borehole and outlet line sample locations

2.4.1.2 August 2001 Remediation Activities: Tank and Inlet Line Removal and Sampling

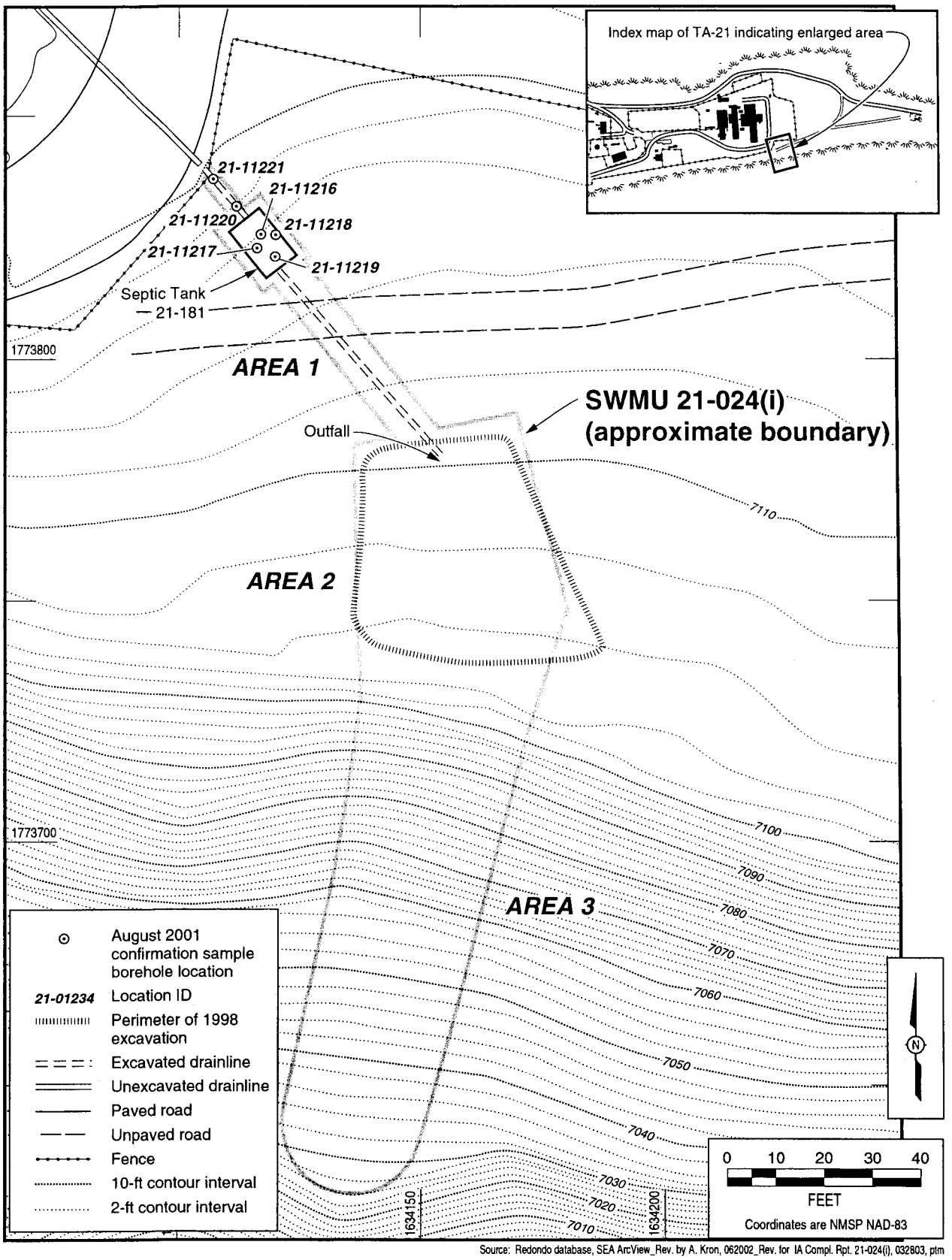
In August 2001, re-mobilization to SWMU 21-024(i) was conducted after characterization of the concrete from the septic tank was completed and a disposal path identified for the tank. Soils from around the sides of the tank were excavated and the tank was pulled from the ground using excavation equipment (Appendix I, Photographs 7 through 10). Inspection of the exterior of the tank showed it to be very well built and in good condition. No cracks or staining were observed on the tank, and no stained soils were noted within the footprint of the tank. The tank was placed on plastic sheeting and crushed using the excavator bucket (Appendix I, Photographs 11 and 12). The debris was transferred to two 15-cubic-yard rolloff bins in the less-than-90-day accumulation area pending shipment to the waste disposal facility.

Following removal of the tank, a trench box was set in the bottom of the open excavation and samples were collected within the footprint of the septic tank. Four locations (21-11216, -11217, -11218, and -11219) within the excavation footprint were sampled at three depths below the bottom of the former septic tank (0–1 ft, 4–5 ft, and 9–10 ft) (Figure 2.4-2). All samples were screened for alpha radiation using a Ludlum-139 ratemeter equipped with an air proportional detector and beta/gamma radiation using an ESP-1 rate meter equipped with an HP-260 Geiger-Muller detector. Samples were screened for VOCs using an HNU model DL-101 photoionization detector. Screening of the samples in the field did not identify any elevated levels of VOCs or alpha, beta, or gamma radiation.

Following sample collection, the open excavation was backfilled with clean fill, the original grade was restored, and removal of the septic tank inlet line was initiated. Soil and fill material was excavated from over the inlet line between the TSTA facility fence and the former location of the septic tank. A total of five sections of 6-in. VCP were uncovered. Each connection in the inlet line consisted of a bell joint sealed with mortar. All connections were found to be in excellent condition, with no breaks or stains observed. Each section of VCP was screened in the same manner as described above for alpha and beta/gamma radiation and VOCs, with no elevated results.

In the absence of staining, breaks in the line, or elevated screening results, two locations (21-11220 and -11221) were selected for sampling at two depths (0–1 ft and 3–4 ft beneath the inlet pipe) (Figure 2.4-2). Location 21-11220 was sampled at the first connection north of the septic tank. This location was inspected to ensure that undisturbed material was sampled, rather than the clean fill that had been placed in the septic tank excavation. Location 21-11221 was sampled at the connection between the fifth and sixth sections of pipe north of the septic tank, adjacent to the TSTA facility fence. The remaining sections of VCP within the TSTA facility fence were left in place and will be removed when the TSTA facility is no longer active. Characterization and, if necessary, removal of the soils under the inlet line will be conducted at that time.

All of the samples collected during August 2001 were analyzed for TAL metals, PCBs, pesticides, VOCs, SVOCs, americium-241, gamma spectroscopy, tritium, isotopic plutonium, isotopic thorium, isotopic uranium, and strontium-90.



Source: Redondo database, SEA ArcView_Rev. by A. Kron, 062002_Rev. for IA Compl. Rpt. 21-024(i), 032803, ptm

Figure 2.4-2. August 2001 IA confirmation sample locations

2.4.1.3 October 2001 Sampling Activities: Additional Sample Collection to Define Nature and Extent in the Area of the Removed Septic Tank

Following review of the data from the winter and summer 2001 samples, it was determined that additional samples were needed in the vicinity of the removed septic tank to better define lateral and vertical extent of contamination (LANL 2001, 70261). This additional sampling was conducted in October 2001. At location 21-11199, the 17-ft bgs sample that could not be collected in January of 2001 was successfully collected. Location 21-11222 was sampled 10 ft northeast of location 21-11199 to establish a decreasing trend for tritium away from the removed septic tank. This location was sampled at 12 and 17 ft bgs. Location 21-11195, located at the connection between the septic tank and the VCP outlet line, was sampled at a depth of 12–13 ft bgs to better define vertical extent of tritium at this location. Figure 2.4-3 shows the locations of the samples collected in October 2001.

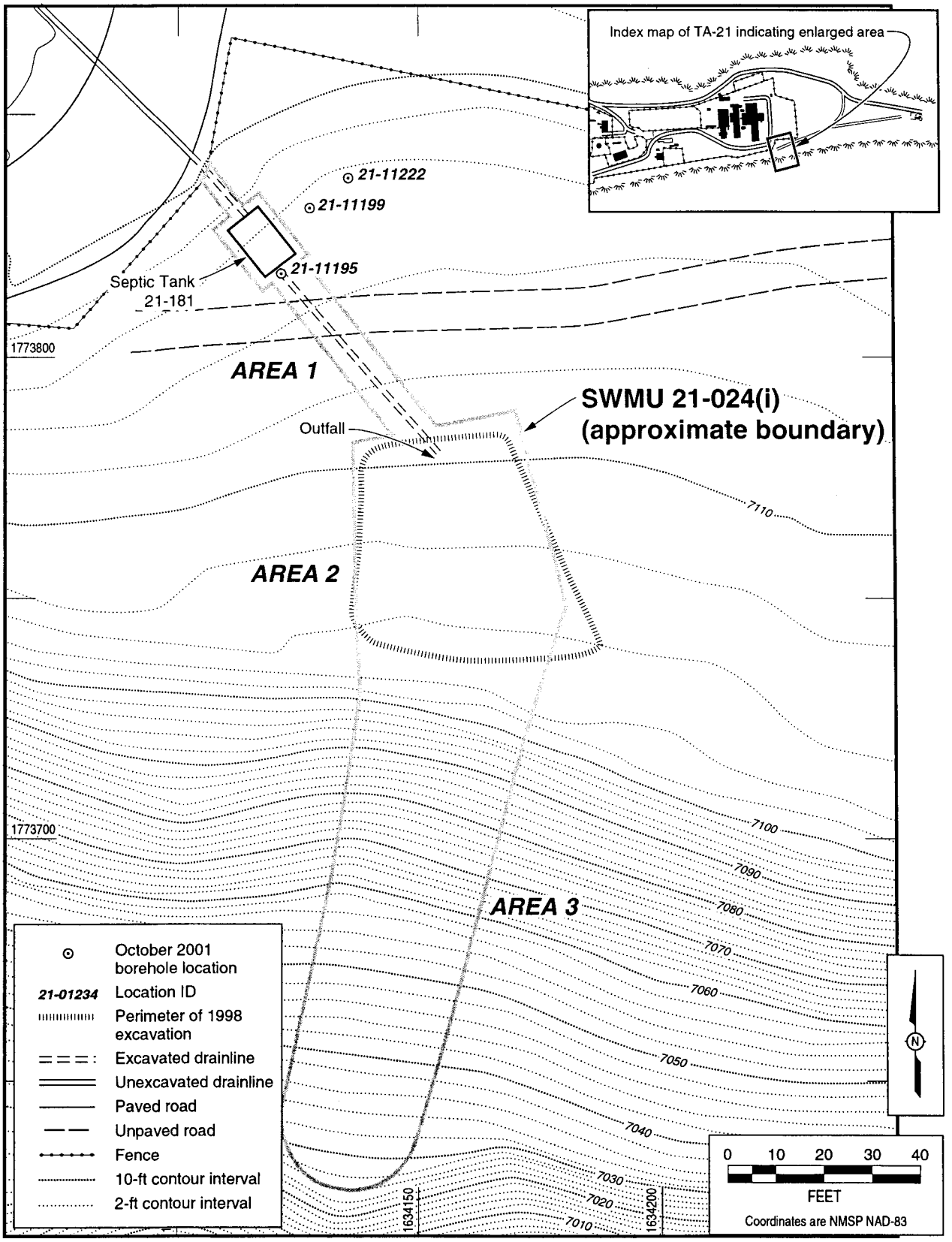
All samples were screened for VOCs and radiation as previously described for the August 2001 sampling event. The screening identified no elevated levels of VOCs or radiation. All of the samples were analyzed for TAL metals, PCBs, pesticides, VOCs, SVOCs, americium-241, gamma spectroscopy, tritium, isotopic plutonium, isotopic thorium, isotopic uranium, and strontium-90.

2.4.1.4 September 2002 Remediation Activities: Additional Sample Collection in Area 3 for Nature and Extent Definition

The final mobilization to the site took place on September 26, 2002. The purpose of this sampling event was to collect additional samples from the topographic bench south of the SWMU 21-024(i) outfall (Area 3) to better define nature and extent of contamination (Appendix I, Photographs 18 through 22). Although several samples were collected in Area 3 during the 1997 Phase II RFI, they were not analyzed for organic chemicals or isotopic plutonium. Additionally, several of the 1997 TAL metal results had detection limits (DLs) in excess of BVs.

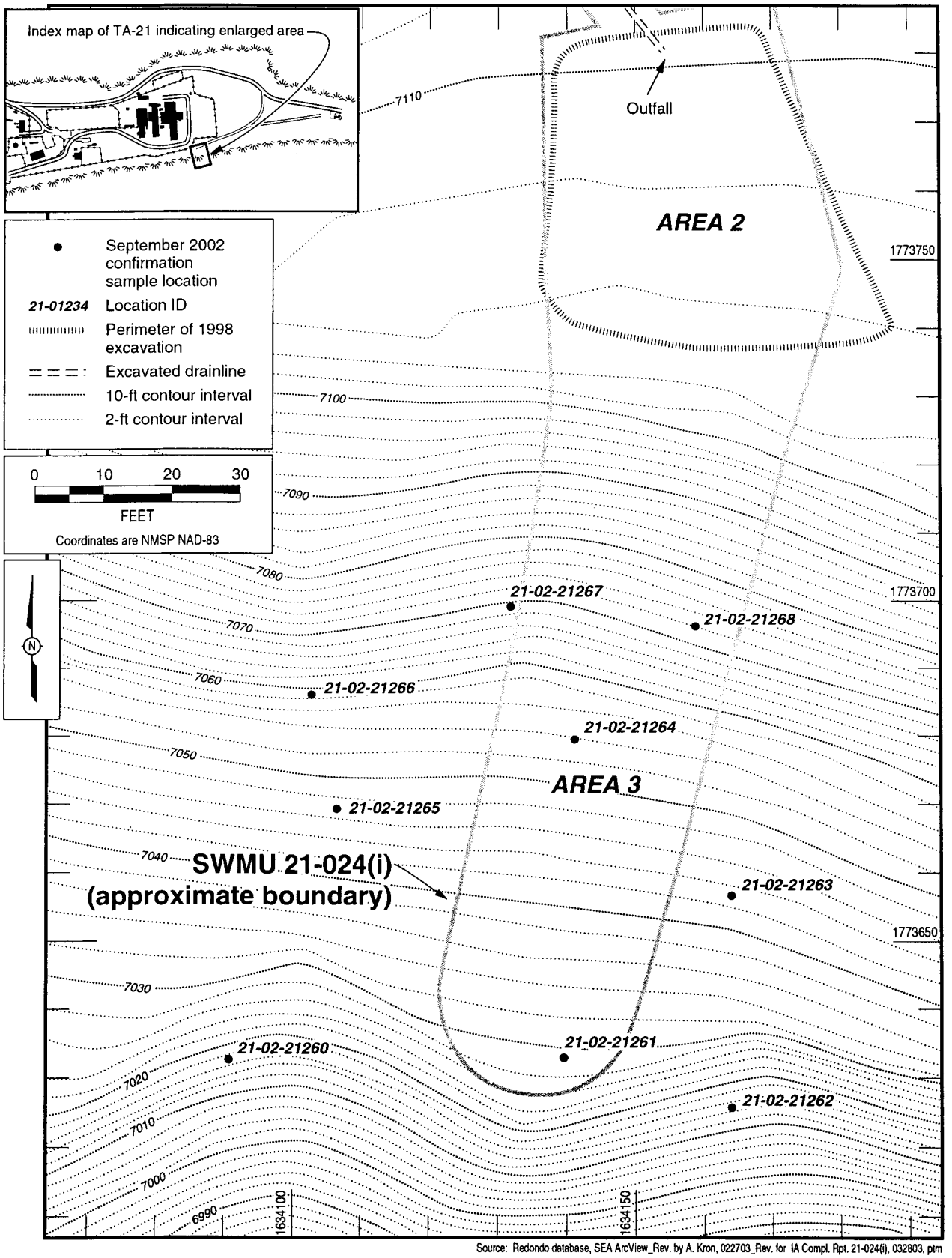
Locations 21-02-21260 through 21-02-21268 were all sampled from 0 to 0.5 ft (Figure 2.4-4). There was sufficient soil development at locations 21-02-21261 and -02-21264 to collect deeper sample intervals (0.5–0.75 ft. and 0.5–1.0 ft, respectively). All samples were collected by the spade-and-scoop method, per RRES-R SOP 6.09. These samples were analyzed for TAL metals, perchlorate, PCBs, SVOCs, americium-241, and isotopic plutonium.

Site restoration was also conducted during September 2002. Area 1 restoration activities included the installation of jute matting on the slopes along the northern perimeter of the SWMU and the installation of several straw wattles across the site contours. Following the installation of these erosion controls, the disturbed areas were scratched with rakes, fertilized with an organic fertilizer, and seeded with a native and annual grass seed mixture. Area 1 was then covered with several inches of straw mulch following seeding. Due to the removal action conducted during the 1998 IA, there was a minimal amount of soil in Area 2. Therefore, eight cubic yards of mulch were spread over Area 2 following seeding with the same mixture used on Area 1.



Source: Redondo database, SEA ArcView_Rev. by A. Kron, 062002_Rev. for IA Compl. Rpt. 21-024(i), 032803, ptm

Figure 2.4-3. October 2001 borehole locations



Source: Redondo database, SEA ArcView_Rev. by A. Kron, 022703_Rev. for IA Compl. Rpt. 21-024(i), 032803, ptm

Figure 2.4-4. September 2002 Area 3 sample locations

2.4.2 SWMU Data Review

Analytical data from SMWU 21-024(i) were reviewed to determine the chemicals of potential concern (COPCs) for the site. Data reviewed for SWMU 21-024(i) included analytical results for all sample locations that do not fall within the excavated area. A summary of the samples included in this data review is given in Table 2.4-1, and all of the analytical laboratory data for these samples are presented in Appendix D.

Although many analytical results were qualified as non-detected (U), estimated (J, J+, or J-), or both (UJ), none of the data collected for this site were rejected for quality reasons. Therefore, the data included in this review are considered appropriate, both in quantity and quality, for making decisions regarding risk and any further actions required at SWMU 21-024(i). The results of the data quality evaluation are presented in Appendix C, along with an explanation of the data qualifiers.

For this review, (1) inorganic sample results were compared to BVs; (2) radionuclide sample results were compared to BVs (from atmospheric fallout or naturally occurring radionuclides); and (3) organic sample results were compared to the DL. The following sections provide the details for the SWMU 21-024(i) data review.

2.4.2.1 Comparison of Inorganic Chemicals with Background Values

Table 2.4-2 summarizes the inorganic analytical data, including frequency of detection, range of concentrations, and comparison of the concentrations of each analyte to the Laboratory BVs for soil and tuff (Qbt3). These BVs represent the 95% upper tolerance limit (UTL) calculated from the range of laboratory background concentrations determined for a given media (i.e., soil, sediments, or tuff) (LANL 1998, 59730). Table 2.4-3 presents the analytical results for inorganic chemicals detected at concentrations greater than the BV or with a DL exceeding the BV.

The comparison of inorganic chemicals to their respective BVs resulted in aluminum, antimony, arsenic, barium, beryllium, cadmium, calcium, chromium, cobalt, copper, iron, lead, magnesium, mercury, nickel, perchlorate, selenium, silver, thallium, vanadium, and zinc being identified as COPCs and retained for further evaluation. Lithium, molybdenum, and strontium do not have background data. Lithium and strontium were retained as COPCs because they were detected in samples from SWMU 21-024(i). Molybdenum was not detected in site samples and is therefore not evaluated further. Three inorganic chemicals (manganese, potassium, and sodium) did not have sample values or DLs greater than their respective BVs and were not evaluated further.

Results for inorganic chemicals with concentrations greater than the BV (i.e., the 95% UTL BV) were compared to the range of the background dataset (LANL 1998, 59730). Inorganic chemicals with concentrations exceeding the maximum concentration in the background dataset were retained as COPCs. Beryllium, cadmium, and iron were eliminated as COPCs because they were within the range of the background dataset. The following inorganic chemicals were retained as COPCs for further evaluation:

- Fill—lead, mercury, and zinc;
- Soil—antimony, chromium, copper, lead, mercury, perchlorate, silver, thallium, and zinc; and
- Tuff (Qbt3)—aluminum, antimony, arsenic, barium, calcium, chromium, cobalt, copper, lead, lithium, magnesium, mercury, nickel, selenium, silver, strontium, thallium, vanadium, and zinc.

Table 2.4-1
Summary of SWMU 21-024(i) Samples Included in the Data Review and Screening Assessments

Sample ID	Location ID	Depth (ft)	Media	Perchlorate	Metals	PCBs	Pesticides	Pesticides/PCBs	SVOCs	VOCs	Am-241	Gamma Spectroscopy	Tritium	Isotopic Plutonium	Isotopic Thorium	Isotopic Uranium	Strontium-90
1993 Phase I RFI Samples																	
AAA4033	21-01604	1–2.17	Qbt3	—[a]	—	—	—	—	—	—	X[b]	X	X	X	—	X	—
AAA4037	21-01605	1–1.5	Qbt3	—	—	—	—	—	—	—	X	X	X	X	—	X	—
AAA4040	21-01606	1–1.33	Qbt3	—	—	—	—	—	—	—	X	X	X	X	—	X	—
AAA4129	21-01672	0–5	Qbt3	—	X	—	—	—	X	—	X	X	X	X	X	X	—
AAA4131	21-01672	5–10	Qbt3	—	X	—	—	—	X	—	X	X	X	X	X	X	—
AAA4132	21-01672	10–15	Qbt3	—	X	—	—	—	X	—	X	X	X	X	X	X	—
AAA4133	21-01672	15–20	Qbt3	—	X	—	—	—	X	—	X	X	X	X	X	X	—
1997 Phase II RFI Samples																	
0121-97-0902	21-05112	7–9	Soil	—	X	—	—	—	X	X	—	X	X	X	X	X	—
0121-97-0903	21-05113	7–9	Soil	—	X	—	—	—	X	X	—	X	X	X	X	X	—
0121-97-0904	21-05114	8–10	Soil	—	X	—	—	—	X	X	—	X	—	X	X	X	—
0121-97-0905	21-05115	8–10	Soil	—	X	—	—	—	X	X	—	X	—	X	X	X	—
0121-97-1236	21-05355	0–0.5	Soil	—	X	—	—	—	—	—	—	X	X	—	X	X	—
0121-97-1238	21-05355	0.5–1	Soil	—	X	—	—	—	—	—	—	X	X	—	X	X	—
0121-97-1226	21-05357	0–0.5	Soil	—	X	—	—	—	—	—	—	X	X	—	X	X	—
0121-97-1231	21-05357	0.5–1	Soil	—	X	—	—	—	—	—	—	X	X	—	X	X	—
0121-97-1221	21-05362	0–0.5	Soil	—	X	—	—	—	—	—	—	X	X	—	X	X	—
0121-97-1223	21-05362	0.5–1	Soil	—	X	—	—	—	—	—	—	X	X	—	X	X	—
0121-97-1224	21-05379	0–0.5	Soil	—	X	—	—	—	—	—	—	X	X	—	X	X	—
0121-97-1225	21-05379	0.5–1	Soil	—	X	—	—	—	—	—	—	X	X	—	X	X	—
0121-97-1230	21-05389	0–0.5	Soil	—	X	—	—	—	—	—	—	X	X	—	X	X	—
0121-97-1229	21-05389	0.5–1	Soil	—	X	—	—	—	—	—	—	X	X	—	X	X	—
0121-97-1228	21-05404	0–0.5	Soil	—	X	—	—	—	—	—	—	X	X	—	X	X	—

Table 2.4-1 (cont.)

Sample ID	Location ID	Depth (ft)	Media	Anions	Metals	PCBs	Pesticides	Pesticides/PCBs	SVOCs	VOCs	Am-241	Gamma Spectroscopy	Tritium	Isotopic Plutonium	Isotopic Thorium	Isotopic Uranium	Strontium-90
1997 Phase II RFI Samples (cont.)																	
0121-97-1235	21-05404	0.5–1	Soil	—	X	—	—	—	—	—	—	X	X	—	X	X	—
0121-97-1239	21-05404	1–1.5	Soil	—	X	—	—	—	—	—	—	X	X	—	X	X	—
0121-97-1237	21-05418	0–0.5	Soil	—	X	—	—	—	—	—	—	X	X	—	X	X	—
0121-97-1241	21-05418	0.5–1	Soil	—	X	—	—	—	—	—	—	X	X	—	X	X	—
0121-97-1227	21-05422	0–0.5	Soil	—	X	—	—	—	—	—	—	X	X	—	X	X	—
0121-97-1240	21-05422	0.5–1	Soil	—	X	—	—	—	—	—	—	X	X	—	X	X	—
0121-97-1232	21-05425	0–0.5	Soil	—	X	—	—	—	—	—	—	X	X	—	X	X	—
0121-97-1234	21-05425	0.5–1	Soil	—	X	—	—	—	—	—	—	X	X	—	X	X	—
0121-97-1233	21-05425	1–1.5	Soil	—	X	—	—	—	—	—	—	X	X	—	X	X	—
0121-97-1222	21-05425	1.5–2	Soil	—	X	—	—	—	—	—	—	X	X	—	X	X	—
0121-97-1452	21-05511	0–0.5	Soil	—	X	—	—	—	—	—	—	—	—	—	—	—	—
0121-97-1453	21-05512	0–0.5	Soil	—	X	—	—	—	—	—	—	—	—	—	—	—	—
0121-97-1454	21-05513	0–0.5	Soil	—	X	—	—	—	—	—	—	—	—	—	—	—	—
0121-97-1455	21-05514	0–0.5	Soil	—	X	—	—	—	—	—	—	—	—	—	—	—	—
1998 IA Confirmation Samples																	
MD21-98-0049	21-10501	0–0.5	Qbt3	—	X	X	X	—	X	—	—	X	X	—	X	X	—
MD21-98-0048	21-10502	0–0.5	Soil	—	X	X	X	—	X	—	—	X	X	—	X	X	—
MD21-98-0047	21-10503	0–0.5	Soil	—	X	X	X	—	X	—	—	X	X	—	X	X	—
MD21-98-0045	21-10504	0–0.5	Qbt3	—	X	X	X	—	X	—	—	X	X	—	X	X	—
MD21-98-0046	21-10505	0–0.5	Soil	—	X	X	X	—	X	—	—	X	X	—	X	X	—
MD21-98-0044	21-10506	0–0.5	Qbt3	—	X	X	X	—	X	—	—	X	X	—	X	X	—
MD21-98-0043	21-10507	0–0.5	Qbt3	—	X	X	X	—	X	—	—	X	X	—	X	X	—
MD21-98-0042	21-10508	0–0.5	Soil	—	X	X	X	—	X	—	—	X	X	—	X	X	—
MD21-98-0041	21-10509	0–0.5	Soil	—	X	X	X	—	X	—	—	X	X	—	X	X	—
MD21-98-0040	21-10510	0–0.5	Qbt3	—	X	X	X	—	X	—	—	X	X	—	X	X	—
MD21-98-0039	21-10511	0–0.5	Qbt3	—	X	X	X	—	X	—	—	X	X	—	X	X	—

Table 2.4-1 (cont.)

Sample ID	Location ID	Depth (ft)	Media	Anions	Metals	PCBs	Pesticides	Pesticides/PCBs	SVOCs	VOCs	Am-241	Gamma Spectroscopy	Tritium	Isotopic Plutonium	Isotopic Thorium	Isotopic Uranium	Strontium-90
1998 IA Confirmation Samples (cont.)																	
MD21-98-0038	21-10512	0–0.5	Qbt3	—	X	X	X	—	X	—	—	X	X	—	X	X	—
MD21-98-0037	21-10513	0–0.5	Qbt3	—	X	X	X	—	X	—	—	X	X	—	X	X	—
MD21-98-0036	21-10514	0–0.5	Soil	—	X	X	X	—	X	—	—	X	X	—	X	X	—
MD21-98-0035	21-10515	0–0.5	Qbt3	—	X	X	X	—	X	—	—	X	X	—	X	X	—
MD21-98-0034	21-10516	0–0.5	Soil	—	X	X	X	—	X	—	—	X	X	—	X	X	—
2001 IA Area 1 Samples																	
MD21-01-0001	21-11191	0.5–1.17	Fill	—	X	—	X	X	X	X	X	X	X	X	X	X	X
MD21-01-0003	21-11191	3–3.5	Qbt3	—	X	—	X	X	X	X	X	X	X	X	X	X	X
MD21-01-0002	21-11192	0.5–1	Fill	—	X	—	X	X	X	X	X	X	X	X		X	X
MD21-01-0004	21-11192	3–3.5	Qbt3	—	X	—	X	X	X	X	X	X	X	X	X	X	X
MD21-01-0005	21-11193	0.83–1.33	Qbt3	—	X	—	X	X	X	X	X	X	X	X	X	X	X
MD21-01-0007	21-11193	4–5.5	Qbt3	—	X	—	—	X	X	X	X	X	X	X	X	X	X
MD21-01-0010	21-11193	4–5.5	Qbt3	—	X	—	—	X	X	X	X	X	X	X	X	X	X
MD21-01-0008	21-11194	0.83–1.33	Fill	—	X	—	—	X	X	X	X	X	X	X	X	X	X
MD21-01-0009	21-11194	4–4.5	Qbt3	—	X	—	—	X	X	X	X	X	X	X	X	X	X
MD21-01-0011	21-11195	2.67–4	Fill	—	X	—	—	X	X	X	X	X	X	X	X	X	X
MD21-01-0012	21-11195	5.67–6.67	Fill	—	X	—	—	X	X	X	X	X	X	X	X	X	X
MD21-01-0526	21-11195	12–13	Qbt3	—	X	X	X	—	X	X	X	X	X	X	X	X	X
MD21-01-0013	21-11196	3–3.5	Qbt3	—	X	—	—	X	X	X	X	X	X	X	X	X	X
MD21-01-0014	21-11196	4.5–5.5	Qbt3	—	X	—	—	X	X	X	X	X	X	X	X	X	X
MD21-01-0015	21-11197	2.33–3.33	Qbt3	—	X	—	X	X	X	X	X	X	X	X	X	X	X
MD21-01-0016	21-11197	5.33–6.33	Qbt3	—	X	—	—	X	X	X	X	X	X	X	X	X	X
MD21-01-0017	21-11198	2.33–3.33	Qbt3	—	X	—	X	X	X	X	X	X	X	X	X	X	X
MD21-01-0018	21-11198	5.33–6.33	Qbt3	—	X	—	X	X	X	X	X	X	X	X	X	X	X
MD21-01-0019	21-11199	8–9	Qbt3	—	X	—	—	X	X	X	X	X	X	X	X	X	X
MD21-01-0020	21-11199	12–13	Qbt3	—	X	—	—	X	X	X	X	X	X	X	X	X	X

Table 2.4-1 (cont.)

Sample ID	Location ID	Depth (ft)	Media	Anions	Metals	PCBs	Pesticides	Pesticides/PCBs	SVOCs	VOCs	Am-241	Gamma Spectroscopy	Tritium	Isotopic Plutonium	Isotopic Thorium	Isotopic Uranium	Strontium-90
2001 IA Area 1 Samples (cont.)																	
MD21-01-0054	21-11200	8–9	Qbt3	—	X	—	—	X	X	X	X	X	X	X	X	X	X
MD21-01-0055	21-11200	12–13	Qbt3	—	X	—	—	X	X	X	X	X	X	X	X	X	X
MD21-01-0523	21-11222	12–15	Fill	—	X	X	X	—	X	X	X	X	X	X	X	X	X
MD21-01-0524	21-11222	12–15	Fill	—	X	X	X	—	X	X	X	X	X	X	X	X	X
MD21-01-0056	21-11200	17–18	Qbt3	—	X	—	—	X	X	X	X	X	X	X	X	X	X
MD21-01-0522	21-11199	17–18	Qbt3	—	X	X	X	—	X	X	X	X	X	X	X	X	X
MD21-01-0525	21-11222	17–18	Qbt3	—	X	X	X	—	X	X	X	X	X	X	X	X	X
MD21-01-0302	21-11216	8.25–9	Qbt3	—	X	X	X	—	X	X	X	X	X	—	—	—	—
MD21-01-0303	21-11216	12–13	Qbt3	—	X	X	X	—	X	X	X	X	X	—	—	—	—
MD21-01-0309	21-11216	17.17–18	Qbt3	—	X	X	X	—	X	X	X	X	X	X	X	X	X
MD21-01-0308	21-11217	8–9.17	Qbt3	—	X	X	X	—	X	X	X	X	X	X	X	X	X
MD21-01-0312	21-11217	8–9.17	Qbt3	—	X	X	X	—	X	X	X	X	X	X	X	X	X
MD21-01-0313	21-11217	12–13	Qbt3	—	X	X	X	—	X	X	X	X	X	X	X	X	X
MD21-01-0299	21-11217	17–17.75	Qbt3	—	X	X	X	—	X	X	X	X	X	X	X	X	X
MD21-01-0314	21-11218	8–9	Qbt3	—	X	X	X	—	X	X	X	X	X	X	X	X	X
MD21-01-0315	21-11218	12–13	Qbt3	—	X	X	X	—	X	X	X	X	X	X	X	X	X
MD21-01-0298	21-11218	17–18	Qbt3	—	X	X	X	—	X	X	X	X	X	X	X	X	X
MD21-01-0300	21-11219	8–9	Qbt3	—	X	X	X	—	X	X	X	X	X	X	X	X	X
MD21-01-0301	21-11219	12–13	Qbt3	—	X	X	X	—	X	X	X	X	X	X	X	X	X
MD21-01-0306	21-11219	17–18	Qbt3	—	X	X	X	—	X	X	X	X	X	X	X	X	X
MD21-01-0307	21-11220	2–3	Fill	—	X	X	X	—	X	X	X	X	X	X	X	X	X
MD21-01-0310	21-11220	5–6	Fill	—	X	X	X	—	X	X	X	X	X	X	X	X	X
MD21-01-0311	21-11221	4–5	Qbt3	—	X	X	X	—	X	X	X	X	X	X	X	X	X
MD21-01-0304	21-11221	7–8	Qbt3	—	X	X	X	—	X	X	X	X	X	X	X	X	X

Table 2.4-1 (cont.)

Sample ID	Location ID	Depth (ft)	Media	Anions	Metals	PCBs	Pesticides	Pesticides/PCBs	SVOCs	VOCs	Am-241	Gamma Spectroscopy	Tritium	Isotopic Plutonium	Isotopic Thorium	Isotopic Uranium	Strontium-90
September 2002 Area 3 Samples																	
MD21-02-49583	21-02-21260	0–0.5	Soil	X	X	X	—	—	X	—	X	—	—	X	—	—	—
MD21-02-49585	21-02-21261	0–0.5	Soil	X	X	X	—	—	X	—	X	—	—	X	—	—	—
MD21-02-49603	21-02-21261	0–0.5	Soil	X	X	X	—	—	X	—	X	—	—	X	—	—	—
MD21-02-49586	21-02-21261	0.5–0.67	Soil	X	X	X	—	—	X	—	X	—	—	X	—	—	—
MD21-02-49587	21-02-21262	0–0.5	Soil	X	X	X	—	—	X	—	X	—	—	X	—	—	—
MD21-02-49589	21-02-21263	0–0.5	Soil	X	X	X	—	—	X	—	X	—	—	X	—	—	—
MD21-02-49591	21-02-21264	0–0.5	Soil	X	X	X	—	—	X	—	X	—	—	X	—	—	—
MD21-02-49592	21-02-21264	0.5–1	Soil	X	X	X	—	—	X	—	X	—	—	X	—	—	—
MD21-02-49593	21-02-21265	0–0.5	Soil	X	X	X	—	—	X	—	X	—	—	X	—	—	—
MD21-02-49595	21-02-21266	0–0.5	Soil	X	X	X	—	—	X	—	X	—	—	X	—	—	—
MD21-02-49597	21-02-21267	0–0.5	Soil	X	X	X	—	—	X	—	X	—	—	X	—	—	—
MD21-02-49598	21-02-21267	0.5–1	Soil	X	X	X	—	—	X	—	X	—	—	X	—	—	—
MD21-02-49599	21-02-21268	0–0.5	Soil	X	X	X	—	—	X	—	X	—	—	X	—	—	—

[a] A dash indicates no analysis was conducted for this constituent.

[b] An "X" indicates analysis for this constituent was conducted.

Table 2.4-2
Frequency of Detected Inorganic Chemicals

Analyte	Media	Number of Analyses	Number of Detects	Concentration Range (mg/kg)	Background Value (mg/kg)	Frequency of Detects > Background Value	Frequency of Non-detects > Background Value
Aluminum	Soil	48	48	1910 to 28000	29200	0/48	0/48
	Fill	8	8	10.9 to 21000	29200	0/8	0/8
	Qbt3	46	46	0.474 to 25000	7340	5/46	0/46
Antimony	Soil	41	8	0.0584 to [11][a]	0.83	1/41	24/41
	Fill	4	0	[0.002 to 0.85]	0.83	0/4	2/4
	Qbt3	24	0	[0.000027 to 11]	0.5	0/24	15/24
Arsenic	Soil	48	48	0.55 to 8.3	8.17	1/48	0/48
	Fill	8	8	0.00233 to 7.4	8.17	0/8	0/8
	Qbt3	46	44	0.00179 to 8.2	2.79	6/46	0/46
Barium	Soil	48	48	23.7 to 304	295	1/48	0/48
	Fill	8	8	0.0827 to 110	295	0/8	0/8
	Qbt3	46	45	0.00548 to 271	46	10/46	0/46
Beryllium	Soil	48	46	0.31 to 1.8	1.83	0/48	0/48
	Fill	8	8	0.000598 to 1.5	1.83	0/8	0/8
	Qbt3	46	38	0.000095 to 1.8	1.21	1/46	0/46
Cadmium	Soil	48	18	[0.08] to 1	0.4	12/48	26/48
	Fill	8	4	0.000052 to 0.17	0.4	0/8	0/8
	Qbt3	46	2	[0.005 to 0.74]	1.63	0/46	0/46
Calcium	Soil	48	48	769 to 6700	6120	1/48	0/48
	Fill	8	8	1.98 to 7700	6120	1/8	0/8
	Qbt3	46	45	0.697 to 123000	2200	11/46	0/46
Chromium	Soil	48	48	1.8 to 44.7	19.3	7/48	0/48
	Fill	8	8	8.02E-03 to 20	19.3	1/8	0/8
	Qbt3	46	45	0.00283 to 77.5	7.14	21/46	0/46
Cobalt	Soil	48	48	1.16 to 6.8	8.64	0/48	0/48
	Fill	8	8	0.00186 to 5.4	8.64	0/8	0/8
	Qbt3	46	34	0.000201 to 5.7	3.14	2/46	0/46
Copper	Soil	48	46	1.8 to 22.2	14.7	5/48	0/48
	Fill	8	8	0.00476 to 9	14.7	0/8	0/8
	Qbt3	46	41	5.88E-04 to 15.1	4.66	8/46	0/46
Iron	Soil	48	48	1960 to 19000	21500	0/48	0/48
	Fill	8	8	8.91 to 17000	21500	0/8	0/8
	Qbt3	46	46	3.92 to 17000	14500	1/46	0/46
Lead	Soil	48	48	4 to 144	22.3	12/48	0/48
	Fill	8	8	0.00899 to 50	22.3	1/8	0/8
	Qbt3	46	46	0.00288 to 26	11.2	8/46	0/46
Lithium	Qbt3	4	2	[1.7] to 14.8	N/A[b]	N/A	N/A
Magnesium	Soil	48	48	392 to 3700	4610	0/48	0/48
	Fill	8	8	2.51 to 2700	4610	0/8	0/8
	Qbt3	45	39	0.202 to 8840	1690	7/45	0/45

Table 2.4-2 (cont.)

Analyte	Media	Number of Analyses	Number of Detects	Concentration Range (mg/kg)	Background Value (mg/kg)	Frequency of Detects > Background Value	Frequency of Non-detects > Background Value
Manganese	Soil	48	48	122 to 458	671	0/48	0/48
	Fill	6	6	0.185 to 300	671	0/6	0/6
	Qbt3	36	36	0.143 to 270	482	0/36	0/36
Mercury	Soil	48	39	0.0111 to 14.7	0.1	31/48	4/48
	Fill	8	7	7.0E-06 to 0.63	0.1	4/8	0/8
	Qbt3	42	11	0.000005 to 0.25	0.1	4/42	2/42
Molybdenum	Qbt3	4	0	[6 to 7.2]	N/A	N/A	N/A
Nickel	Soil	48	47	1.9 to 9.9	15.4	0/48	0/48
	Fill	8	8	5.51E-03 to 9.8	15.4	0/8	0/8
	Qbt3	46	38	0.00111 to 35.4	6.58	15/46	0/46
Perchlorate	Soil	12	1	0.0532 to [0.314]	N/A	N/A	N/A
Potassium	Soil	48	48	463 to 3100	3460	0/48	0/48
	Fill	8	8	1.86 to 3000	3460	0/8	0/8
	Qbt3	46	38	0.196 to 2500	3500	0/46	0/46
Selenium	Soil	48	20	[0.22 to 1.1]	1.52	0/48	0/48
	Fill	8	7	0.000451 to 1.67	1.52	1/8	0/8
	Qbt3	46	29	5.04E-04 to [1.1]	0.3	23/46	13/46
Silver	Soil	48	12	0.0466 to [2.3]	1	0/48	29/48
	Fill	8	3	0.000038 to [0.49]	1	0/8	0/8
	Qbt3	46	7	0.000017 to [2.2]	1	0/46	12/46
Sodium	Soil	48	46	47.9 to 440	915	0/48	0/48
	Fill	8	8	0.88 to 800	915	0/8	0/8
	Qbt3	42	35	0.131 to 240	2770	0/42	0/42
Strontium	Qbt3	4	3	[1.4] to 415	N/A	N/A	N/A
Thallium	Soil	48	13	0.0507 to [2.3]	0.73	1/48	12/48
	Fill	8	4	0.000099 to 0.168	0.73	0/8	0/8
	Qbt3	46	7	0.000127 to [2.2]	1.1	1/46	9/46
Vanadium	Soil	48	48	4 to 37.8	39.6	0/48	0/48
	Fill	8	8	0.0104 to 32	39.6	0/8	0/8
	Qbt3	46	36	0.00155 to 28	17	3/46	0/46
Zinc	Soil	48	48	10.3 to 316	48.8	19/48	0/48
	Fill	8	8	0.0247 to 76	48.8	1/8	0/8
	Qbt3	46	46	0.0159 to 150	63.5	3/46	0/46

Note: Samples with field duplicates are counted as one result.

[a] Brackets indicate non-detected result.

[b] N/A indicates that no background value is available.

Table 2.4-3
Analytical Results of Inorganic Chemicals above BVs at SWMU 21-024(i)
(all results in units of mg/kg)

Sample ID	Location ID	Depth (ft)	Media	Sample QC type	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium
Soil and Fill BV[a]					**29200**	**0.83**	**8.17**	**295**	**1.83**	**0.4**	**6120**	**19.3**
Qbt 2,3,4 BV					**7340**	**0.5**	**2.79**	**46**	**1.21**	**1.63**	**2200**	**7.14**
AAA4129	21-01672	0.00–5.00	Qbt3	N[b]	13100	—[c]	3.8	235	—	—	74400	—
AAA4131	21-01672	5.00–10.00	Qbt3	N	—	—	—	157	—	—	67000	—
AAA4132	21-01672	10.00–15.00	Qbt3	N	9290	—	—	271	—	—	123000	—
AAA4133	21-01672	15.00–20.00	Qbt3	N	—	—	—	—	—	—	—	—
MD21-02-49583	21-02-21260	0.00–0.50	Soil	N	—	—	—	—	—	—	—	—
MD21-02-49585	21-02-21261	0.00–0.50	Soil	N	—	—	—	—	—	0.881	—	44.7
MD21-02-49603	21-02-21261	0.00–0.50	Soil	FD[d]	—	—	—	—	—	1.13	—	36.8
MD21-02-49586	21-02-21261	0.50–0.67	Soil	N	—	—	—	—	—	0.748	—	—
MD21-02-49587	21-02-21262	0.00–0.50	Soil	N	—	—	—	—	—	—	—	—
MD21-02-49589	21-02-21263	0.00–0.50	Soil	N	—	—	—	—	—	—	—	—
MD21-02-49591	21-02-21264	0.00–0.50	Soil	N	—	—	—	—	—	0.981	—	35.5
MD21-02-49592	21-02-21264	0.50–1.00	Soil	N	—	—	—	—	—	—	—	—
MD21-02-49593	21-02-21265	0.00–0.50	Soil	N	—	—	—	—	—	0.459 (J)[e]	—	—
MD21-02-49595	21-02-21266	0.00–0.50	Soil	N	—	—	—	—	—	0.608	—	—
MD21-02-49597	21-02-21267	0.00–0.50	Soil	N	—	—	—	—	—	0.478 (J)	—	—
MD21-02-49598	21-02-21267	0.50–1.00	Soil	N	—	—	—	—	—	0.422 (J)	—	—
MD21-02-49599	21-02-21268	0.00–0.50	Soil	N	—	—	—	—	—	0.683	—	—
0121-97-0902	21-05112	7.00–9.00	Soil	N	—	0.92 (UJ)[f]	—	—	—	—	—	—
0121-97-0903	21-05113	7.00–9.00	Soil	N	—	0.93 (UJ)	—	—	—	—	—	—
0121-97-0904	21-05114	8.00–10.00	Soil	N	—	11 (UJ)	—	—	—	0.54 (U)	—	—
0121-97-0905	21-05115	8.00–10.00	Soil	N	—	11 (UJ)	—	—	—	0.54 (U)	—	—
0121-97-1236	21-05355	0.00–0.50	Soil	N	—	5.8 (U)[g]	—	—	—	0.87 (U)	—	30.2
0121-97-1238	21-05355	0.50–1.00	Soil	N	—	5.5 (U)	—	304	—	0.98 (J)	—	36.9

Table 2.4-3 (cont.)

Sample ID	Location ID	Depth (ft)	Media	Sample QC type	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium
Soil and Fill BV[a]					**29200**	**0.83**	**8.17**	**295**	**1.83**	**0.4**	**6120**	**19.3**
Qbt 2,3,4 BV					**7340**	**0.5**	**2.79**	**46**	**1.21**	**1.63**	**2200**	**7.14**
0121-97-1226	21-05357	0.00–0.50	Soil	N	—	5.9 (U)	—	—	—	0.89 (U)	—	—
0121-97-1231	21-05357	0.50–1.00	Soil	N	—	6.1 (U)	—	—	—	0.92 (U)	—	—
0121-97-1221	21-05362	0.00–0.50	Soil	N	—	6.6 (J)	—	—	—	1 (J)	—	42.5
0121-97-1223	21-05362	0.50–1.00	Soil	N	—	5.5 (U)	—	—	—	0.82 (U)	—	25
0121-97-1224	21-05379	0.00–0.50	Soil	N	—	5.7 (U)	—	—	—	0.86 (U)	—	26.5
0121-97-1225	21-05379	0.50–1.00	Soil	N	—	5.9 (U)	—	—	—	0.89 (U)	—	—
0121-97-1230	21-05389	0.00–0.50	Soil	N	—	5.9 (U)	—	—	—	0.89 (U)	—	—
0121-97-1229	21-05389	0.50–1.00	Soil	N	—	6.1 (U)	—	—	—	0.91 (U)	—	—
0121-97-1228	21-05404	0.00–0.50	Soil	N	—	6 (U)	—	—	—	0.89 (U)	—	—
0121-97-1235	21-05404	0.50–1.00	Soil	N	—	5.9 (U)	—	—	—	0.88 (U)	—	—
0121-97-1239	21-05404	1.00–1.50	Soil	N	—	5.9 (U)	—	—	—	0.89 (U)	—	—
0121-97-1237	21-05418	0.00–0.50	Soil	N	—	5.7 (U)	—	—	—	0.85 (U)	—	—
0121-97-1241	21-05418	0.50–1.00	Soil	N	—	7.3 (U)	—	—	—	0.7	—	—
0121-97-1227	21-05422	0.00–0.50	Soil	N	—	5.7 (U)	—	—	—	0.86 (U)	—	—
0121-97-1240	21-05422	0.50–1.00	Soil	N	—	5.7 (U)	—	—	—	0.85 (U)	—	—
0121-97-1232	21-05425	0.00–0.50	Soil	N	—	5.6 (U)	—	—	—	0.84 (U)	—	—
0121-97-1234	21-05425	0.50–1.00	Soil	N	—	5.7 (U)	—	—	—	0.85 (U)	—	—
0121-97-1233	21-05425	1.00–1.50	Soil	N	—	5.7 (U)	—	—	—	0.85 (U)	—	—
0121-97-1222	21-05425	1.50–2.00	Soil	N	—	5.6 (U)	—	—	—	0.85 (U)	—	—
0121-97-1452	21-05511	0.00–0.50	Soil	N	—	—	—	—	—	—	—	—
0121-97-1453	21-05512	0.00–0.50	Soil	N	—	—	—	—	—	—	—	—
0121-97-1454	21-05513	0.00–0.50	Soil	N	—	—	—	—	—	—	—	—
0121-97-1455	21-05514	0.00–0.50	Soil	N	—	—	—	—	—	—	—	—
MD21-98-0049	21-10501	0.00–0.50	Qbt3	N	—	—	—	—	—	—	—	—
MD21-98-0048	21-10502	0.00–0.50	Soil	N	—	—	—	—	—	0.56	—	—
MD21-98-0047	21-10503	0.00–0.50	Soil	N	—	—	—	—	—	0.57 (U)	—	—

Table 2.4-3 (cont.)

Sample ID	Location ID	Depth (ft)	Media	Sample QC type	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium
Soil and Fill BV[a]					**29200**	**0.83**	**8.17**	**295**	**1.83**	**0.4**	**6120**	**19.3**
Qbt 2,3,4 BV					**7340**	**0.5**	**2.79**	**46**	**1.21**	**1.63**	**2200**	**7.14**
MD21-98-0045	21-10504	0.00–0.50	Qbt3	N	14000	—	5.6	54	—	—	—	8.1
MD21-98-0046	21-10505	0.00–0.50	Soil	N	—	—	—	—	—	0.56 (U)	—	—
MD21-98-0044	21-10506	0.00–0.50	Qbt3	N	—	—	—	—	—	—	—	—
MD21-98-0043	21-10507	0.00–0.50	Qbt3	N	15000	—	5.6	62	—	—	—	8.5
MD21-98-0042	21-10508	0.00–0.50	Soil	N	—	—	8.3	—	—	0.54 (U)	—	—
MD21-98-0041	21-10509	0.00–0.50	Soil	N	—	—	—	—	—	0.55 (U)	6700	—
MD21-98-0040	21-10510	0.00–0.50	Qbt3	N	—	—	4.5	—	—	—	—	—
MD21-98-0039	21-10511	0.00–0.50	Qbt3	N	—	—	—	—	—	—	—	—
MD21-98-0038	21-10512	0.00–0.50	Qbt3	N	—	—	—	—	—	—	—	—
MD21-98-0037	21-10513	0.00–0.50	Qbt3	N	25000	11 (UJ)	8.2	110	1.8	—	3100	16
MD21-98-0036	21-10514	0.00–0.50	Soil	N	—	—	—	—	—	0.56 (U)	—	—
MD21-98-0035	21-10515	0.00–0.50	Qbt3	N	—	—	—	—	—	—	—	—
MD21-98-0034	21-10516	0.00–0.50	Soil	N	—	—	—	—	—	0.53 (U)	—	—
MD21-01-0001	21-11191	0.50–1.17	Fill	N	—	—	—	—	—	—	—	20
MD21-01-0003	21-11191	3.00–3.50	Qbt3	N	—	—	—	—	—	—	—	—
MD21-01-0002	21-11192	0.50–1.00	Fill	N	—	—	—	—	—	—	—	—
MD21-01-0004	21-11192	3.00–3.50	Qbt3	N	—	—	—	—	—	—	3300	9.2 (J)
MD21-01-0005	21-11193	0.83–1.33	Qbt3	N	—	—	—	—	—	—	—	—
MD21-01-0007	21-11193	4.00–5.50	Qbt3	N	—	—	—	—	—	—	—	—
MD21-01-0010	21-11193	4.00–5.50	Qbt3	FD	—	—	—	—	—	—	—	—
MD21-01-0008	21-11194	0.83–1.33	Fill	N	—	—	—	—	—	—	7700	—
MD21-01-0009	21-11194	4.00–4.50	Qbt3	N	—	—	—	—	—	—	—	7.7
MD21-01-0013	21-11196	3.00–3.50	Qbt3	N	—	—	—	58	—	—	3600	—
MD21-01-0014	21-11196	4.50–5.50	Qbt3	N	—	—	—	—	—	—	—	—
MD21-01-0015	21-11197	2.33–3.33	Qbt3	N	—	—	—	—	—	—	—	13
MD21-01-0016	21-11197	5.33–6.33	Qbt3	N	—	—	—	—	—	—	—	—

Table 2.4-3 (cont.)

Sample ID	Location ID	Depth (ft)	Media	Sample QC type	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium
Soil and Fill BV[a]					**29200**	**0.83**	**8.17**	**295**	**1.83**	**0.4**	**6120**	**19.3**
Qbt 2,3,4 BV					**7340**	**0.5**	**2.79**	**46**	**1.21**	**1.63**	**2200**	**7.14**
MD21-01-0017	21-11198	2.33–3.33	Qbt3	N	—	—	3.6	160	—	—	73000	—
MD21-01-0018	21-11198	5.33–6.33	Qbt3	N	—	—	—	—	—	—	—	11
MD21-01-0019	21-11199	8.00–9.00	Qbt3	N	—	—	—	—	—	—	—	—
MD21-01-0020	21-11199	12.00–13.00	Qbt3	N	—	—	—	—	—	—	—	17
MD21-01-0054	21-11200	8.00–9.00	Qbt3	N	—	—	—	—	—	—	—	11
MD21-01-0055	21-11200	12.00–13.00	Qbt3	N	—	—	—	—	—	—	—	—
MD21-01-0056	21-11200	17.00–18.00	Qbt3	N	—	—	—	—	—	—	—	13
MD21-01-0302	21-11216	8.25–9.00	Qbt3	N	—	0.82 (U)	—	—	—	—	—	19.9
MD21-01-0303	21-11216	12.00–13.00	Qbt3	N	—	0.82 (U)	—	—	—	—	—	21.2
MD21-01-0309	21-11216	17.17–18.00	Qbt3	N	—	0.82 (U)	—	—	—	—	—	39.6
MD21-01-0308	21-11217	8.00–9.17	Qbt3	N	—	0.89 (U)	—	—	—	—	5090	23.6
MD21-01-0312	21-11217	8.00–9.17	Qbt3	FD	—	0.88 (U)	—	—	—	—	5120	20.5
MD21-01-0313	21-11217	12.00–13.00	Qbt3	N	—	0.82 (U)	—	—	—	—	—	27.4
MD21-01-0299	21-11217	17.00–17.75	Qbt3	N	—	0.89 (U)	—	—	—	—	—	9.8
MD21-01-0314	21-11218	8.00–9.00	Qbt3	N	—	0.82 (U)	—	—	—	—	—	21.8
MD21-01-0315	21-11218	12.00–13.00	Qbt3	N	—	0.82 (U)	—	—	—	—	—	48.6
MD21-01-0298	21-11218	17.00–18.00	Qbt3	N	—	0.82 (U)	—	—	—	—	—	74.5
MD21-01-0300	21-11219	8.00–9.00	Qbt3	N	—	0.86 (U)	—	48.7	—	—	11300	—
MD21-01-0301	21-11219	12.00–13.00	Qbt3	N	—	0.83 (U)	—	—	—	—	—	56.9
MD21-01-0306	21-11219	17.00–18.00	Qbt3	N	—	0.84 (U)	—	—	—	—	2940	77.5
MD21-01-0307	21-11220	2.00–3.00	Fill	N	—	0.85 (U)	—	—	—	—	—	—
MD21-01-0310	21-11220	5.00–6.00	Fill	N	—	0.85 (U)	—	—	—	—	—	—
MD21-01-0311	21-11221	4.00–5.00	Qbt3	N	—	0.87 (U)	—	54	—	—	6880	—
MD21-01-0304	21-11221	7.00–8.00	Qbt3	N	—	0.82 (U)	—	—	—	—	—	—

Table 2.4-3 (cont.)

Sample ID	Location ID	Depth (ft)	Media	Sample QC type	Cobalt	Copper	Iron	Lead	Lithium	Magnesium	Mercury
Soil and Fill BV					**8.64**	**14.7**	**21500**	**22.3**	**N/A[h]**	**4610**	**0.1**
Qbt 2,3,4 BV					**3.14**	**4.66**	**14500**	**11.2**	**N/A**	**1690**	**0.1**
AAA4129	21-01672	0.00–5.00	Qbt3	N	—	8.2	—	15.7	14.8	6440	—
AAA4131	21-01672	5.00–10.00	Qbt3	N	—	—	—	—	—	5660	—
AAA4132	21-01672	10.00–15.00	Qbt3	N	—	6.7	—	12.3	13.1	8840	—
AAA4133	21-01672	15.00–20.00	Qbt3	N	—	—	—	—	—	—	—
MD21-02-49583	21-02-21260	0.00–0.50	Soil	N	—	—	—	22.8	—	—	0.703
MD21-02-49585	21-02-21261	0.00–0.50	Soil	N	—	21.2	—	115	—	—	10.9
MD21-02-49603	21-02-21261	0.00–0.50	Soil	FD	—	18.8	—	91.5	—	—	11.5
MD21-02-49586	21-02-21261	0.50–0.67	Soil	N	—	—	—	46.8	—	—	6.17
MD21-02-49587	21-02-21262	0.00–0.50	Soil	N	—	—	—	—	—	—	—
MD21-02-49589	21-02-21263	0.00–0.50	Soil	N	—	—	—	—	—	—	0.172
MD21-02-49591	21-02-21264	0.00–0.50	Soil	N	—	18.8	—	93.4	—	—	9.93
MD21-02-49592	21-02-21264	0.50–1.00	Soil	N	—	—	—	22.6	—	—	0.791
MD21-02-49593	21-02-21265	0.00–0.50	Soil	N	—	—	—	—	—	—	0.203
MD21-02-49595	21-02-21266	0.00–0.50	Soil	N	—	—	—	27.4	—	—	1.76
MD21-02-49597	21-02-21267	0.00–0.50	Soil	N	—	—	—	—	—	—	1.7
MD21-02-49598	21-02-21267	0.50–1.00	Soil	N	—	—	—	—	—	—	0.261
MD21-02-49599	21-02-21268	0.00–0.50	Soil	N	—	—	—	33	—	—	2.91
0121-97-0902	21-05112	7.00–9.00	Soil	N	—	—	—	—	—	—	0.46
0121-97-0903	21-05113	7.00–9.00	Soil	N	—	—	—	—	—	—	1.7
0121-97-0904	21-05114	8.00–10.00	Soil	N	—	—	—	—	—	—	0.11 (U)
0121-97-0905	21-05115	8.00–10.00	Soil	N	—	—	—	—	—	—	0.11 (U)
0121-97-1236	21-05355	0.00–0.50	Soil	N	—	15	—	97.4	—	—	5.5
0121-97-1238	21-05355	0.50–1.00	Soil	N	—	22.2	—	107	—	—	14.7
0121-97-1226	21-05357	0.00–0.50	Soil	N	—	—	—	—	—	—	—

Table 2.4-3 (cont.)

Sample ID	Location ID	Depth (ft)	Media	Sample QC type	Cobalt	Copper	Iron	Lead	Lithium	Magnesium	Mercury
Soil and Fill BV					**8.64**	**14.7**	**21500**	**22.3**	**N/A**	**4610**	**0.1**
Qbt 2,3,4 BV					**3.14**	**4.66**	**14500**	**11.2**	**N/A**	**1690**	**0.1**
0121-97-1231	21-05357	0.50–1.00	Soil	N	—	—	—	—	—	—	—
0121-97-1221	21-05362	0.00–0.50	Soil	N	—	17.1	—	144	—	—	9.1
0121-97-1223	21-05362	0.50–1.00	Soil	N	—	—	—	83.6	—	—	5.1
0121-97-1224	21-05379	0.00–0.50	Soil	N	—	—	—	76.9	—	—	7.2
0121-97-1225	21-05379	0.50–1.00	Soil	N	—	—	—	—	—	—	2.4
0121-97-1230	21-05389	0.00–0.50	Soil	N	—	—	—	—	—	—	0.27
0121-97-1229	21-05389	0.50–1.00	Soil	N	—	—	—	—	—	—	0.17
0121-97-1228	21-05404	0.00–0.50	Soil	N	—	—	—	—	—	—	0.16
0121-97-1235	21-05404	0.50–1.00	Soil	N	—	—	—	—	—	—	—
0121-97-1239	21-05404	1.00–1.50	Soil	N	—	—	—	—	—	—	—
0121-97-1237	21-05418	0.00–0.50	Soil	N	—	—	—	—	—	—	—
0121-97-1241	21-05418	0.50–1.00	Soil	N	—	—	—	—	—	—	—
0121-97-1227	21-05422	0.00–0.50	Soil	N	—	—	—	—	—	—	0.78
0121-97-1240	21-05422	0.50–1.00	Soil	N	—	—	—	—	—	—	0.2
0121-97-1232	21-05425	0.00–0.50	Soil	N	—	—	—	—	—	—	0.11
0121-97-1234	21-05425	0.50–1.00	Soil	N	—	—	—	—	—	—	—
0121-97-1233	21-05425	1.00–1.50	Soil	N	—	—	—	—	—	—	—
0121-97-1222	21-05425	1.50–2.00	Soil	N	—	—	—	—	—	—	—
0121-97-1452	21-05511	0.00–0.50	Soil	N	—	—	—	—	—	—	—
0121-97-1453	21-05512	0.00–0.50	Soil	N	—	—	—	—	—	—	0.11
0121-97-1454	21-05513	0.00–0.50	Soil	N	—	—	—	—	—	—	—
0121-97-1455	21-05514	0.00–0.50	Soil	N	—	—	—	—	—	—	—
MD21-98-0049	21-10501	0.00–0.50	Qbt3	N	—	—	—	—	—	—	0.12
MD21-98-0048	21-10502	0.00–0.50	Soil	N	—	—	—	—	—	—	0.13
MD21-98-0047	21-10503	0.00–0.50	Soil	N	—	—	—	—	—	—	0.11 (U)

Table 2.4-3 (cont.)

Sample ID	Location ID	Depth (ft)	Media	Sample QC type	Cobalt	Copper	Iron	Lead	Lithium	Magnesium	Mercury
Soil and Fill BV					**8.64**	**14.7**	**21500**	**22.3**	**N/A**	**4610**	**0.1**
Qbt 2,3,4 BV					**3.14**	**4.66**	**14500**	**11.2**	**N/A**	**1690**	**0.1**
MD21-98-0045	21-10504	0.00–0.50	Qbt3	N	3.3	5.3	—	—	—	1700	0.13
MD21-98-0046	21-10505	0.00–0.50	Soil	N	—	—	—	—	—	—	0.16
MD21-98-0044	21-10506	0.00–0.50	Qbt3	N	—	—	—	—	—	—	—
MD21-98-0043	21-10507	0.00–0.50	Qbt3	N	—	6.5	—	—	—	1700	0.11 (U)
MD21-98-0042	21-10508	0.00–0.50	Soil	N	—	—	—	—	—	—	1.7
MD21-98-0041	21-10509	0.00–0.50	Soil	N	—	—	—	—	—	—	0.14
MD21-98-0040	21-10510	0.00–0.50	Qbt3	N	—	—	—	—	—	—	0.11 (U)
MD21-98-0039	21-10511	0.00–0.50	Qbt3	N	—	—	—	13	—	—	—
MD21-98-0038	21-10512	0.00–0.50	Qbt3	N	—	—	—	—	—	—	—
MD21-98-0037	21-10513	0.00–0.50	Qbt3	N	5.7	8	17000	26	—	2900	0.18
MD21-98-0036	21-10514	0.00–0.50	Soil	N	—	—	—	—	—	—	0.11 (U)
MD21-98-0035	21-10515	0.00–0.50	Qbt3	N	—	—	—	—	—	—	—
MD21-98-0034	21-10516	0.00–0.50	Soil	N	—	—	—	—	—	—	0.22
MD21-01-0001	21-11191	0.50–1.17	Fill	N	—	—	—	50	—	—	0.45
MD21-01-0003	21-11191	3.00–3.50	Qbt3	N	—	—	—	12	—	—	—
MD21-01-0002	21-11192	0.50–1.00	Fill	N	—	—	—	—	—	—	0.11 (J)
MD21-01-0004	21-11192	3.00–3.50	Qbt3	N	—	—	—	14	—	—	—
MD21-01-0005	21-11193	0.83–1.33	Qbt3	N	—	—	—	—	—	—	—
MD21-01-0007	21-11193	4.00–5.50	Qbt3	N	—	6	—	—	—	—	—
MD21-01-0010	21-11193	4.00–5.50	Qbt3	FD	—	—	—	—	—	—	—
MD21-01-0008	21-11194	0.83–1.33	Fill	N	—	—	—	—	—	—	—
MD21-01-0009	21-11194	4.00–4.50	Qbt3	N	—	—	—	—	—	—	—
MD21-01-0013	21-11196	3.00–3.50	Qbt3	N	—	—	—	—	—	—	0.25
MD21-01-0014	21-11196	4.50–5.50	Qbt3	N	—	—	—	—	—	—	—
MD21-01-0015	21-11197	2.33–3.33	Qbt3	N	—	—	—	—	—	—	—

Table 2.4-3 (cont.)

Sample ID	Location ID	Depth (ft)	Media	Sample QC type	Cobalt	Copper	Iron	Lead	Lithium	Magnesium	Mercury
Soil and Fill BV					**8.64**	**14.7**	**21500**	**22.3**	**N/A**	**4610**	**0.1**
Qbt 2,3,4 BV					**3.14**	**4.66**	**14500**	**11.2**	**N/A**	**1690**	**0.1**
MD21-01-0016	21-11197	5.33–6.33	Qbt3	N	—	—	—	—	—	—	—
MD21-01-0017	21-11198	2.33–3.33	Qbt3	N	—	—	—	—	—	2400	—
MD21-01-0018	21-11198	5.33–6.33	Qbt3	N	—	—	—	—	—	—	—
MD21-01-0019	21-11199	8.00–9.00	Qbt3	N	—	—	—	—	—	—	—
MD21-01-0020	21-11199	12.00–13.00	Qbt3	N	—	—	—	—	—	—	—
MD21-01-0054	21-11200	8.00–9.00	Qbt3	N	—	—	—	18	—	—	—
MD21-01-0055	21-11200	12.00–13.00	Qbt3	N	—	—	—	—	—	—	—
MD21-01-0056	21-11200	17.00–18.00	Qbt3	N	—	—	—	19	—	—	—
MD21-01-0302	21-11216	8.25–9.00	Qbt3	N	—	—	—	—	—	—	—
MD21-01-0303	21-11216	12.00–13.00	Qbt3	N	—	—	—	—	—	—	—
MD21-01-0309	21-11216	17.17–18.00	Qbt3	N	—	—	—	—	—	—	—
MD21-01-0308	21-11217	8.00–9.17	Qbt3	N	—	—	—	—	—	—	—
MD21-01-0312	21-11217	8.00–9.17	Qbt3	FD	—	—	—	—	—	1790	—
MD21-01-0313	21-11217	12.00–13.00	Qbt3	N	—	—	—	—	—	—	—
MD21-01-0299	21-11217	17.00–17.75	Qbt3	N	—	15.1 (J)	—	—	—	—	—
MD21-01-0314	21-11218	8.00–9.00	Qbt3	N	—	—	—	—	—	—	—
MD21-01-0315	21-11218	12.00–13.00	Qbt3	N	—	—	—	—	—	—	—
MD21-01-0298	21-11218	17.00–18.00	Qbt3	N	—	5.3 (J)	—	—	—	—	—
MD21-01-0300	21-11219	8.00–9.00	Qbt3	N	—	—	—	—	—	—	—
MD21-01-0301	21-11219	12.00–13.00	Qbt3	N	—	—	—	—	—	—	—
MD21-01-0306	21-11219	17.00–18.00	Qbt3	N	—	—	—	—	—	—	—
MD21-01-0307	21-11220	2.00–3.00	Fill	N	—	—	—	—	—	—	0.36
MD21-01-0310	21-11220	5.00–6.00	Fill	N	—	—	—	—	—	—	0.63
MD21-01-0311	21-11221	4.00–5.00	Qbt3	N	—	—	—	—	—	—	—
MD21-01-0304	21-11221	7.00–8.00	Qbt3	N	—	—	—	—	—	—	—

Table 2.4-3 (cont.)

Sample ID	Location ID	Depth (ft)	Media	Sample QC type	Nickel	Perchlorate	Selenium	Silver	Strontium	Thallium	Vanadium	Zinc
Soil and Fill BV					**15.4**	**N/A**	**1.52**	**1**	**N/A**	**0.73**	**39.6**	**48.8**
Qbt 2,3,4 BV					**6.58**	**N/A**	**0.3**	**1**	**N/A**	**1.1**	**17**	**63.5**
AAA4129	21-01672	0.00–5.00	Qbt3	N	14.8	—	0.52 (UJ)	1.2 (U)	223	—	—	—
AAA4131	21-01672	5.00–10.00	Qbt3	N	—	—	0.43 (UJ)	1.1 (U)	262	—	—	—
AAA4132	21-01672	10.00–15.00	Qbt3	N	—	—	0.45 (U)	1.1 (U)	415	—	—	—
AAA4133	21-01672	15.00–20.00	Qbt3	N	—	—	0.41 (UJ)	—	—	—	—	—
MD21-02-49583	21-02-21260	0.00–0.50	Soil	N	—	—	—	—	—	—	—	53
MD21-02-49585	21-02-21261	0.00–0.50	Soil	N		—	—	—	—	—	—	267
MD21-02-49603	21-02-21261	0.00–0.50	Soil	FD		—	—	—	—	—	—	231
MD21-02-49586	21-02-21261	0.50–0.67	Soil	N		—	—	—	—	—	—	114
MD21-02-49587	21-02-21262	0.00–0.50	Soil	N		—	—	—	—	—	—	—
MD21-02-49589	21-02-21263	0.00–0.50	Soil	N	—	0.0532 (J)	—	—	—	—	—	—
MD21-02-49591	21-02-21264	0.00–0.50	Soil	N	—	—	—	—	—	—	—	226
MD21-02-49592	21-02-21264	0.50–1.00	Soil	N	—	—	—	—	—	—	—	51.6
MD21-02-49593	21-02-21265	0.00–0.50	Soil	N	—	—	—	—	—	—	—	—
MD21-02-49595	21-02-21266	0.00–0.50	Soil	N	—	—	—	—	—	—	—	—
MD21-02-49597	21-02-21267	0.00–0.50	Soil	N	—	—	—	—	—	—	—	50.4
MD21-02-49598	21-02-21267	0.50–1.00	Soil	N	—	—	—	—	—	—	—	—
MD21-02-49599	21-02-21268	0.00–0.50	Soil	N	—	—	—	—	—	—	—	108
0121-97-0902	21-05112	7.00–9.00	Soil	N	—	—	—	—	—	0.92 (U)	—	—
0121-97-0903	21-05113	7.00–9.00	Soil	N	—	—	—	—	—	0.93 (U)	—	—
0121-97-0904	21-05114	8.00–10.00	Soil	N	—	—	—	2.2 (U)	—	—	—	—
0121-97-0905	21-05115	8.00–10.00	Soil	N	—	—	—	2.2 (U)	—	—	—	—
0121-97-1236	21-05355	0.00–0.50	Soil	N	—	—	—	1.5 (U)	—	—	—	236
0121-97-1238	21-05355	0.50–1.00	Soil	N	—	—	—	1.4 (U)	—	—	—	316
0121-97-1226	21-05357	0.00–0.50	Soil	N	—	—	—	1.5 (U)	—	—	—	—
0121-97-1231	21-05357	0.50–1.00	Soil	N/A	—	—	—	1.6 (U)	—	—	—	—
0121-97-1221	21-05362	0.00–0.50	Soil	N	—	—	—	1.4 (U)	—	—	—	199

Table 2.4-3 (cont.)

Sample ID	Location ID	Depth (ft)	Media	Sample QC type	Nickel	Perchlorate	Selenium	Silver	Strontium	Thallium	Vanadium	Zinc
Soil and Fill BV					**15.4**	**N/A**	**1.52**	**1**	**N/A**	**0.73**	**39.6**	**48.8**
Qbt 2,3,4 BV					**6.58**	**N/A**	**0.3**	**1**	**N/A**	**1.1**	**17**	**63.5**
0121-97-1223	21-05362	0.50–1.00	Soil	N	—	—	—	1.4 (U)	—	—	—	128
0121-97-1224	21-05379	0.00–0.50	Soil	N	—	—	—	1.5 (U)	—	—	—	162
0121-97-1225	21-05379	0.50–1.00	Soil	N	—	—	—	1.5 (U)	—	—	—	58.3
0121-97-1230	21-05389	0.00–0.50	Soil	N	—	—	—	1.5 (U)	—	—	—	—
0121-97-1229	21-05389	0.50–1.00	Soil	N	—	—	—	1.6 (U)	—	—	—	—
0121-97-1228	21-05404	0.00–0.50	Soil	N	—	—	—	1.5 (U)	—	—	—	—
0121-97-1235	21-05404	0.50–1.00	Soil	N	—	—	—	1.5 (U)	—	—	—	—
0121-97-1239	21-05404	1.00–1.50	Soil	N	—	—	—	1.5 (U)	—	—	—	—
0121-97-1237	21-05418	0.00–0.50	Soil	N	—	—	—	1.4 (U)	—	—	—	—
0121-97-1241	21-05418	0.50–1.00	Soil	N	—	—	—	—	—	—	—	—
0121-97-1227	21-05422	0.00–0.50	Soil	N	—	—	—	1.5 (U)	—	—	—	—
0121-97-1240	21-05422	0.50–1.00	Soil	N	—	—	—	1.4 (U)	—	—	—	—
0121-97-1232	21-05425	0.00–0.50	Soil	N	—	—	—	1.4 (U)	—	—	—	—
0121-97-1234	21-05425	0.50–1.00	Soil	N	—	—	—	1.4 (U)	—	—	—	—
0121-97-1233	21-05425	1.00–1.50	Soil	N	—	—	—	1.5 (U)	—	—	—	—
0121-97-1222	21-05425	1.50–2.00	Soil	N	—	—	—	1.4 (U)	—	—	—	—
0121-97-1452	21-05511	0.00–0.50	Soil	N	—	—	—	—	—	1.5 (J)	—	—
0121-97-1453	21-05512	0.00–0.50	Soil	N	—	—	—	—	—	0.98 (U)	—	—
0121-97-1454	21-05513	0.00–0.50	Soil	N	—	—	—	—	—	0.96 (U)	—	—
0121-97-1455	21-05514	0.00–0.50	Soil	N	—	—	—	—	—	0.97 (U)	—	—
MD21-98-0049	21-10501	0.00–0.50	Qbt3	N	—	—	1 (U)	2 (U)	—	2 (U)	—	—
MD21-98-0048	21-10502	0.00–0.50	Soil	N	—	—	—	2.2 (U)	—	2.2 (U)	—	57
MD21-98-0047	21-10503	0.00–0.50	Soil	N	—	—	—	2.3 (U)	—	2.3 (U)	—	53
MD21-98-0045	21-10504	0.00–0.50	Qbt3	N	—	—	1.1 (U)	2.2 (U)	—	2.2 (U)	20	77
MD21-98-0046	21-10505	0.00–0.50	Soil	N	—	—	—	2.2 (U)	—	2.2 (U)	—	60
MD21-98-0044	21-10506	0.00–0.50	Qbt3	N	—	—	1 (U)	2.1 (U)	—	2.1 (U)	—	—
MD21-98-0043	21-10507	0.00–0.50	Qbt3	N	—	—	1.1 (U)	2.2 (U)	—	2.2 (U)	19	150

Table 2.4-3 (cont.)

Sample ID	Location ID	Depth (ft)	Media	Sample QC type	Nickel	Perchlorate	Selenium	Silver	Strontium	Thallium	Vanadium	Zinc
Soil and Fill BV					**15.4**	**N/A**	**1.52**	**1**	**N/A**	**0.73**	**39.6**	**48.8**
Qbt 2,3,4 BV					**6.58**	**N/A**	**0.3**	**1**	**N/A**	**1.1**	**17**	**63.5**
MD21-98-0042	21-10508	0.00–0.50	Soil	N	—	—	—	2.2 (U)	—	2.2 (U)	—	93
MD21-98-0041	21-10509	0.00–0.50	Soil	N	—	—	—	2.2 (U)	—	2.2 (U)	—	67
MD21-98-0040	21-10510	0.00–0.50	Qbt3	N	—	—	1.1 (U)	2.2 (U)	—	2.2 (U)	—	140
MD21-98-0039	21-10511	0.00–0.50	Qbt3	N	—	—	1 (U)	2.1 (U)	—	2.1 (U)	—	—
MD21-98-0038	21-10512	0.00–0.50	Qbt3	N	—	—	1 (U)	2 (U)	—	2 (U)	—	—
MD21-98-0037	21-10513	0.00–0.50	Qbt3	N	8.3	—	1.1 (U)	2.2 (U)	—	2.2 (U)	28	—
MD21-98-0036	21-10514	0.00–0.50	Soil	N	—	—	—	2.2 (U)	—	2.2 (U)	—	54
MD21-98-0035	21-10515	0.00–0.50	Qbt3	N	—	—	1 (U)	2 (U)	—	2 (U)	—	—
MD21-98-0034	21-10516	0.00–0.50	Soil	N	—	—	—	2.1 (U)	—	2.1 (U)	—	—
MD21-01-0001	21-11191	0.50–1.17	Fill	N	—	—	—	—	—	—	—	76
MD21-01-0003	21-11191	3.00–3.50	Qbt3	N	—	—	0.358	—	—	—	—	—
MD21-01-0002	21-11192	0.50–1.00	Fill	N	—	—	1.67	—	—	—	—	—
MD21-01-0004	21-11192	3.00–3.50	Qbt3	N	—	—	0.367	—	—	—	—	—
MD21-01-0005	21-11193	0.83–1.33	Qbt3	N	—	—	0.308	—	—	—	—	—
MD21-01-0007	21-11193	4.00–5.50	Qbt3	N	—	—	0.756	—	—	—	—	—
MD21-01-0010	21-11193	4.00–5.50	Qbt3	FD	—	—	0.648	—	—	—	—	—
MD21-01-0008	21-11194	0.83–1.33	Fill	N	—	—	—	—	—	—	—	—
MD21-01-0009	21-11194	4.00–4.50	Qbt3	N	—	—	0.7	—	—	—	—	—
MD21-01-0013	21-11196	3.00–3.50	Qbt3	N	—	—	0.327 (J)	—	—	—	—	—
MD21-01-0014	21-11196	4.50–5.50	Qbt3	N	—	—	0.658	—	—	—	—	—
MD21-01-0015	21-11197	2.33–3.33	Qbt3	N	9.7	—	0.577	—	—	—	—	—
MD21-01-0016	21-11197	5.33–6.33	Qbt3	N	—	—	0.533	—	—	—	—	—
MD21-01-0017	21-11198	2.33–3.33	Qbt3	N	—	—	0.681	—	—	—	—	—
MD21-01-0018	21-11198	5.33–6.33	Qbt3	N	—	—	0.448	—	—	—	—	—
MD21-01-0019	21-11199	8.00–9.00	Qbt3	N	—	—	0.582	—	—	—	—	—
MD21-01-0020	21-11199	12.00–13.00	Qbt3	N	8.4	—	0.571	—	—	—	—	—
MD21-01-0054	21-11200	8.00–9.00	Qbt3	N	—	—	0.664	—	—	—	—	—

Table 2.4-3 (cont.)

Sample ID	Location ID	Depth (ft)	Media	Sample QC type	Nickel	Perchlorate	Selenium	Silver	Strontium	Thallium	Vanadium	Zinc
Soil and Fill BV					**15.4**	**N/A**	**1.52**	**1**	**N/A**	**0.73**	**39.6**	**48.8**
Qbt 2,3,4 BV					**6.58**	**N/A**	**0.3**	**1**	**N/A**	**1.1**	**17**	**63.5**
MD21-01-0055	21-11200	12.00–13.00	Qbt3	N	—	—	0.554	—	—	—	—	—
MD21-01-0056	21-11200	17.00–18.00	Qbt3	N	7.7	—	0.582	—	—	—	—	—
MD21-01-0302	21-11216	8.25–9.00	Qbt3	N	9.4	—	—	—	—	—	—	—
MD21-01-0303	21-11216	12.00–13.00	Qbt3	N	10.5	—	—	—	—	—	—	—
MD21-01-0309	21-11216	17.17–18.00	Qbt3	N	18.9	—	0.32 (J)	—	—	—	—	—
MD21-01-0308	21-11217	8.00–9.17	Qbt3	N	13.6	—	—	—	—	—	—	—
MD21-01-0312	21-11217	8.00–9.17	Qbt3	FD	11.1	—	—	—	—	—	—	—
MD21-01-0313	21-11217	12.00–13.00	Qbt3	N	13.2	—	—	—	—	—	—	—
MD21-01-0299	21-11217	17.00–17.75	Qbt3	N	—	—	0.4 (J-)[i]	—	—	—	—	—
MD21-01-0314	21-11218	8.00–9.00	Qbt3	N	11.2	—	0.38 (J)	—	—	—	—	—
MD21-01-0315	21-11218	12.00–13.00	Qbt3	N	23.3	—	—	—	—	—	—	—
MD21-01-0298	21-11218	17.00–18.00	Qbt3	N	33.2	—	0.46 (J-)	—	—	1.6 (J-)	—	—
MD21-01-0300	21-11219	8.00–9.00	Qbt3	N	—	—	—	—	—	—	—	—
MD21-01-0301	21-11219	12.00–13.00	Qbt3	N	28	—	0.32 (J)	—	—	—	—	—
MD21-01-0306	21-11219	17.00–18.00	Qbt3	N	35.4	—	—	—	—	—	—	—
MD21-01-0307	21-11220	2.00–3.00	Fill	N	—	—	—	—	—	—	—	—
MD21-01-0310	21-11220	5.00–6.00	Fill	N	—	—	—	—	—	—	—	—
MD21-01-0311	21-11221	4.00–5.00	Qbt3	N	—	—	0.41 (J-)	—	—	—	—	—
MD21-01-0304	21-11221	7.00–8.00	Qbt3	N	—	—	0.38 (J-)	—	—	—	—	—

[a] BV = Background value.
[b] N = Normal sample.
[c] — = Result does not exceed BV.
[d] FD = Field duplicate.
[e] (J) = Estimated value.
[f] (UJ) = Not detected, estimated value.
[g] (U) = Not detected.
[h] N/A = No BV is available.
[i] (J-) = Estimated value, biased low.

2.4.2.2 Comparison of Radionuclides with Background/Fallout Values

Radionuclides present at SWMU 21-024(i) fall into two categories: (1) those that are naturally occurring, and (2) those that occur in the environment due to atmospheric fallout. Radionuclides in both of these categories may also occur as a result of site contamination. Therefore, a background comparison is necessary to determine which radionuclides are COPCs at SWMU 21-024(i). BVs for naturally occurring radionuclides are media-specific, and apply regardless of the depth of a sample. BVs for fallout radionuclides are also media-specific, but apply only to surface materials (defined as samples collected from 0 to 0.5 ft bgs). If a fallout radionuclide was detected in samples deeper than 0–0.5 bgs, it was evaluated as a COPC. Table 2.4-4 summarizes the analytical data for radionuclides, including frequency of detection, range of concentrations, and comparison of the concentrations to Laboratory BVs (95% UTLs) (LANL 1998, 59730). Table 2.4-5 presents the analytical results for the radionuclides detected at concentrations greater than BVs.

The comparison of radionuclides to their respective BVs resulted in americium-241, cesium-137, plutonium-238, plutonium-239, thorium-228, thorium-230, tritium, uranium-234, uranium-235, and uranium-238 being identified as COPCs and retained for further evaluation. Cesium-134, cobalt-60, europium-152, ruthenium-106, sodium-22, and thorium-232 either were not detected or were detected at concentrations below BVs, and therefore were not evaluated further. Strontium-90 was eliminated as a COPC because it was detected in only one sample from SWMU 21-024(i).

Radionuclides with sample values greater than BVs were compared to the range of the background concentrations (LANL 1998, 59730). No radionuclides were eliminated as COPCs by comparing to the range of background concentrations. Therefore, the following radionuclides were retained as COPCs for further evaluation:

- Fill—tritium;
- Soil—americium-241, cesium-137, plutonium-239, tritium, and uranium-234, -235, and -238; and
- Tuff (Qbt3)—americium-241, plutonium-238, plutonium-239, thorium-228, thorium-230, tritium, and uranium-234, -235, and -238.

Table 2.4-4
Frequency of Detected Radionuclides

Analyte	Media	Number of Analyses	Number of Detects	Concentration Range (pCi/g)	Background Value (pCi/g)	Frequency of Detects > Background Value
Americium-241	Soil	43	7	[-0.1947 to 0.4377][a]	0.013	7/43
	Fill	8	0	[0 to 0.039]	0.013	0/8
	Qbt3	50	6	[-0.29 to 0.26]	N/A[b]	6/50
Cesium-134	Soil	30	0	[-0.056 to 0.0343]	N/A	0/30
	Fill	8	0	[-0.015 to 0.0704]	N/A	0/8
	Qbt3	41	0	[-0.035 to 0.122]	N/A	0/41
Cesium-137	Soil	32	18	[-0.017] to 1.03	1.65	4/32[c]
	Fill	8	0	[-0.0239 to 0.0216]	1.65	0/8
	Qbt3	49	0	[-0.09 to 1.04]	N/A	0/49

Table 2.4-4 (cont.)

Analyte	Media	Number of Analyses	Number of Detects	Concentration Range (pCi/g)	Background Value (pCi/g)	Frequency of Detects > Background Value
Cobalt-60	Soil	32	0	[-0.0458 to 0.0843]	N/A	0/32
	Fill	8	0	[-0.026 to 0.0334]	N/A	0/8
	Qbt3	41	0	[-0.1 to 0.06]	N/A	0/41
Europium-152	Soil	32	0	[-0.32 to 0.251]	N/A	0/32
	Fill	8	0	[-0.0956 to 0.29]	N/A	0/8
	Qbt3	42	0	[-0.1 to 0.4]	N/A	0/42
Plutonium-238	Soil	16	2	[-0.00135 to 0.023]	0.023	0/16
	Fill	8	1	[-0.000408] to 0.09	0.023	0/8
	Qbt3	40	1	[-0.009 to 0.036]	N/A	1/40
Plutonium-239	Soil	16	14	[0.009] to 2.94	0.054	14/16
	Fill	8	4	[0.00415] to 0.205	0.054	0/8
	Qbt3	40	6	[-0.0138] to 3.684	N/A	6/40
Ruthenium-106	Soil	32	0	[-0.51 to 0.57]	N/A	0/32
	Fill	8	0	[-0.42 to 0.156]	N/A	0/8
	Qbt3	41	0	[-0.71 to 0.49]	N/A	0/41
Sodium-22	Soil	32	0	[-0.06 to 0.1]	N/A	0/32
	Fill	1	0	[-0.032 to -0.032]	N/A	0/1
	Qbt3	12	0	[-0.061 to 0.0376]	N/A	0/12
Strontium-90	Fill	8	0	[0.0547 to 0.48]	1.31	0/8
	Qbt3	40	1	[-0.13 to 0.304]	N/A	1/40
Thorium-228	Soil	32	32	0.466 to 1.83	2.28	0/32
	Fill	8	8	1.34 to 2.17	2.28	0/8
	Qbt3	46	46	1.04 to 2.56	2.52	1/46
Thorium-230	Soil	32	32	0.317 to 1.4	2.29	0/32
	Fill	8	8	0.689 to 1.46	2.29	0/8
	Qbt3	46	45	[0.0764] to 2.27	1.98	1/46
Thorium-232	Soil	32	32	0.526 to 1.9	2.33	0/32
	Fill	8	8	1.34 to 2.01	2.33	0/8
	Qbt3	46	46	0.923 to 2.46	2.52	0/46
Tritium	Soil	30	27	[-0.03] to 1186.008	—[d]	27/30
	Fill	8	7	[0.4] to 186.4762	—	0/8
	Qbt3	49	43	[-0.21] to 4233.183	N/A	43/49
Uranium-234	Soil	32	32	0.178 to 7.25	2.59	6/32
	Fill	8	8	0.805 to 1.51	2.59	0/8
	Qbt3	49	46	0.5 to 13.038	1.98	2/49
Uranium-235	Soil	32	30	[0.011] to 0.306	0.2	3/32
	Fill	8	4	[0.007 to 0.0713]	0.2	0/8
	Qbt3	51	25	[-0.16] to 0.445	0.09	2/51
Uranium-238	Soil	32	32	0.176 to 3.45	2.29	3/32
	Fill	8	8	0.787 to 1.32	2.29	0/8
	Qbt3	49	46	0.555 to 6.005	1.93	1/49

Note: Samples with field duplicates are counted as one detect.

[a] Brackets indicate non-detect of results.

[b] N/A indicates that no BV is available.

[c] The background values for fallout radionuclides (e.g., americium-241, cesium-137, plutonium-238, -239, strontium-90 and tritium) apply to samples collected from 0 to 0.5 ft only. For example, although the four sample values of cesium-137 in soil are less than the BV of 1.65, they were collected at depths greater than 0.5 ft.

[d] Although there is a soil/fill BV for tritium (0.76 pCi/mL), it is not used for comparisons in this data set. Not enough information is available to convert all of the earlier tritium results to pCi/g for BV comparisons.

Table 2.4-5
Analytical Results of Detected Radionuclides above BVs at SWMU 21-024(i)
(all results in units of pCi/g)

Sample ID	Location ID	Depth (ft)	Media	Sample QC type	Americium-241	Cesium-137	Plutonium-238	Plutonium-239	Strontium-90	Thorium-228	Thorium-230	Tritium[a]	Uranium-234	Uranium-235	Uranium-238
Soil and Fill BV[b]					**0.013**	**1.65**	**0.023**	**0.054**	**1.31**	**2.28**	**2.29**	**N/A[c]**	**2.59**	**0.2**	**2.29**
Qbt 2,3,4 BV					**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**2.52**	**1.98**	**N/A**	**1.98**	**0.09**	**1.93**
AAA4033	21-01604	1.00–2.17	Qbt3	N[d]	0.015	—[e]	—	0.217	—	—	—	0.815	—	—	—
AAA4037	21-01605	1.00–1.50	Qbt3	N	0.009	—	—	0.231	—	—	—	10.7	1.992	—	—
AAA4040	21-01606	1.00–1.33	Qbt3	N	0.09	—	0.024	3.684	0.23	—	—	30.9	13.038	0.445	6.005
AAA4129	21-01672	0.00–5.00	Qbt3	N	—	—	—	—	—	—	—	100 (J)[f]	—	—	—
AAA4131	21-01672	5.00–10.00	Qbt3	N	0.01	—	—	—	—	—	—	990 (J)	—	—	—
AAA4132	21-01672	10.00–15.00	Qbt3	N	—	—	—	—	—	—	—	1336 (J)	—	—	—
AAA4133	21-01672	15.00–20.00	Qbt3	N	0.008	—	—	—	—	—	—	777 (J)	—	—	—
MD21-02-49583	21-02-21260	0.00–0.50	Soil	N	0.047	—	—	0.586	—	—	—	—	—	—	—
MD21-02-49585	21-02-21261	0.00–0.50	Soil	N	0.062	—	—	1.9	—	—	—	—	—	—	—
MD21-02-49603	21-02-21261	0.00–0.50	Soil	FD[g]	0.083	—	—	2.56	—	—	—	—	—	—	—
MD21-02-49586	21-02-21261	0.50–0.67	Soil	N	0.057	—	—	1.42	—	—	—	—	—	—	—
MD21-02-49587	21-02-21262	0.00–0.50	Soil	N	—	—	—	0.112	—	—	—	—	—	—	—
MD21-02-49589	21-02-21263	0.00–0.50	Soil	N	—	—	—	0.229	—	—	—	—	—	—	—
MD21-02-49591	21-02-21264	0.00–0.50	Soil	N	0.058	—	—	2.94	—	—	—	—	—	—	—
MD21-02-49592	21-02-21264	0.50–1.00	Soil	N	—	—	—	0.937	—	—	—	—	—	—	—
MD21-02-49593	21-02-21265	0.00–0.50	Soil	N	0.046	—	—	0.186	—	—	—	—	—	—	—
MD21-02-49595	21-02-21266	0.00–0.50	Soil	N	0.043	—	—	1.04	—	—	—	—	—	—	—
MD21-02-49597	21-02-21267	0.00–0.50	Soil	N	0.049	—	—	0.3	—	—	—	—	—	—	—
MD21-02-49598	21-02-21267	0.50–1.00	Soil	N	—	—	—	0.0755	—	—	—	—	—	—	—
MD21-02-49599	21-02-21268	0.00–0.50	Soil	N	—	—	—	1.3	—	—	—	—	—	—	—
0121-97-0902	21-05112	7.00–9.00	Soil	N	—	—	—	—	—	—	—	1186	—	—	—
0121-97-0903	21-05113	7.00–9.00	Soil	N	—	—	—	0.072	—	—	—	160	—	—	—
0121-97-0904	21-05114	8.00–10.00	Soil	N	—	—	—	—	—	—	—	—	—	—	—
0121-97-0905	21-05115	8.00–10.00	Soil	N	—	0.121	—	0.099	—	—	—	—	—	—	—
0121-97-1236	21-05355	0.00–0.50	Soil	N	—	—	—	—	—	—	—	2.12	4.38	0.216	—
0121-97-1238	21-05355	0.50–1.00	Soil	N	—	0.2941	—	—	—	—	—	2.4	6.21	0.266	2.69

Table 2.4-5 (cont.)

Sample ID	Location ID	Depth (ft)	Media	Sample QC type	Americium-241	Cesium-137	Plutonium-238	Plutonium-239	Strontium-90	Thorium-228	Thorium-230	Tritium	Uranium-234	Uranium-235	Uranium-238
Soil and Fill BV[a]					**0.013**	**1.65**	**0.023**	**0.054**	**1.31**	**2.28**	**2.29**	**N/A**	**2.59**	**0.2**	**2.29**
Qbt 2,3,4 BV					**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**2.52**	**1.98**	**N/A**	**1.98**	**0.09**	**1.93**
0121-97-1226	21-05357	0.00–0.50	Soil	N	—	—	—	—	—	—	—	0.11	—	—	—
0121-97-1231	21-05357	0.50–1.00	Soil	N	—	—	—	—	—	—	—	0.1	—	—	—
0121-97-1221	21-05362	0.00–0.50	Soil	N	—	—	—	—	—	—	—	0.61	7.25	0.306	3.45
0121-97-1223	21-05362	0.50–1.00	Soil	N	—	0.1531	—	—	—	—	—	0.41	4.95	—	2.39
0121-97-1224	21-05379	0.00–0.50	Soil	N	—	—	—	—	—	—	—	0.45	4.93	—	—
0121-97-1225	21-05379	0.50–1.00	Soil	N	—	—	—	—	—	—	—	0.23	—	—	—
0121-97-1230	21-05389	0.00–0.50	Soil	N	—	—	—	—	—	—	—	0.11	—	—	—
0121-97-1229	21-05389	0.50–1.00	Soil	N	—	0.2037	—	—	—	—	—	0.11	—	—	—
0121-97-1228	21-05404	0.00–0.50	Soil	N	—	—	—	—	—	—	—	0.1	—	—	—
0121-97-1235	21-05404	0.50–1.00	Soil	N	—	—	—	—	—	—	—	0.11	—	—	—
0121-97-1239	21-05404	1.00–1.50	Soil	N	—	—	—	—	—	—	—	0.15	—	—	—
0121-97-1237	21-05418	0.00–0.50	Soil	N	—	—	—	—	—	—	—	0.07	—	—	—
0121-97-1241	21-05418	0.50–1.00	Soil	N	—	—	—	—	—	—	—	0.1	—	—	—
0121-97-1227	21-05422	0.00–0.50	Soil	N	—	—	—	—	—	—	—	0.16	—	—	—
0121-97-1240	21-05422	0.50–1.00	Soil	N	—	—	—	—	—	—	—	0.15	—	—	—
0121-97-1232	21-05425	0.00–0.50	Soil	N	—	—	—	—	—	—	—	—	—	—	—
0121-97-1222	21-05425	1.50–2.00	Soil	N	—	—	—	—	—	—	—	0.05	—	—	—
MD21-98-0049	21-10501	0.00–0.50	Qbt3	N	—	—	—	—	—	—	—	0.07	—	—	—
MD21-98-0048	21-10502	0.00–0.50	Soil	N	—	—	—	—	—	—	—	0.18	—	—	—
MD21-98-0047	21-10503	0.00–0.50	Soil	N	—	—	—	—	—	—	—	1.03	—	—	—
MD21-98-0045	21-10504	0.00–0.50	Qbt3	N	—	—	—	—	—	—	—	0.53	—	—	—
MD21-98-0046	21-10505	0.00–0.50	Soil	N	—	—	—	—	—	—	—	0.25	—	—	—
MD21-98-0043	21-10507	0.00–0.50	Qbt3	N	—	—	—	—	—	—	—	0.23	—	—	—
MD21-98-0042	21-10508	0.00–0.50	Soil	N	—	—	—	—	—	—	—	0.37	3.32	—	—
MD21-98-0041	21-10509	0.00–0.50	Soil	N	—	—	—	—	—	—	—	0.23	—	—	—
MD21-98-0039	21-10511	0.00–0.50	Qbt3	N	—	—	—	—	—	—	—	0.1	—	—	—
MD21-98-0038	21-10512	0.00–0.50	Qbt3	N	—	—	—	—	—	—	—	0.09	—	—	—
MD21-98-0037	21-10513	0.00–0.50	Qbt3	N	—	—	—	—	—	—	—	0.25	—	—	—
MD21-98-0036	21-10514	0.00–0.50	Soil	N	—	—	—	—	—	—	—	0.63	—	—	—

Table 2.4-5 (cont.)

Sample ID	Location ID	Depth (ft)	Media	Sample QC type	Americium-241	Cesium-137	Plutonium-238	Plutonium-239	Strontium-90	Thorium-228	Thorium-230	Tritium	Uranium-234	Uranium-235	Uranium-238
Soil and Fill BV[a]					**0.013**	**1.65**	**0.023**	**0.054**	**1.31**	**2.28**	**2.29**	**N/A**	**2.59**	**0.2**	**2.29**
Qbt 2,3,4 BV					**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**2.52**	**1.98**	**N/A**	**1.98**	**0.09**	**1.93**
MD21-98-0034	21-10516	0.00–0.50	Soil	N	—	—	—	—	—	—	—	0.11	—	—	—
MD21-01-0001	21-11191	0.50–1.17	Fill	N	—	—	—	—	—	—	—	—	—	—	—
MD21-01-0003	21-11191	3.00–3.50	Qbt3	N	—	—	—	—	—	—	—	—	—	—	—
MD21-01-0002	21-11192	0.50–1.00	Fill	N	—	—	—	—	—	—	—	—	—	—	—
MD21-01-0004	21-11192	3.00–3.50	Qbt3	N	—	—	—	—	—	—	—	—	—	—	—
MD21-01-0005	21-11193	0.83–1.33	Qbt3	N	—	—	—	—	—	—	—	—	—	—	—
MD21-01-0007	21-11193	4.00–5.50	Qbt3	N	—	—	—	—	—	—	—	0.077	—	—	—
MD21-01-0010	21-11193	4.00–5.50	Qbt3	FD	—	—	—	—	—	—	—	0.282	—	—	—
MD21-01-0008	21-11194	0.83–1.33	Fill	N	—	—	—	—	—	—	—	—	—	—	—
MD21-01-0009	21-11194	4.00–4.50	Qbt3	N	—	—	—	—	—	—	—	0.348	—	—	—
MD21-01-0011	21-11195	2.67–4.00	Fill	N	—	—	—	—	—	—	—	—	—	—	—
MD21-01-0012	21-11195	5.67–6.67	Fill	N	—	—	—	—	—	—	—	—	—	—	—
MD21-01-0526	21-11195	12.00–13.00	Qbt3	N	—	—	—	—	—	—	—	850	—	—	—
MD21-01-0013	21-11196	3.00–3.50	Qbt3	N	—	—	—	0.059	—	2.56	2.27	1.83	—	—	—
MD21-01-0014	21-11196	4.50–5.50	Qbt3	N	—	—	—	0.024	—	—	—	3.84	—	—	—
MD21-01-0015	21-11197	2.33–3.33	Qbt3	N	—	—	—	—	—	—	—	1.43	—	—	—
MD21-01-0016	21-11197	5.33–6.33	Qbt3	N	—	—	—	—	—	—	—	3.3	—	—	—
MD21-01-0017	21-11198	2.33–3.33	Qbt3	N	—	—	—	—	—	—	—	3.6	—	—	—
MD21-01-0018	21-11198	5.33–6.33	Qbt3	N	—	—	—	—	—	—	—	0.256	—	—	—
MD21-01-0019	21-11199	8.00–9.00	Qbt3	N	—	—	—	—	—	—	—	300	—	—	—
MD21-01-0020	21-11199	12.00–13.00	Qbt3	N	—	—	—	—	—	—	—	563	—	—	—
MD21-01-0522	21-11199	17.00–18.00	Qbt3	N	—	—	—	—	—	—	—	155	—	—	—
MD21-01-0054	21-11200	8.00–9.00	Qbt3	N	—	—	—	—	—	—	—	12.4 (J+)[h]	—	—	—
MD21-01-0055	21-11200	12.00–13.00	Qbt3	N	—	—	—	—	—	—	—	30.5 (J+)	—	—	—
MD21-01-0056	21-11200	17.00–18.00	Qbt3	N	—	—	—	—	—	—	—	20.6 (J+)	—	—	—
MD21-01-0302	21-11216	8.25–9.00	Qbt3	N	—	—	—	—	—	—	—	1220	—	—	—
MD21-01-0303	21-11216	12.00–13.00	Qbt3	N	—	—	—	—	—	—	—	653	—	—	—
MD21-01-0309	21-11216	17.17–18.00	Qbt3	N	—	—	—	—	—	—	—	134	—	—	—
MD21-01-0308	21-11217	8.00–9.17	Qbt3	N	—	—	—	—	—	—	—	4233	—	—	—

Table 2.4-5 (cont.)

Sample ID	Location ID	Depth (ft)	Media	Sample QC type	Americium-241	Cesium-137	Plutonium-238	Plutonium-239	Strontium-90	Thorium-228	Thorium-230	Tritium	Uranium-234	Uranium-235	Uranium-238
Soil and Fill BV[a]					**0.013**	**1.65**	**0.023**	**0.054**	**1.31**	**2.28**	**2.29**	**N/A**	**2.59**	**0.2**	**2.29**
Qbt 2,3,4 BV					**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**2.52**	**1.98**	**N/A**	**1.98**	**0.09**	**1.93**
MD21-01-0312	21-11217	8.00–9.17	Qbt3	FD	—	0.09	—	—	—	—	—	3877	—	—	—
MD21-01-0313	21-11217	12.00–13.00	Qbt3	N	—	—	—	—	—	—	—	741	—	—	—
MD21-01-0299	21-11217	17.00–17.75	Qbt3	N	—	—	—	—	—	—	—	936	—	—	—
MD21-01-0314	21-11218	8.00–9.00	Qbt3	N	—	—	—	0.0323 (J)	—	—	—	1298	—	—	—
MD21-01-0315	21-11218	12.00–13.00	Qbt3	N	—	—	—	—	—	—	—	2252	—	—	—
MD21-01-0298	21-11218	17.00–18.00	Qbt3	N	—	—	—	—	—	—	—	1027	—	—	—
MD21-01-0300	21-11219	8.00–9.00	Qbt3	N	—	—	—	—	—	—	—	1328	—	—	—
MD21-01-0301	21-11219	12.00–13.00	Qbt3	N	—	—	—	—	—	—	—	593	—	—	—
MD21-01-0306	21-11219	17.00–18.00	Qbt3	N	—	—	—	—	—	—	—	1444	—	—	—
MD21-01-0311	21-11221	4.00–5.00	Qbt3	N	—	—	—	—	—	—	—	72	—	—	—
MD21-01-0304	21-11221	7.00–8.00	Qbt3	N	—	—	—	—	—	—	—	13.8	—	—	—
MD21-01-0523	21-11222	12.00–15.00	Fill	N	—	—	—	—	—	—	—	—	—	—	—
MD21-01-0524	21-11222	12.00–15.00	Fill	FD	—	—	—	—	—	—	—	—	—	—	—
MD21-01-0525	21-11222	17.00–18.00	Qbt3	N	0.02	—	—	—	—	—	—	5.49	—	0.131	—

[a] Although there is a soil BV for tritium (0.76 pCi/mL), it is not used for comparisons in this data set. Not enough information is available to convert all of the earlier tritium results to pCi/g for BV comparisons.

[b] BV = background value.

[c] N/A = No BV is available.

[d] N = Normal sample.

[e] — = Result does not exceed BV.

[f] (J) = Estimated value.

[g] FD = Field duplicate.

[h] (J+) = Estimated value, biased high.

2.4.2.3 Evaluation of Organic Chemicals

Table 2.4-6 summarizes the organic analytical data, including frequency of detection and the range of concentrations. Table 2.4-7 presents the analytical results for detected organic compounds. The analytes listed in this table were further evaluated for frequency of detection at the site. Per EPA risk assessment guidance, chemicals that are infrequently detected may be artifacts and not related to site operations (EPA 1989, 08021). At SWMU 21-024(i), several organic chemicals were detected only once and did not appear to be associated with releases from the septic system. Organic chemicals that were detected in less than five percent of site samples were eliminated as COPCs (see Table 2.4-1 for total number of samples analyzed for a suite of organic chemicals, e.g., VOCs, SVOCs, etc.). Based on infrequent detection, the following organic chemicals were eliminated as COPCs: acenaphthene, aldrin, anthracene, benzoic acid, alpha-BHC, delta-BHC, gamma-BHC, bis(2-chloroethyl)ether, bis(2-ethylhexyl)phthalate, chrysene, 4,4'-DDD, 1,4-dichlorobenzene, dieldrin, di-n-butylphthalate, endosulfan sulfate, phenanthrene, trichlorofluoromethane, and 1,2,4-trimethylbenzene.

The following organic chemicals were retained as COPCs for further evaluation:

- Fill—acetone, Aroclor-1254, 2-butanone, fluoranthene, pyrene, and toluene;
- Soil—Aroclor-1254 and -1260, 4,4'-DDT, fluoranthene, and pyrene;
- Tuff (Qbt3)—acetone, Aroclor-1254, 2-butanone, and toluene.

2.4.3 Revised Site Conceptual Model

The preliminary conceptual model identified the following potential release mechanisms:

- leaks from the tank bottom due to cracks in the concrete;
- seepage through porous joints or cracks in the drainlines;
- the intentional release from the outfall onto the sloping edge of the mesa and bench below; and
- diffusion-driven transport of tritium through the concrete septic tank and VCP lines in the absence of any cracks.

The results of this investigation showed the concrete septic tank to be in excellent shape, with no indication of cracks or leakage. Therefore, leakage from the bottom of the concrete tank due to cracks was eliminated as a potential release mechanism.

2.4.3.1 Nature and Extent of Contamination

Inorganic Chemicals

Figures 2.4-5 and 2.4-6 show the distribution of inorganic chemicals present at concentrations greater than BVs at SWMU 21-024(i). Several inorganic chemicals have been identified as COPCs. Of these, only mercury, lead, and zinc are identified as COPCs for all three media at the site (soil, fill, and tuff). They are detected at several locations throughout the site at concentrations above BVs, as defined for the Laboratory (LANL 1998, 59730).

Table 2.4-6
Frequency of Detected Organic Chemicals

Analyte	Media	Number of Analyses	Number of Detects[a]	Concentration Range (mg/kg)	Frequency of Detects
Acenaphthene	Fill	8	1	[0.0377 to 0.4][a]	1/8
Acetone	Fill	8	4	7.9E-03 to 0.14	4/8
Acetone	Qbt3	33	6	8.3E-03 to 0.078	6/33
Aldrin	Qbt3	45	1	0.00027 to [0.0021]	1/45
Anthracene	Fill	8	1	[0.0377 to 0.4]	1/8
Aroclor-1254	Soil	19	11	[0.0034] to 1.51	11/19
Aroclor-1254	Fill	8	1	[0.0075] to 0.071	1/8
Aroclor-1254	Qbt3	42	1	[0.0069] to 0.11	1/42
Aroclor-1260	Soil	19	10	[0.0034] to 0.667	10/19
Benzoic Acid	Fill	8	1	0.18 to [1.9]	1/8
Benzoic Acid	Qbt3	46	3	0.089 to [3.7]	3/46
alpha-BHC	Qbt3	45	1	0.00022 to [0.0021]	1/45
delta-BHC	Qbt3	45	1	0.00024 to [0.0021]	1/45
gamma-BHC	Qbt3	45	1	0.00024 to [0.0021]	1/45
Bis(2-chloroethyl)ether	Soil	23	1	0.156 to [0.38]	1/23
Bis(2-ethylhexyl)phthalate	Fill	8	1	0.055 to [0.4]	1/8
2-Butanone	Fill	8	2	[0.0064] to 0.036	2/8
2-Butanone	Qbt3	33	3	[0.0042 to 0.035]	3/33
Chrysene	Fill	8	1	[0.0377 to 0.4]	1/8
4,4'-DDD	Qbt3	45	1	0.00029 to [0.0037]	1/45
4,4'-DDT	Fill	8	2	[0.0015 to 0.02]	2/8
1,4-Dichlorobenzene	Fill	16	1	[0.0013 to 0.4]	1/16
Dieldrin	Qbt3	45	1	0.0003 to [0.0037]	1/45
Diethylphthalate	Soil	23	1	0.0229 to [0.38]	1/23
Di-n-butylphthalate	Soil	23	3	0.0408 to [0.38]	3/23
Endosulfan Sulfate	Qbt3	45	1	0.00023 to [0.0037]	1/45
Fluoranthene	Soil	23	5	0.0171 to 0.5700001	5/23
Fluoranthene	Fill	8	1	[0.0377 to 0.4]	1/8
Fluoranthene	Qbt3	46	1	4.3E-03 to [0.66]	1/46
Phenanthrene	Soil	23	3	[0.0338] to 0.66	2/23
Phenanthrene	Fill	8	1	[0.0377 to 0.4]	1/8
Pyrene	Soil	23	6	0.0202 to 0.52	6/23
Pyrene	Fill	8	1	[0.0377 to 0.4]	1/8
Toluene	Fill	8	1	0.00038 to 0.00038	1/8
Toluene	Qbt3	33	3	0.00036 to [0.0087]	3/33
Trichlorofluoromethane	Qbt3	33	1	0.0014 to 0.0014	3/33
1,2,4-Trimethylbenzene	Qbt3	33	1	0.003 to 0.003	1/33

Note: Samples with field duplicates are counted as one detect.

[a] Brackets indicate non-detected results.

Table 2.4-7
Analytical Results of Detected Organic Chemicals at SWMU 21-024(i)
(all results are in units of mg/kg)

Sample ID	Location ID	Depth (ft)	Media	Sample QC type	Acenaphthene	Acetone	Aldrin	Anthracene	Aroclor-1254	Aroclor-1260	Benzoic Acid	alpha-BHC	delta-BHC	gamma-BHC	Bis(2-chloroethyl)ether	Bis(2-ethylhexyl)phthalate	2-Butanone	Chrysene
MD21-02-49585	21-02-21261	0.00–0.50	Soil	N[a]	—[b]	—	—	—	0.906	0.4	—	—	—	—	—	—	—	—
MD21-02-49603	21-02-21261	0.00–0.50	Soil	FD[c]	—	—	—	—	1.51	0.667	—	—	—	—	—	—	—	—
MD21-02-49586	21-02-21261	0.50–0.67	Soil	N	—	—	—	—	0.371	0.176	—	—	—	—	—	—	—	—
MD21-02-49589	21-02-21263	0.00–0.50	Soil	N	—	—	—	—	0.0214	0.0128	—	—	—	—	—	—	—	—
MD21-02-49591	21-02-21264	0.00–0.50	Soil	N	—	—	—	—	0.85	0.365	—	—	—	—	—	—	—	—
MD21-02-49592	21-02-21264	0.50–1.00	Soil	N	—	—	—	—	0.0672	0.0379	—	—	—	—	—		—	—
MD21-02-49593	21-02-21265	0.00–0.50	Soil	N	—	—	—	—	0.0096	0.0118	—	—	—	—	—	—	—	—
MD21-02-49595	21-02-21266	0.00–0.50	Soil	N	—	—	—	—	0.0038	0.0039	—	—	—	—	—	—	—	—
MD21-02-49597	21-02-21267	0.00–0.50	Soil	N	—	—	—	—	0.18	0.0794	—	—	—	—	0.156 (J)[d]	—	—	—
MD21-02-49598	21-02-21267	0.50–1.00	Soil	N	—	—	—	—	0.038	0.02	—	—	—	—	—	—	—	—
MD21-02-49599	21-02-21268	0.00–0.50	Soil	N	—	—	—	—	0.558	0.267	—	—	—	—	—	—	—	—
MD21-98-0048	21-10502	0.00–0.50	Soil	N	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MD21-98-0042	21-10508	0.00–0.50	Soil	N	—	—	—	—	9.1E-02	—	—	—	—	—	—	—	—	—
MD21-98-0035	21-10515	0.00–0.50	Qbt3	N	—	—	—	—	0.11	—	—	—	—	—	—	—	—	—
MD21-01-0001	21-11191	0.50–1.17	Fill	N	—	0.081 (J)	—	—	0.071	—	—	—	—	—	—	—	0.012 (J)	—
MD21-01-0002	21-11192	0.50–1.00	Fill	N	0.044 (J)	0.14 (J)	—	0.045 (J)	—	—	0.18 (J)	—	—	—	—		0.036	0.089 (J)
MD21-01-0004	21-11192	3.00–3.50	Qbt3	N	—	0.078 (J)	—	—	—	—	—	—	—	—	—	—		—
MD21-01-0005	21-11193	0.83–1.33	Qbt3	N	—		—	—	—	—	—	—	—	—	—	—	0.014 (J)	—
MD21-01-0526	21-11195	12.00–13.00	Qbt3	N	—	0.0118	—	—	—	—	—	—	—	—	—		—	—
MD21-01-0016	21-11197	5.33–6.33	Qbt3	N	—	—	—	—	—	—	—	—	—	—	—	—	0.0054 (J)	—
MD21-01-0017	21-11198	2.33–3.33	Qbt3	N	—		—	—	—	—	—	—	—	—	—	—	0.0051 (J+)[e]	—

Table 2.4-7 (cont.)

Sample ID	Location ID	Depth (ft)	Media	Sample QC type	Acenaphthene	Acetone	Aldrin	Anthracene	Aroclor-1254	Aroclor-1260	Benzoic Acid	alpha-BHC	delta-BHC	gamma-BHC	Bis(2-chloroethyl)ether	Bis(2-ethylhexyl)phthalate	2-Butanone	Chrysene
MD21-01-0522	21-11199	17.00–18.00	Qbt3	N	—	8.3E-03	—	—	—	—	—	—	—	—	—		—	—
MD21-01-0054	21-11200	8.00–9.00	Qbt3	N	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MD21-01-0299	21-11217	17.00–17.75	Qbt3	N	—	—	—	—	—	—	0.11 (J)	—	—	—	—	—	—	—
MD21-01-0298	21-11218	17.00–18.00	Qbt3	N	—	—	—	—	—	—	9.9E-02 (J)	—	—	—	—	—	—	—
MD21-01-0300	21-11219	8.00–9.00	Qbt3	N	—	0.016 (J)	—	—	—	—	0.089 (J)	—	—	—	—	—	—	—
MD21-01-0306	21-11219	17.00–18.00	Qbt3	N	—	0.016 (J)	—	—	—	—	—	—	—	—	—	—	—	—
MD21-01-0307	21-11220	2.00–3.00	Fill	N	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MD21-01-0310	21-11220	5.00–6.00	Fill	N	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MD21-01-0523	21-11222	12.00–15.00	Fill	N	—	7.9E-03	—	—	—	—	—	—	—	—	—	—	—	—
MD21-01-0524	21-11222	12.00–15.00	Fill	FD	—	0.0109	—	—	—	—	—	—	—	—	—	0.0865 (J)	—	—
MD21-01-0525	21-11222	17.00–18.00	Qbt3	N	—	0.0255	0.00027 (J-)[f]	—	—	—	—	0.00022 (J-)	0.00024 (J-)	0.00024 (J-)	—	—	—	—

Table 2.4-7 (cont.)

Sample ID	Location ID	Depth (ft)	Media	Sample QC type	4,4'-DDD	4,4'-DDT	1,4-Dichlorobenzene	Dieldrin	Diethylphthalate	Di-n-butylphthalate	Endosulfan Sulfate	Fluoranthene	Methylene Chloride	Phenanthrene	Pyrene	Toluene	Trichlorofluoromethane	1,2,4-Trimethylbenzene
MD21-02-49585	21-02-21261	0.00–0.50	Soil	N	—	—	—	—	—	0.0408 (J)	—	0.0244 (J)	—	—	0.0345	—	—	—
MD21-02-49603	21-02-21261	0.00–0.50	Soil	FD	—	—	—	—	0.0229 (J)	0.0497 (J)	—	0.0332 (J)	—	0.0363	0.0583	—	—	—
MD21-02-49586	21-02-21261	0.50–0.67	Soil	N	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MD21-02-49589	21-02-21263	0.00–0.50	Soil	N	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MD21-02-49591	21-02-21264	0.00–0.50	Soil	N	—	—	—	—	—	0.0432 (J)	—	0.0534	—	0.0409	0.0655	—	—	—
MD21-02-49592	21-02-21264	0.50–1.00	Soil	N	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MD21-02-49593	21-02-21265	0.00–0.50	Soil	N	—	—	—	—	—	—	—	0.0171 (J)	—	—	0.0202 (J)	—	—	—
MD21-02-49595	21-02-21266	0.00–0.50	Soil	N	—	—	—	—	—	0.163 (J)	—	0.0205 (J)	—	—	0.0281 (J)	—	—	—
MD21-02-49597	21-02-21267	0.00–0.50	Soil	N	—	—	—	—	—	—	—	—	—	—	0.0232 (J)	—	—	—
MD21-02-49598	21-02-21267	0.50–1.00	Soil	N	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MD21-02-49599	21-02-21268	0.00–0.50	Soil	N	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MD21-98-0048	21-10502	0.00–0.50	Soil	N	—	—	—	—	—	—	—	0.57	—	0.66	0.52	—	—	—
MD21-98-0042	21-10508	0.00–0.50	Soil	N	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MD21-98-0035	21-10515	0.00–0.50	Qbt3	N	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MD21-01-0001	21-11191	0.50–1.17	Fill	N	—	—	0.0039 (J)	—	—	—	—	—	—	—	—		—	—
MD21-01-0002	21-11192	0.50–1.00	Fill	N	—	—	—	—	—	—	—	0.31 (J)	—	0.26 (J)	0.23 (J)		—	
MD21-01-0004	21-11192	3.00–3.50	Qbt3	N	—	—	—	—	—	—	—	—	—	—	—	0.006	—	0.003 (J)
MD21-01-0005	21-11193	0.83–1.33	Qbt3	N	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MD21-01-0526	21-11195	12.00–13.00	Qbt3	N	—	—	—	—	—	—	—	—	—	—	—	0.00036 (J)	—	—
MD21-01-0016	21-11197	5.33–6.33	Qbt3	N	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MD21-01-0017	21-11198	2.33–3.33	Qbt3	N	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MD21-01-0522	21-11199	17.00–18.00	Qbt3	N	—	—	—	—	—	—	—	4.3E-03 (J)	—	—	—	0.00044 (J)	—	—
MD21-01-0054	21-11200	8.00–9.00	Qbt3	N	—	—	—	—	—	—	—	—	—	—	—	—	0.0014 (J)	—
MD21-01-0299	21-11217	17.00–17.75	Qbt3	N	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Table 2.4-7 (cont.)

Sample ID	Location ID	Depth (ft)	Media	Sample QC type	4,4'-DDD	4,4'-DDT	1,4-Dichlorobenzene	Dieldrin	Diethylphthalate	Di-n-butylphthalate	Endosulfan Sulfate	Fluoranthene	Methylene Chloride	Phenanthrene	Pyrene	Toluene	Trichlorofluoromethane	1,2,4-Trimethylbenzene
MD21-01-0298	21-11218	17.00–18.00	Qbt3	N	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MD21-01-0300	21-11219	8.00–9.00	Qbt3	N	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MD21-01-0306	21-11219	17.00–18.00	Qbt3	N	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MD21-01-0307	21-11220	2.00–3.00	Fill	N	—	0.0028	—	—	—	—	—	—	—	—	—	—	—	—
MD21-01-0310	21-11220	5.00–6.00	Fill	N	—	0.0022	—	—	—	—	—	—	—	—	—	—	—	—
MD21-01-0523	21-11222	12.00–15.00	Fill	N	—	—	—	—	—	—	—	—	—	—	—	0.00038 (J)	—	—
MD21-01-0524	21-11222	12.00–15.00	Fill	FD	—	—	—	—	—	—	—	—	8.5E-04 (J)	—	—	—	—	—
MD21-01-0525	21-11222	17.00–18.00	Qbt3	N	0.00029 (J-[f]	—	—	0.0003 (J-)	—	—	0.00023 (J-)	—	—	—	—	—	—	—

[a] N = Normal sample.

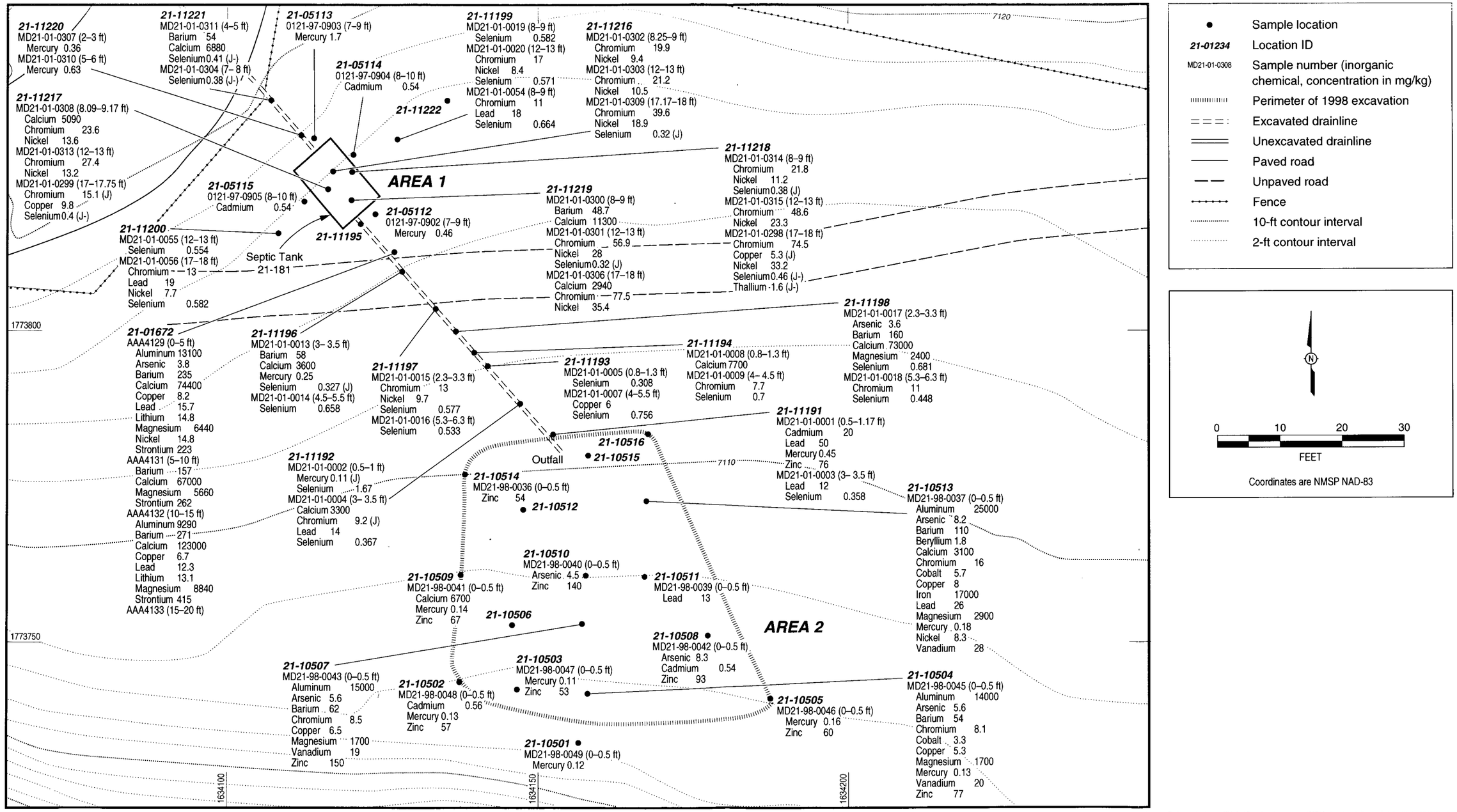
[b] FD = Not detected.

[c] — = Field duplicate.

[d] (J) = Estimated value.

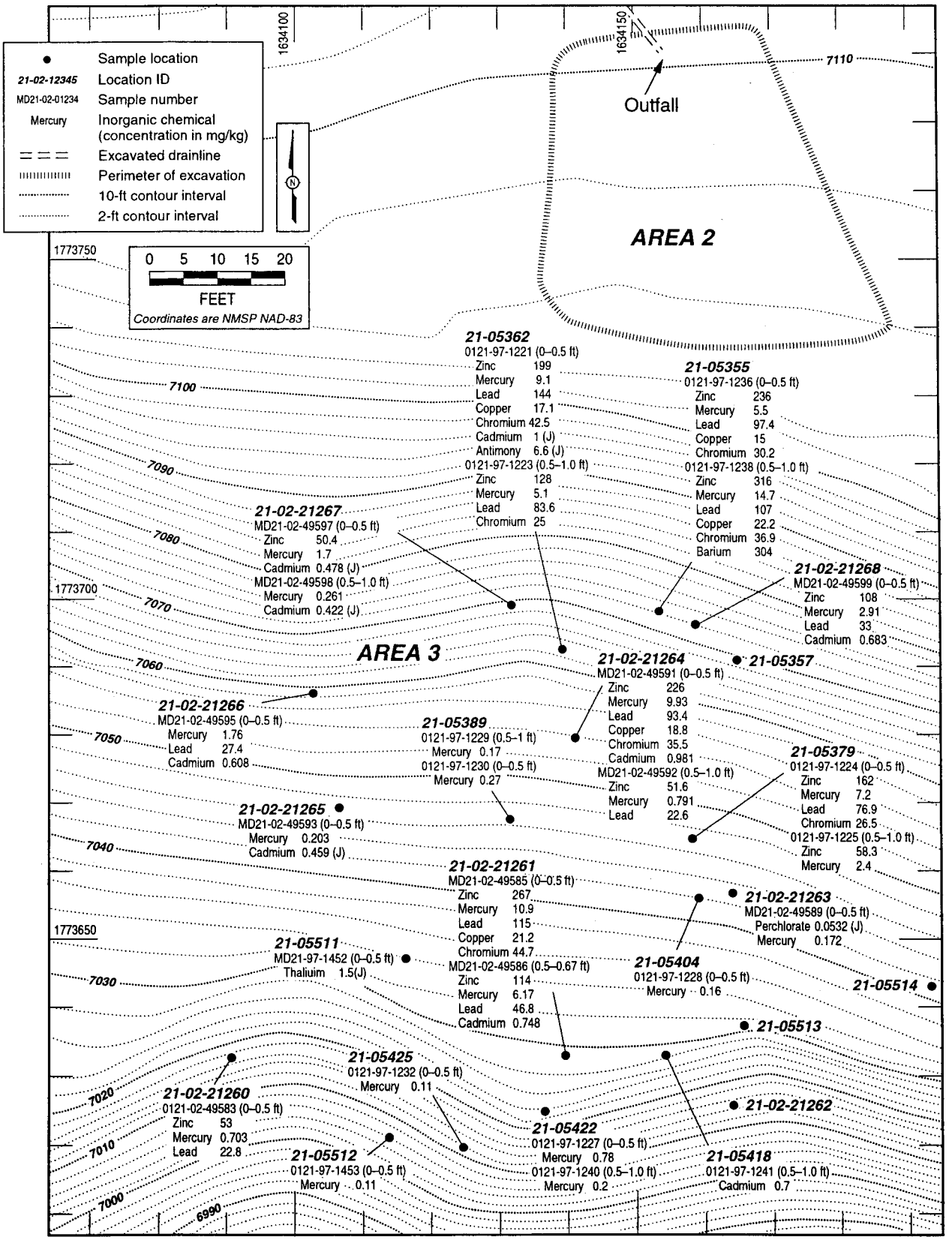
[e] (J+) = Estimated value, biased high.

[f] (J-) = Estimated value, biased low.



Source: Redondo database, SEA ArcView, Rev. by A. Kron, 022703_Rev for IA Compl. Rpt. 21-024(i), 032803, ptm

Figure 2.4-5. Inorganic chemical concentrations greater than BVs for Areas 1 and 2, SWMU 21-024(i)



Source: Redondo db, SEA ArcView, Rev. by A. Kron, 022703_Rev. for IA Compl, Rpt. 21-024(i), 033103, cf

Figure 2.4-6. Inorganic chemical concentrations greater than BVs for Area 3, SWMU 21-024(i)

Mercury is a relatively mobile metal that was measured in the septic tank sludge at 826 mg/kg in the solid phase and 0.0216 mg/L in the liquid phase. Appendix D gives the analytical results for the sludge. In Area 1, mercury does not occur under the tank but occurs along the inlet and outlet line and decreases with depth at all but two locations. These locations, one collected in 1997 (21-05113, 1.7 mg/kg mercury at 7–9 ft bgs, no deeper sample) and one collected in 2001 (21-11220, 0.36 mg/kg at 2–3 ft bgs and 0.63 mg/kg at 5–6 ft bgs) are located next to each other near the inlet of the tank. They are surrounded by sample locations where no mercury was detected at any depth. In Area 2, mercury was detected mostly near the edges of the excavation, and at levels similar to background and the DL (approximately 0.1 mg/kg). Concentrations of mercury in Area 2 range from less than the DL to 0.18 mg/kg. Mercury was detected in several of the Area 3 samples, with the highest concentrations situated along the most likely path of flow from the outfall. Mercury concentrations decrease to the south, west, and east (away from the outfall). Mercury also decreases with depth at all locations where deeper samples were collected, with the exception of 21-05355, the Area 3 sample location closest to the outfall. This pattern of distribution repeats itself for many other metals detected in Area 3.

Lead occurs in samples from all three areas at the site and was also detected in the tank contents (8180 mg/kg in the solid phase and 0.041 mg/L in the liquid phase). With the exception of a sample collected near the end of the outlet line (21-11191, 50 mg/kg lead), the detects of lead in Area 1 range from 12 to 19 mg/kg and are only slightly above the range of background measured in Qbt3 (maximum of 15.5 mg/kg) (LANL 1998, 59730). These detects may be reflective of a locally high lead background, or of tuff samples that contain some percentage of soils (maximum background of 25.6 mg/kg), either in fractures or as a result of cross contamination from higher sample intervals. Only two locations in Area 2 contained lead above the BV. One is within the range of background (21-10511, 13 mg/kg). The other location, 21-10513, has a detect of lead at 26 mg/kg. This latter sample is described on the sample collection log as a mixture of weathered tuff and soil, and, based on analytical results, has concentrations of metals that consistently reflect soil background. Both of these detects occur in the middle-to-northern portion of the outfall, and there were no detects of lead above background at locations further downgradient in Area 2. Lead in Area 3 follows the same distribution as mercury.

Zinc was measured in the tank contents at relatively high concentrations (7500 mg/kg in the solid phase and 0.436 mg/L in the liquid phase). In Area 1, the only zinc detect above background is at the end of the outlet line (21-11191, 76 mg/kg). No zinc was detected in samples above BV from under or around the tank. Zinc in Area 2 is widespread, with detects ranging from below background (48.8 mg/kg for soil and fill and 63.5 mg/kg for Qbt3) to 150 mg/kg. The highest concentrations of zinc come from the center of the outfall area (location 21-10507), with concentrations decreasing and approaching background levels toward the margins. In Area 3, zinc follows the same distribution as mercury and lead, with highest concentrations down the center of the flow path, decreasing to the south, west, and east. Likewise, it decreases with depth at all locations where multiple depth intervals were available for collection, with the exception of 21-05355.

Copper, chromium, silver, antimony, and thallium were identified as COPCs in both soil and Qbt3. Copper was present in the septic tank sludge, but copper detects in tuff samples from Areas 1 and 2 are only slightly elevated above the maximum concentration in the background dataset (6.2 mg/kg), ranging in concentration from below background to 9.8 mg/kg. No copper detects in soil samples from Area 2 exceed the BV of 14.7 mg/kg. In Area 3, copper follows the same distribution as the other metals discussed above, although it is detected less frequently.

Although chromium is present in the tank contents at lower concentrations than many of the other metals (477 mg/kg in the solid phase and 0.0287 mg/L in the liquid phase), it is present at concentrations exceeding the BV in Area 1 samples. Many of these samples were collected from beneath the tank,

although there was no evidence of a release from the tank based on both visual observation and analytical data. With the exception of tritium, which can diffuse through concrete over time, analytical data do not indicate contamination under or near the tank by other sludge components. In Area 2, chromium is detected above background in only three tuff samples, two of which just exceed the BV (8.2 and 8.5 mg/kg vs. 7.14 mg/kg), but are not outside the range of the background dataset (maximum of 13 mg/kg). The third location, 21-10513, consistently contains metals at concentrations representative of soil background although the media code is given as Qbt3. It is described on the sample collection log as a combination of soil and weathered tuff. In Area 3, chromium follows the same distribution as mercury, lead, zinc, and copper.

Silver, thallium, and antimony are COPCs largely because of elevated DLs for samples collected in 1998 and earlier. Because the DLs exceeded background, they were retained as COPCs. Samples collected from Areas 1 and 3 in 2001 and 2002 had substantially lower DLs and do not indicate the presence of significant concentrations of these COPCs at the site. Silver was not detected above the BV in any samples from this site. Thallium was detected twice above the BV at concentrations less than double the BV. Antimony was detected above the BV but below the estimated detection limit (EDL) in one sample collected from Area 3 in1997.

Selenium is listed as a COPC for fill and Qbt3. Selenium concentrations in the tank are relatively low (2.8 mg/kg in the solid phase and 0.016 mg/L in the liquid phase), and it was not detected in any samples from Areas 2 or 3. It occurs in several Qbt3 samples from Area 1 at concentrations ranging from 0.3 to 0.7 mg/kg; BV for Qbt3 is 0.3 mg/kg. The distribution of selenium at SWMU 21-024(i) does not indicate a release from the septic tank, and may reflect local background variability, or mixing of soil or fill material (BV of 1.52 mg/kg) with tuff samples.

Perchlorate is listed as a COPC for soil. Most of the samples from the site, as well as the tank contents, were not analyzed for perchlorate. The samples collected from Area 3 in 2002 were the only samples to be analyzed for perchlorate. Based on the data from Area 3, it is not a contaminant at the site. All perchlorate results were nondetect except for one sample from the eastern edge of Area 3 (location 21-02-21263) with a concentration of 0.0532 mg/kg (less than the EDL). If the septic system was the source of the perchlorate detected in Area 3, it should follow the same distribution as the other inorganic contaminants.

Many inorganic chemicals were identified as COPCs in Qbt3 only (aluminum, arsenic, barium, calcium, cobalt, lithium, magnesium, nickel, strontium, and vanadium). These will be discussed for Areas 1 and 2 only, because no Qbt3 samples were collected in Area 3.

Aluminum exceeds the BV for Qbt3 (7340 mg/kg) in one location in Area 1 and three locations in Area 2. At location 21-01672, aluminum exceeds the BV in the first and third depth intervals (0–5 ft bgs and 10–15 ft bgs) but does not exceed the BV in the second and fourth depth intervals (5–10 ft bgs and 15–20 ft bgs). Aluminum concentrations that exceed Qbt3 BV in Area 2 (locations 21-10504, -10507, and -10513) all occur at depths of 0–0.5 ft and are again more consistent with the soil BV. There are lateral and downgradient samples near these locations that were not found to contain aluminum in excess of the BV.

In Area 1, barium and calcium tend to occur together, and generally decrease with depth. In Area 2, these analytes occur in a few samples each, but do not greatly exceed BVs. This is consistent with the observations for other inorganics. Location 21-10513 (0–0.5 ft bgs) had levels of both these analytes that are more representative of BVs for soil than for Qbt3, the media listed for this sample. Magnesium exceeds the BV in only two locations (21-01672 and -11198) from Area 1, and decreases to below BV in deeper intervals at both locations. In Area 2, magnesium occurs with barium, with two detects just above the BV (both 1700 mg/kg vs. 1690 mg/kg BV for Qbt3) and location 21-10513 having the maximum detected

concentration (2900 mg/kg). The maximum concentration of magnesium measured in the Qbt3 background dataset was 2820 mg/kg.

Nickel tends to occur with chromium in Area 1. Although it was detected in the tank contents at concentrations that are low relative to other metals (193 mg/kg in the solid phase and 0.212 mg/L in the liquid phase), it occurs in several locations under the tank at concentrations greater than the BV. As discussed for chromium, there is no evidence of a liquid release from the tank, based on the absence of other sludge components and the observed integrity of the tank prior to removal. There is only one detect of nickel in Area 2 that slightly exceeds the range of background concentrations (location 21-10513 at 8.3 mg/kg vs. 7 mg/kg maximum background concentration) and no detects of nickel in Area 3, indicating that nickel is not a contaminant due to releases from the septic system.

Arsenic exceeds the BV in only two locations from Area 1, and in both cases decreases to below BV in deeper samples. Arsenic was detected in several samples collected from 0 to 0.5 ft bgs at Area 2. In general, concentrations were near BV for Qbt3 or between the BV for Qbt3 and soil, very similar to other inorganic chemicals.

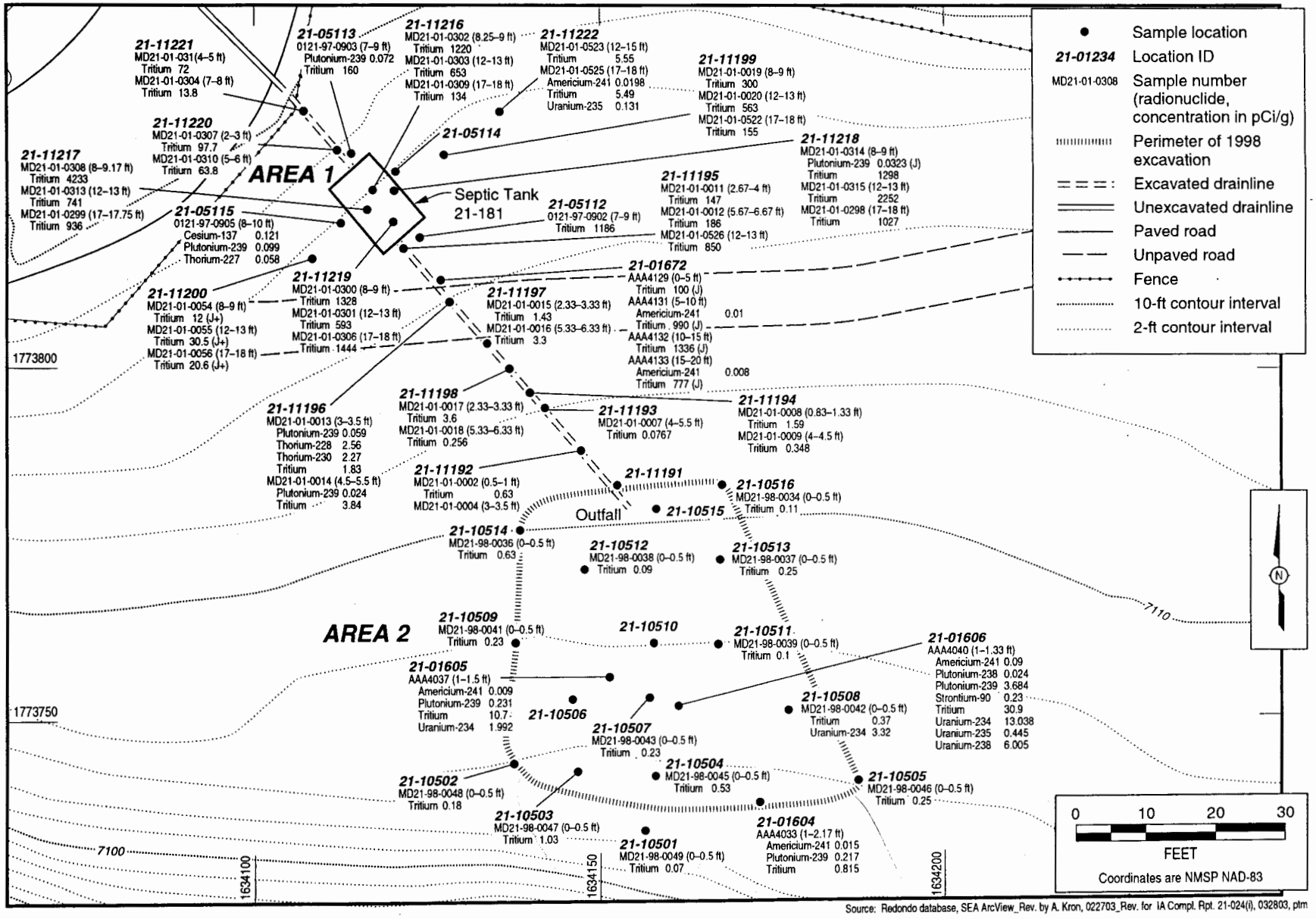
Vanadium and cobalt occur above BVs only in Area 2 samples. Vanadium occurs at concentrations of 20, 19, and 28 mg/kg at 21-10504, -10507, and -10513, respectively. The BV for vanadium in Qbt3 is 17 mg/kg. Cobalt exceeds background only at 21-10504 and -10513 (3.3 mg/kg and 5.7 mg/kg vs. 3.14 mg/kg BV for Qbt3). As with most inorganics, vanadium and cobalt occur at concentrations near the Qbt3 BV or between the Qbt3 and soil BV in the shallow, weathered Qbt3 samples from Area 2.

Lithium and strontium have no published BVs. They were detected in only one location, the boring drilled south of the tank in 1997 (location 21-01672). Neither was detected in the deepest sample from this location.

Radionuclides

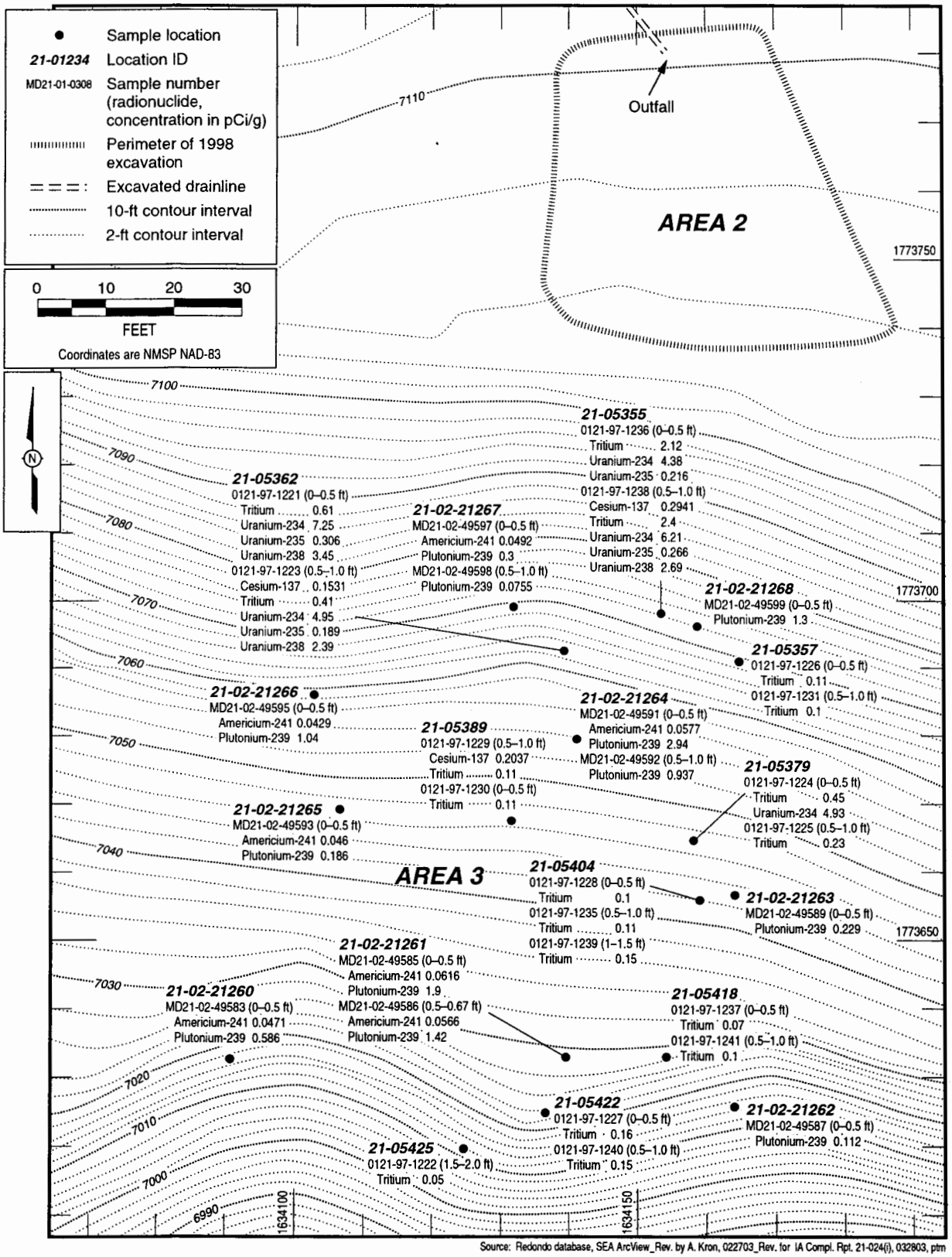
Radionuclides were detected in all three areas at SWMU 21-024(i), and several are identified as COPCs. Figures 2.4-7 and 2.4-8 show (1) the naturally occurring radionuclides that exceed the BV determined for soil, fill, or tuff, as appropriate; and (2) fallout radionuclides that exceed the fallout BV for the 0- to 0.5-ft depth interval or are detected in any other interval (LANL 1998, 59730).

Tritium is one of the primary radioactive COPCs at SWMU 21-024(i). It is also present in the environment as a result of fallout. Tritium data from SWMU 21-024(i) was not screened against the fallout BV (0.76 pCi/mL), because earlier samples sometimes lacked moisture data, which is required to convert tritium results to pCi/mL for comparison to the BV. However, if an assumption of 10% moisture content were made, the BV would be approximately 0.084 pCi/g. Few of the tritium detects at SWMU 21-024(i) would be eliminated by screening against this estimated BV, which applies only to samples collected from 0 to 0.5 ft bgs.



Source: Redondo database, SEA ArcView_Rev. by A. Kron, 022703_Rev. for IA Compl. Rpt. 21-024(i), 032803, ptm

Figure 2.4-7. Radionuclide concentrations greater than BVs for Areas 1 and 2, SWMU 21-024(i)



Source: Redondo database, SEA ArcView_Rev. by A. Kron, 022703_Rev. for IA Compl. Rpt. 21-024(i), 032803, ptm

Figure 2.4-8. Radionuclide concentrations greater than BVs for Area 3, SWMU 21-024(i)

Although the septic tank integrity was maintained up until excavation and removal, tritium can diffuse through concrete over time as it moves with hydrogen in moisture and other materials. The source of tritium is the sludge from within the septic tank, which was found to contain 40,000,000 pCi/L in the liquid phase and 198,000 pCi/g in the solid phase. Tritium in soil, fill, and tuff in Area 1 shows decreasing trends with lateral and vertical distance away from the tank. The highest concentrations of tritium are found within the tank footprint, on the western edge, at location 21-11217. The sample and field duplicate from approximately 8 to 9 ft bgs at this location both contained approximately 4000 pCi/g tritium. The sample from 17 to 17.75 ft bgs at this same location contained 936 pCi/g. Other sample locations from within the footprint of the tank (21-11216, -11218, and -11220) all showed maximum tritium concentrations at depths between 8 and 13 ft bgs, with lower concentrations at the maximum sample depth (approximately 17–18 ft bgs). One exception to this is location 21-11219, at the southern end of the tank near the outlet, which shows similar concentrations of tritium in the 8–9-ft bgs sample (1328 pCi/g) as in the 17–18-ft bgs sample (1444 pCi/g). Nearby sample location 21-11195, sampled at three depths at the junction between the tank and the outlet line, shows an increase of tritium with depth. However, a borehole sampled at four depths in 1993 (21-01672), located to the southwest of these samples, shows that tritium concentrations decrease to 777 pCi/g by 20 ft bgs. Laterally, tritium contamination decreases in all directions away from the tank. Samples collected near the end of the outlet pipe to the south of the tank (location 21-11191, 0.5–1.17 ft bgs and 3–3.5 ft bgs) did not contain measurable tritium. Step-out samples to the sides of the septic tank, 21-11200 (10 ft to the west) and 21-11222 (20 ft to the east), contained tritium ranging from 5 to 31 pCi/g at all depths. Location 21-11221, northeast of the tank along the inlet line, contained 72 pCi/g tritium at 4–5 ft bgs and 13.8 pCi/g tritium at 7–8 ft bgs.

Tritium was detected at several unexcavated locations in Area 2. Concentrations of tritium in Area 2, as measured in 1993 to 1998, ranged from 0.07 to 30.9 pCi/g. No deeper samples exist at most of these locations, but the locations of the highest tritium concentrations (21-01605 and -01606) represent the deepest sample interval remaining following excavations. In each of these 1993 locations, there was a decreasing trend with depth prior to excavation of the shallower two intervals. In addition, the highest concentrations (10.7 and 30.9 pCi/g), measured in 1993, would be approximately half that value now due to radioactive decay of tritium (half-life = 12.6 years). Lateral extent of tritium in Area 2 is delineated by a decrease in concentration with distance from the outfall.

Tritium in Area 3 occurred at relatively low concentrations, ranging from 0.05 to 2.4 pCi/g. In locations where more than one depth interval was sampled, tritium concentrations generally stayed constant with depth. Lateral extent of tritium in Area 3 is defined, with the highest concentrations occurring farthest north (i.e., nearest to the outfall) and decreasing both downgradient and laterally away from the main drainage path.

Cesium-137 is a fission product that occurs ubiquitously at the earth's surface as a result of global fallout. The fallout BV for soils from 0 to 0.5 ft bgs is 1.65 pCi/g (LANL 1998, 59730). Any detect below 0.5 ft is considered to be the result of activities other than fallout, and cesium-137 is a contaminant known to result from activities at TA-21. Cesium-137 was measured in the sludge from the septic tank at concentrations less than the fallout BV for surface soils. Cesium-137 was detected in four samples from SWMU 21-024(i): one from Area 1 and three from Area 3. The detect at Area 1 occurs at a depth of 8 to 10 ft bgs immediately to the southwest of the tank, and is 0.121 pCi/g. This detect was not duplicated in any of the other samples collected in the vicinity of the tank at similar or deeper depths. The detects of cesium-137 at Area 3 range from 0.153 to 0.294 pCi/g, and all are from 0.5 to 1 ft bgs. These may be the result of the low levels of cesium-137 found in the septic tank at SWMU 21-024(i), or of cross contamination from fallout cesium in the 0–0.5 ft interval.

Plutonium-238 and -239 are also COPCs at SMWU 21-024(i). Like cesium-137, these man-made isotopes are present in surface materials as a result of fallout and are also common contaminants as a result of

activities at TA-21. Plutonium-238 was detected in the tank sludge at 0.66 pCi/g. It occurs above BV in only one sample from the site, at Area 2. The sample from location 21-01606, in the central part of the excavated area, contains 0.024 pCi/g plutonium-238, which is very similar to the plutonium-238 BV of 0.023 pCi/g.

Plutonium-239 was detected in the tank sludge at 4.05 pCi/g (measured as plutonium-239/240). It was detected in samples from all three areas, but is most common and has the highest concentrations in Areas 2 and 3. In Area 1, plutonium-239 occurs in three locations under or near the tank and one location along the line. At one tank location (21-11218), plutonium-239 is detected at 8–9 ft bgs at 0.0323 pCi/L, but is not detected in the two deeper samples at this location. At two other tank locations, sampled in 1997, plutonium is detected at concentrations of 0.072 pCi/g (location 21-05113, northwest of the tank at 7–9 ft bgs) and at 0.099 pCi/g (location 21-05115, southwest of the tank at 8–10 ft bgs). Neither of these locations was sampled at any other depth. However, these locations are flanked by several 2001 sample locations with no detected plutonium-239 at any depth, other than the detect at 21-11218 at virtually the same depth. Along the outlet line (location 21-11196) plutonium-239 is detected at 0.059 pCi/g at 3–3.5 ft bgs and decreases to less than half that at 4.5–5.5 ft bgs. In Area 2, plutonium-239 follows the same trend as several of the other radionuclides. The maximum concentration is found in the middle of the outfall area (3.68 pCi/g at location 21-01606), but decreases or is not detected at locations further south (downgradient). This current-day maximum concentration also represents a decrease with depth, relative to two overlying samples collected at this location in 1993 (9.69 and 8.57 pCi/g) and excavated in 1998. Plutonium-239 in Area 3 shows a decreasing trend with depth at every sample location where enough soil existed to collect two depth intervals. The highest concentrations are generally within the central portion of the drainage area, with concentrations decreasing in all directions from the center, thereby confirming the lateral and vertical extent of plutonium-239 at Area 3.

Americium-241 is another fallout radionuclide that is widespread at TA-21 as a result of activities there. It was detected in samples from all three locations, and like most radioactive contaminants other than tritium, is more prevalent in the areas affected by the outfall (i.e., Areas 2 and 3) than in the immediate area of the tank. In Area 1, americium-241 occurs in only two locations. One detect (0.0198 pCi/g) occurred in a 2001 sample (location 21-11222), 20 ft to the northeast of the tank at a depth of 17 to 18 ft. The other location (21-01672), sampled in 1993, had detects of americium-241 at two depth intervals (5 to 10 ft bgs and 15 to 20 ft bgs) but not in the other depth intervals (0 to 5 ft bgs and 10 to 15 ft bgs). Both concentrations were low, 0.01 pCi/g in the shallower sample and 0.008 pCi/g in the deeper sample. In Area 2, the maximum concentration of americium-241 occurs at location 21-01606 (0.09 pCi/g), with lower concentrations or nondetects in the surrounding samples. Like plutonium-239, it occurred at higher concentrations in shallower samples collected from this location in 1993 (0.34 and 0.18 pCi/g) and excavated in 1998. In Area 3, americium-241 shows a decreasing trend with depth at all locations where soil development allowed for deeper sample collection. It is not detected in the furthest downgradient locations within Area 3.

Other radionuclide COPCs at SWMU 21-024(i) include the naturally occurring isotopes of uranium and thorium. Uranium-234, -235, and -238 occur at a few locations at the site and often at concentrations close to BVs. In Area 1, uranium-235 was detected at one location in Qbt3 (21-11222) at a concentration of 0.131 pCi/g, just above the BV of 0.09 pCi/g. In Area 2, uranium-234 was detected above the BV at locations 21-01605, -01606, and -10508. At location 21-01606, uranium-235 and -238 were also detected above BVs. All three sample locations are situated near the present-day surface near the center of the excavated area. All of the sample locations downgradient of these samples were within background for all of the naturally occurring isotopes of uranium. At locations 21-01605 and 21-01606, samples collected from shallower depth intervals that were subsequently excavated confirm a decreasing trend with depth for all isotopes of uranium.

Thorium-228 and -230 were detected above BV in only one sample at SWMU 21-024(i): along the outlet line in Area 1 at a depth of 3 to 3.5 ft bgs (location 21-11196). Thorium-228 was detected at 2.56 pCi/g and thorium-230 was detected at 2.27 pCi/g. Both detects were similar to the BVs (2.52 pCi/g for thorium-228 and 1.98 pCi/g for thorium-230), and were in the shallower of two samples at that location.

Organic Chemicals

Several organic COPCs were detected in all three areas of SWMU 21-024(i) (Figures 2.4-9 and 2.4-10). However, with the exception of PCBs (Aroclor-1260 and -1254) and some polynuclear aromatic hydrocarbons (PAHs), the majority of the organic detects were less than the estimated quantitation limits (EQLs). Several organic compounds had detected concentrations in a sample but not the corresponding field duplicate, or vice versa. Examples include diethylphthalate, bis(2-ethylhexyl)phthalate, methylene chloride, phenanthrene, and toluene.

The sludge from the septic tank contained Aroclor 1254 at a concentration of 35 mg/kg. Aroclor-1254 was detected at just three locations in Areas 1 and 2. The detect in Area 1 was limited to one sample at the end of the outfall pipe (location 21-11191) at a depth of approximately 0.5–1 ft bgs. The deeper sample collected at this location (3–3.5 ft bgs) did not have any detectable PCBs. Aroclor-1254 was also detected in two locations within the outfall area that remained following excavation (locations 21-10508 and -10515, both at 0–0.5 ft bgs).

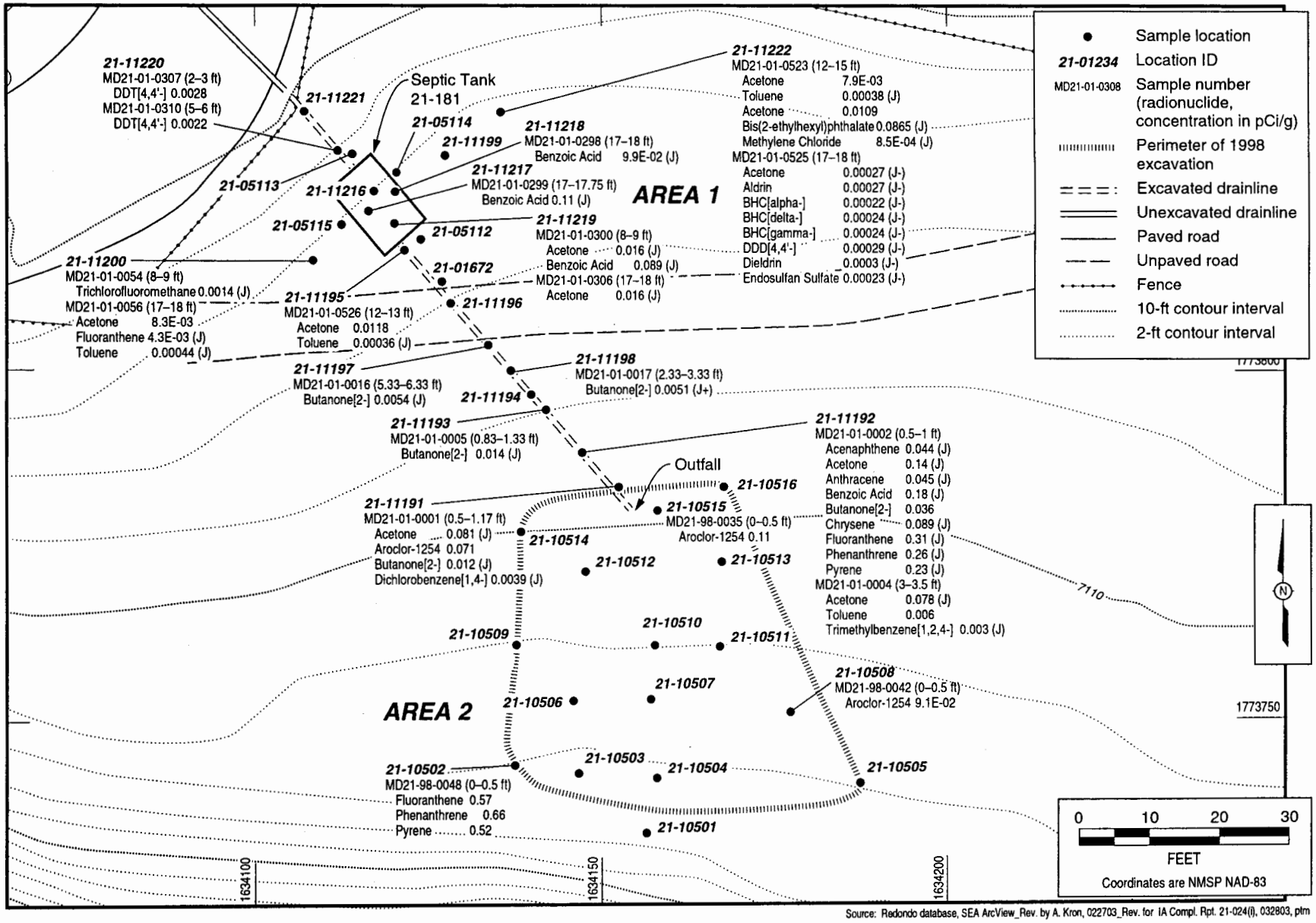
Aroclor-1254 and -1260 were detected in several of the samples collected in 2002 at Area 3. Detection of these compounds correlates with the most likely path of flow, with concentrations decreasing to the east and west of the flow line. All concentrations of Aroclor -1254 and -1260 show decreasing trends in deeper samples in the three locations where it was possible to collect deeper samples.

Pyrene was the most common PAH detected in samples from SWMU 21-024(i). It was detected in all three areas, but only once each in Areas 1 and 2. The detected concentration in Area 1 is limited to location 21-11192 (0.5–1 ft bgs), near the end of the outlet line, where several other PAHs were detected. Pyrene was not detected in the deeper sample (3–3.5 ft bgs) at this location. The detect in Area 2 is limited to location 21-10502 (0–0.5 ft bgs), near the edge of the excavated area, where it occurs with phenanthrene and fluoranthene. In Area 3, pyrene is detected in several samples collected along the most likely path of flow from the outfall above. Pyrene is not detected in any of the deeper samples collected from Area 3, nor is it detected in the easternmost or westernmost samples collected along the estimated flow path.

As mentioned above, several PAHs were detected in the shallow sample (0.5–1 ft bgs) at one location (21-11192) in fill south of the roadway. None were detected in the deeper sample (3–3.5 ft bgs) at this location. During excavation of SWMU 21-024(i), a variety of debris was encountered, including creosote-treated wood, which may have been brought in with the fill. Pyrene and several other PAHs also occurred in the sludge from the tank.

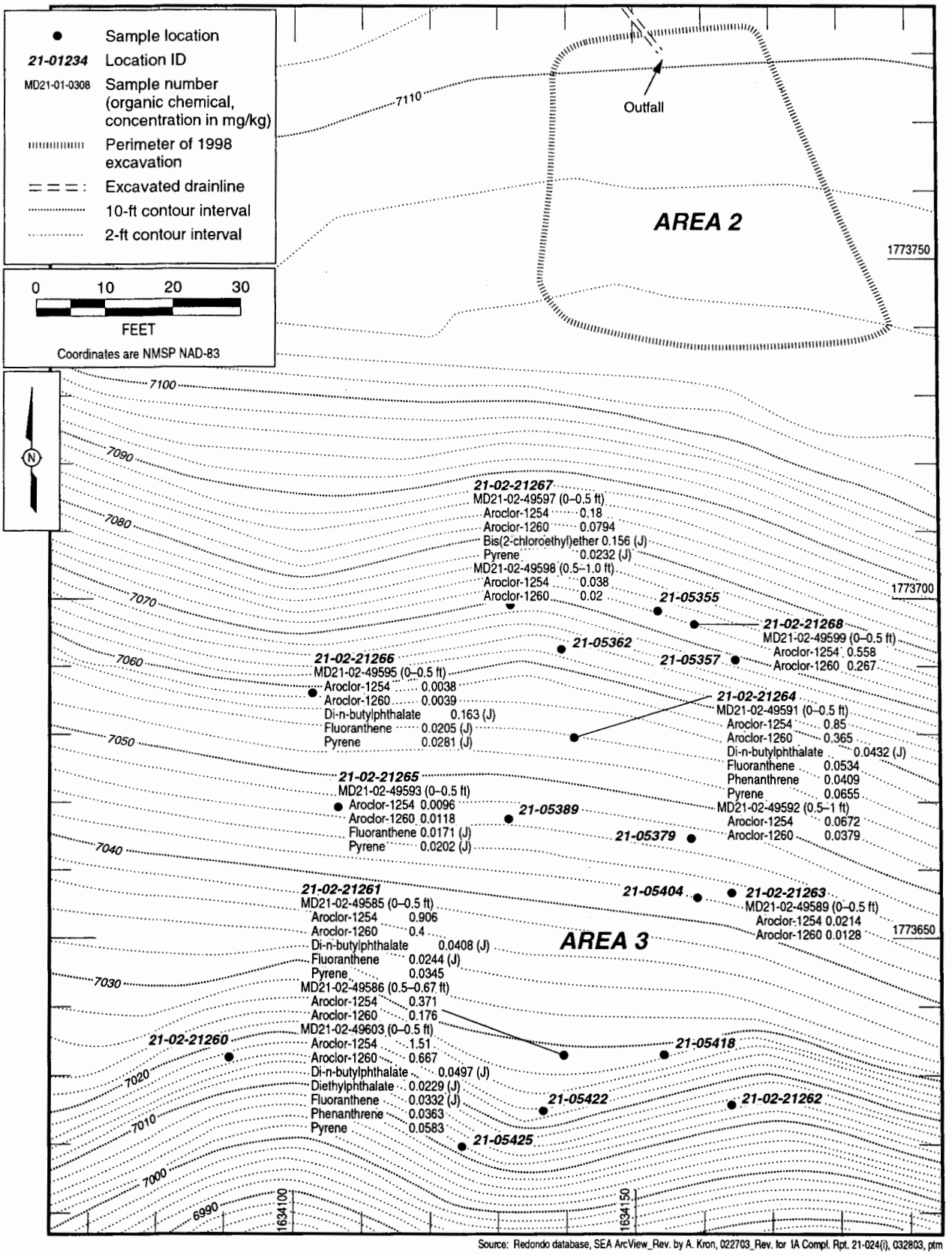
Acetone and toluene were detected at several locations within Area 1, and generally occurred together. The detected concentrations are nearly always less than EQLs and do not show any real pattern of distribution, either with depth or vertical distance from the tank. Another VOC, 2-butanone, is detected only along the outlet line south of the access road. With one exception (location 21-11197, 5.3–6.3 bgs), it is detected only in the shallow interval samples.

Several pesticides (aldrin, alpha-BHC, delta-BHC, gamma-BHC, 4,4'-DDD, dieldrin, and endosulfan sulfate) were detected below EQLs in one location 20 ft east of the tank (21-11222), at a depth of 17–18 ft. They were not detected in overlying samples, nor were they detected in any other samples from the site. 4,4'-DDT was detected in both samples (2–3 ft bgs and 5–6 ft bgs) at location 21-11220, but nowhere else at SWMU 21-024(i). Pesticides were not detected in the tank contents.



Source: Redondo database, SEA ArcView_Rev. by A. Kron, 022703_Rev. for IA Compl. Rpt. 21-024(i), 032803, ptm

Figure 2.4-9. Organic chemicals detected at Areas 1 and 2, SWMU 21-024(i)



Source: Redondo database, SEA ArcView_Rev. by A. Kron, 022703_Rev. for IA Compl. Rpt. 21-024(i), 032803, ptm

Figure 2.4-10. Organic chemicals detected at Area 3, SWMU 21-024(i)

Summary of Nature and Extent of Contamination

Several inorganic chemicals were identified as COPCs at SWMU 21-024(i). Many detected concentrations of the inorganic COPCs are very close to background and may reflect local variations of background, rather than releases from the septic tank. In Area 2, the shallow weathered tuff may have a background signature shifted towards that of soil, or small amounts of soil may be mixed in with the Qbt3 samples collected near ground surface. Several inorganic COPCs detected in Qbt3 samples from Area 2 exceeded Qbt3 BVs, but were within the range of background for soils.

Other inorganic chemicals are associated with the outfall from the tank, and follow very similar distributions. This is seen most clearly in Area 3, where mercury, lead, zinc, copper, and chromium are all present at the highest concentrations down the center of the effluent flow path, decreasing to the south, east, and west. All of these metals show decreasing trends with depth, with the exception of the Area 3 sample closest to the outfall.

Chromium and nickel occur within the septic tank footprint at concentrations slightly elevated relative to background. Chromium and nickel were present in the sludge at concentrations significantly lower than other metals (e.g., zinc); however, they were detected in samples collected under the tank whereas other inorganic chemicals found in the sludge were not. The excellent integrity of the septic tank, lack of any observed staining, and lack of any other COPCs beneath the tank (with the exception of tritium, which can diffuse through concrete over time) indicate these metals are not the result of a release from the septic tank.

Several of the radionuclides occur at concentrations very similar to background and may reflect local background variations (e.g., thorium-228, thorium-230, plutonium-238). Tritium and cesium-137 were often detected in Area 3 shallow subsurface samples at concentrations similar to the fallout BV, and may reflect the effects of fallout at depths slightly greater than 0.5 ft bgs. Other radionuclides are associated with the outfall, and follow a distribution similar to that of the inorganic COPCs (e.g. americium-241, plutonium-239, and uranium-234, -235, and -238).

Tritium occurs at the highest concentrations under the septic tank in Area 1. Tank integrity and lack of other contaminants at elevated concentrations below the tank indicate that tritium likely diffused through the concrete over time, consistent with the conceptual model for the site.

Although several organic chemicals were detected at the site, many were only detected a few times, with no clear source or pattern of distribution. With the exception of PCBs (Aroclor-1260 and -1254) and some PAHs, the majority of the organic detects were less than EQLs. Several organic compounds had detected concentrations in a sample but not the corresponding field duplicate, or vice versa. Only PCBs and pyrene, a PAH, appeared to be associated with releases from the septic system.

Based on concentrations and spatial distribution, COPCs at the site generally fall into one of three categories: (1) those that are clearly associated with the septic system and are distributed consistent with the conceptual site model, (2) those that occur sporadically and are more likely to be the result of the use of TA-21 for industrial purposes over many decades, and (3) those that occur at concentrations slightly above background and are likely to represent local background anomalies or mixtures of sample media such as soil and tuff. The nature and extent of the COPCs, particularly those that are clearly associated with the former septic system, have been defined.

2.4.3.2 Environmental Fate and Transport

The evaluation of environmental fate addresses the chemical processes that affect the persistence of a chemical in the environment. The evaluation of transport addresses the physical processes affecting mobility along the migration pathway. COPCs at SWMU 21-024(i) include inorganic, radioactive, and organic chemicals, which all behave differently with respect to fate and transport in the environment. The following paragraphs introduce some basic concepts of environmental fate and transport that affect COPCs at SWMU 21-024(i).

Organic Chemicals

Properties such as vapor pressure and solubility in water are important in evaluating organic chemical mobility. Table 2.4-8 presents data on the vapor pressure and solubility of the organic COPCs. The following information, summarized from Ney (1995, 58210), is presented to give an indication of the fate and transport tendencies of organic chemicals.

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 is to be mobile and the less likely it is to accumulate, bioaccumulate, volatilize, and persist in the environment. A highly soluble chemical (greater than 1,000 ppm or mg/L), is prone to biodegradation and metabolism that may detoxify the parent chemical. The lower the water solubility of a chemical (less than 10 ppm or mg/L), the more likely it is that it will be immobilized via adsorption, and thus less mobile, more accumulative or bioaccumulative, persistent in the environment, slightly prone to biodegradation, and may be metabolized in plants and animals. As shown in Table 2.4-8, acetone, 2-butanone, and toluene are highly soluble chemicals, whereas Aroclor-1254, Aroclor-1260, fluoranthene, and pyrene are relatively insoluble and 4,4'-DDT is insoluble.

Vapor Pressure. Chemicals with vapor pressure greater than 0.01 (1.0E-02) 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 (1.0E-06) mmHg are less likely to volatilize and, therefore, remain immobile. As shown in Table 2.4-8, acetone, 2-butanone, and toluene are volatile chemicals, whereas Aroclor-1254, Aroclor-1260, 4,4'-DDT, fluoranthene, and pyrene are not very volatile.

Table 2.4-8
Properties of Organic COPCs at SWMU 21-024(i)

Name	Vapor Pressure (mmHg)[a]	Water Solubility (mg/L)
Acetone	0.299 at 25ºC	6.04E+05
Aroclor-1254	7.7E-05 at 25ºC	0.031
Aroclor-1260	7.7E-05 at 25ºC	0.031
2-Butanone	77.5 at 20ºC	3.5E+05
Pyrene	5.59E-09 at 25ºC	0.13
Toluene	3.71E-02 at 25ºC	5.58E+02
4,4'-DDT	1.9E-07 at 25ºC	5.5E-03
Fluoranthene	5E-06 at 25ºC	0.2

[a] millimeters of mercury

Inorganic Chemicals

In general, metals and other inorganic chemicals tend not be very soluble or mobile in the environment. There are some exceptions, however, such as calcium and perchlorate. Appendix F provides detailed information on the properties that affect fate and transport for each of the inorganic COPCs.

Radionuclides

Several of the radionuclides identified as COPCs at SWMU 21-024(i) are actinides, including americium-241, plutonium-238 and -239, thorium-228 and -230, and uranium-234, -235, and -238. These actinides have similar chemical properties, but widely varying half-lives (e.g., thorium-228 with a half-life of 1.9 years vs. uranium-238 with a half-life of 4.5 billion years). The following information on actinides is summarized from Whicker and Schultz (1982, 58209, pp. 147–162).

In general, the actinide nuclides form comparatively insoluble compounds in the environment and are not considered biologically mobile. The actinides are transported in ecosystems mainly by physical and sometimes chemical processes. Uptake of actinides by plants from soil is generally considered to be low. Plutonium in the environment undergoes hydrolysis and oxidation with plutonium oxide (PuO_2) as a common form. Under most environmental conditions, plutonium occurs in forms that are poorly transferred across biological membranes; therefore, movement of plutonium from soil and sediments to plants and animals is greatly inhibited.

Because plutonium and americium under oxidizing conditions preferentially bind to fine soil or sediment particles or organic matter with high surface to volume ratios, it is likely they will be transported and deposited with sediments.

Two additional radionuclide COPCs at SWMU 21-024(i) are cesium-137 and tritium. Cesium-137 has a half-life of approximately 30 years. Cesium-137 is so tightly bound by the clay minerals of soil that root uptake is slight. (Eisenbud and Gesell 1977, 70130, page 104). Tritium has a half-life of approximately 12 years. In the form of tritiated water, tritium generally follows the hydrologic cycle. Tritium released in liquid form can be diluted by water and is subject to physical dispersion, percolation, and evaporation. Tritium readily enters plants by way of the roots (Whicker and Schultz, 1982, 58209, pp. 147-162).

2.5 Site Assessments

2.5.1 Screening Assessments

The human health screening assessment for SWMU 21-024(i) is presented in Section 2.5.1.1 and the ecological screening assessment is presented in Section 2.5.1.2. The human health screening was conducted according guidance outlined in the draft IWP (LANL 2000, 66802) and LANL (2002, 72639). The ecological screening assessment is based on the methodology described in "Screening Level Ecological Risk Assessment Methods" (LANL 1999, 64783).

2.5.1.1 Human Health

The human health screening assessment consists of four parts: scoping, screening evaluation, uncertainty analysis, and interpretation.

(a) Scoping

Land use at SWMU 21-024(i) is industrial (i.e., under Laboratory control) and will continue to be so for the foreseeable future. Future land use of the site is described in the land-use master plan and future land-use map for the Laboratory (LANL 1995, 57224).

The potential for human exposure to residual concentrations of chemicals and radionuclides in the environment at this site is very low because the site has restricted access (i.e., fenced and locked) and is not operational, so exposure is infrequent. Additionally, exposure is very low because most contamination is at depth so there is no direct exposure. Potential exposure pathways include inhalation of particulates, dust, or vapors, incidental ingestion of soil, dermal contact with the soil, and external irradiation.

Although a residential scenario is unlikely under current and projected future site conditions, the potential present-day risks were evaluated using this scenario because it is protective of human health. The SALs used in the screening evaluation reflect a residential exposure scenario that is based on an exposure of 24 hr/day and 350 days/yr.

Sample values in Areas 1, 2, and 3 were evaluated together for human health per the record of communication (ROC) resulting from a meeting with NMED on June 25, 2002 (LANL 2002, 74015). Sample values to a depth of 12 ft were considered in this evaluation as media from that depth could be excavated and brought to the surface for exposure.

(b) Screening Evaluation

The exposure point concentration used in this screening assessment was the upper 95% confidence level on the mean (UCL_{95}), or the maximum detected concentration or DL if there was not enough data to calculate a UCL_{95} (Appendix E).

The SAL comparison is conducted separately for noncarcinogens, carcinogens, and radionuclides. The chemical SALs are calculated based on the methodology provided in Appendix C of the draft IWP (LANL 2000, 66802) and LANL (2002, 72639) and are based on guidance from NMED (2000, 68554) and EPA Region 6 (2002, 73691). For radionuclides, the SALs are derived according to LANL (2001, 69683) and are presented in an update to this document (LANL 2002, 73705). The SALs for noncarcinogens are based on a hazard quotient (HQ) of 1.0. SALs for carcinogens are based on a cancer risk level of 10^{-6}. SALs for radionuclides are based on a dose of 15 mrem/yr. The exposure point concentration for each COPC was compared with the SAL for carcinogens and radionuclides, and 0.1 SAL for noncarcinogens because more than two noncarcinogenic COPCs have been identified. The comparison of exposure point concentrations with SALs is presented in Tables 2.5-1, 2.5-2, and 2.5-3 for noncarcinogenic, carcinogenic, and radionuclide COPCs, respectively.

The $UCLs_{95}$ or maximum sample concentrations of noncarcinogenic COPCs were all less than SAL and less than 0.1 SAL, with the exception of aluminum and antimony (Table 2.5-1). The hazard index (HI) (the sum of the ratios of exposure point concentration divided by the SAL) is approximately 0.6 (Appendix F), which is less than NMED's target HI of 1.0 (NMED 2000, 68554). This indicates that human health hazard is not expected from residual concentrations of noncarcinogenic COPCs at SWMU 21-024(i). Although calcium and magnesium were retained as COPCs, they are essential nutrients and are eliminated as COPCs (EPA 1989, 08021).

The exposure point concentration of the carcinogenic COPC arsenic was greater than SAL (Table 2.5-2). The exposure point concentrations for Aroclor-1254, Aroclor-1260, 4,4'-DDT, and chromium were less than SAL. The total potential excess cancer risk from exposure to carcinogenic COPCs at SWMU 21-024(i) is

approximately 1 x 10^{-5} (Appendix F). NMED's target risk level for carcinogenic risk is 1 in 100,000 (1 x 10^{-5}) (NMED 2000, 68554), which is not exceeded at this site.

Table 2.5-1
Comparison of Noncarcinogenic COPCs to SALs, SWMU 21-024(i)

Analyte	Sample ID	Location ID	Depth (ft bgs)	Exposure Point Concentration[a] (mg/kg)	SAL (mg/kg)	0.1 SAL (mg/kg)
Acetone	N/A[b]	N/A	N/A	0.039	1600	160
Aluminum	N/A	N/A	N/A	8015	74000	7400
Antimony	N/A	N/A	N/A	4.4	30	3
Barium	N/A	N/A	N/A	89.3	5200	520
2-Butanone	N/A	N/A	N/A	0.016	7300	730
Cobalt	N/A	N/A	N/A	1.7	4500	450
Copper	N/A	N/A	N/A	7.4	2800	280
Fluoranthene	N/A	N/A	N/A	0.36	2300	230
Lead	N/A	N/A	N/A	25.7	400	40
Lithium	AAA4129	21-01672	0.0–5.0	14.8	1600	160
Mercury	N/A	N/A	N/A	2.2	23	2.3
Nickel	N/A	N/A	N/A	6.6	1500	150
Perchlorate	MD21-02-49589	21-02-21263	0.0–0.5	0.05 (J)	7.8	0.78
Pyrene	N/A	N/A	N/A	0.29	1800	180
Selenium	N/A	N/A	N/A	0.53	380	38
Silver	N/A	N/A	N/A	0.85	380	38
Strontium	AAA4132	21-01672	10–15	415	37000	3700
Thallium	N/A	N/A	N/A	0.56	6.1	0.61
Toluene	N/A	N/A	N/A	0.004	180	18
Vanadium	N/A	N/A	N/A	8.3	530	53
Zinc	N/A	N/A	N/A	62	23000	2300

[a] All exposure point concentrations are $UCLs_{95}$ with the exception of lithium, perchlorate and strontium, which are maximum detected concentrations.

[b] N/A denotes that sample location, sample ID, and depth are not applicable because a UCL_{95} is calculated.

Table 2.5-2
Comparison of Carcinogenic COPCs to SALs, SWMU 21-024(i)

Analyte	Sample ID	Location ID	Depth (ft)	Exposure Point Concentration[a] (mg/kg)	SAL (mg/kg)
Aroclor-1254	N/A[b]	N/A	N/A	0.2	0.22
Aroclor-1260	N/A	N/A	N/A	0.18	0.22
Arsenic	N/A	N/A	N/A	3.7	0.39
Chromium	N/A	N/A	N/A	12.4	210
4,4'-DDT	MD21-01-0307	21-11220	2.0–3.0	0.0028	1.7

[a] All exposure point concentrations are $UCLs_{95}$ with the exception of 4,4'-DDT, which are maximum detected concentrations.

[b] N/A denotes that sample location, sample ID, and depth are not applicable because a UCL_{95} is calculated.

Table 2.5-3
Comparison of Radionuclides to SALs, SWMU 21-024(i)

Analyte	Sample ID	Location ID	Depth (ft)	Exposure Point Concentration[a] (pCi/g)	SAL[b] (pCi/g)	Dose[c] (mrem/y)	BV[d] (pCi/g)	BV Dose[c] (mrem/y)
Americium-241	N/A	N/A	N/A	0.065	39	0.025	N/A	N/A
Cesium-137	N/A	N/A	N/A	0.29	5.3	0.82	N/A	N/A
Plutonium-238	AAA4040	21-01606	1.0–1.33	0.024	49	0.0073	N/A	N/A
Plutonium-239	N/A	N/A	N/A	1.3	44	0.43	N/A	N/A
Thorium-228	N/A	N/A	N/A	1.7	2.0	12.9	2.28	17.6
Thorium-230	N/A	N/A	N/A	1.2	5.0	3.7	1.98	5.9
Tritium	N/A	N/A	N/A	69.7	890	1.2	N/A	N/A
Uranium-234	N/A	N/A	N/A	2.49	63	0.57	1.98	0.47
Uranium-235	N/A	N/A	N/A	0.13	17	0.11	0.09	0.079
Uranium-238	N/A	N/A	N/A	1.5	86	0.27	1.93	0.23
					Total Dose	**20**		**23**

[a] All exposure point concentrations are $UCLs_{95}$ with the exception of plutonium-238, which is a maximum sample value.

[b] SALs were obtained from LANL (2002, 73705).

[c] The calculation of dose is the exposure point concentration or background value divided by the SAL multiplied by 15 mrem/yr.

[d] The BVs shown are for Qbt 2,3,4 because they are the lesser values for soil and tuff. The exception is thorium-228 where the soil BV was used because it is less than the Qbt 2,3,4 BV. No fallout BVs are provided for the fallout radionuclides because the contribution to the dose is very small.

The $UCLs_{95}$ or maximum sample concentrations for radionuclide COPCs were less than the respective SALs. The total estimated radiological dose is approximately 20 mrem/yr (Appendix F) compared to the DOE acceptable dose for free release of property of 15 mrem/yr (DOE 2000, 67489) (Table 2.5-3). Radionuclides are regulated under DOE Order 5400.5, "Radiation Protection of the Public and the Environment," which states that the incremental dose over background is to be evaluated (i.e., the 15 mrem/yr dose for free release of property is the incremental dose above background). The background dose for the radionuclides was calculated to be approximately 23 mrem/yr using the BVs presented in LANL (1998, 59730). Therefore, the dose from exposure to the radionuclide COPCs is similar to the dose from background and satisfies the DOE target dose limit requirement.

(c) Uncertainty Analysis

The analysis presented in this human health screening assessment is subject to varying degrees and kinds of uncertainty. The uncertainties associated with the data evaluation, exposure assessment, toxicity assessment, and the additive approach may affect the results.

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

The exposure point concentrations for all noncarcinogens were less than SAL and less than 0.1 SAL, with the exception of aluminum and antimony. The exposure point concentration of aluminum (8015 mg/kg) is within the range of the background concentrations for aluminum (350 to 8370 mg/kg for Qbt3 and 900 to 61500 mg/kg for soil/fill) (LANL 1998, 59730); therefore, the exposure to aluminum is similar to background. Antimony was only detected once [6.6 (J) in Qbt3] but had DLs of 0.82 to 11.0 mg/kg that exceeded 0.1 SAL (3.0 mg/kg). The detected concentration of antimony and the DLs are less than the SAL of 30 mg/kg. Additionally, more recent sample data had DLs less than or similar to the BV (0.83 mg/kg), indicating that the elevated DLs overestimate the concentration of antimony at this site.

For radionuclides, all of the exposure point concentrations were less than the respective SALs. The concentrations for thorium-228 and thorium-230 were also similar to background concentrations (LANL 1998, 59730). Therefore, the dose for these radionuclides is also similar to background as illustrated in Table 2.5-3. Eliminating the dose contributed by thorium-228 and -230 results in an approximate incremental dose of 3.4 mrem/yr above background.

The exposure point concentrations of all carcinogens were less than SALs, with the exception of arsenic. The exposure point concentration (3.7 mg/kg) is within the range of the background concentrations for arsenic (0.25 to 5.0 mg/kg for Qbt3 and 0.3 to 9.3 mg/kg for soil/fill) (LANL 1998, 59730). Therefore, exposure to arsenic and the potential risk from arsenic across the site is similar to background.

Exposure Assessment: Uncertainties were identified in three areas of the exposure assessment process.

- *Identification of Receptors.* Land use and activity patterns are not represented by those activities assumed by the residential land-use scenario; therefore, uncertainties are introduced. Because the potentially exposed individual is an industrial worker, the screening assessment overestimates the exposure and subsequently overestimates the potential hazard, risk, and dose.

- *Exposure Pathway Assumptions.* For each exposure pathway, assumptions are made concerning the parameters, the routes of exposure, the 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 assumptions used are consistent with EPA-approved parameters and default values

(EPA 2002, 73691). When several upper-bound values are combined to estimate exposure for any one pathway, the resulting risks can be in excess of the 99th percentile and therefore outside the range that may be reasonably expected.

Exposure pathways at this SWMU are likely incomplete unless the site is excavated. The land use for this SWMU and the surrounding area (i.e., industrial land use) precludes this activity from occurring. Therefore, the potential hazard, dose, and risk at this site are overestimates of the potential exposure to COPCs.

- *Derivation of Exposure Point Concentrations.* Maximum detected concentrations used for comparison to SALs (i.e., lithium, perchlorate, strontium, and plutonium-238) leads to an overestimation of the exposure across the entire site. It also results in an overestimation of the potential risk to human health and radiological dose.
- *Extrapolation of low frequency-of-detect concentrations to the entire site.* COPCs such as Aroclor-1254 and -1260 were detected at a relatively low frequency (17% and 14%, respectively). However, the screening assessment assumes that the COPC concentrations are uniform (i.e., 100%) throughout the site. This leads to an overestimation of the exposure and subsequently overestimates the potential risk.

Toxicity Values. The primary uncertainty associated with the SALs is related to 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 2001, 70109; EPA 1997, 58968). 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 route of exposure, and (3) interindividual variability in the human population.

- *Extrapolation from Animals to Humans.* The SFs and RfDs are often determined based on extrapolation from animal data to humans, which may result in uncertainties in toxicity values because differences exist in chemical absorption, metabolism, excretion, and toxic response between animals and humans. The EPA takes into account differences in body weight, surface area, and pharmacokinetic relationships between animals and humans to minimize the potential to underestimate the dose-response relationship; however, more conservatism is usually incorporated in these steps.
- *Extrapolation from One Route of Exposure to Another Route of Exposure.* The SFs and RfDs can often contain extrapolations from one route of exposure to another. This extrapolation from the oral route to the inhalation and/or the dermal route is used and is based on the EPA's Integrated Risk Information System database (EPA 2001, 70109). Differences between the two exposure pathways could result in an overestimation of the risk.
- *Interindividual Variability in the Human Population.* For noncarcinogenic effects, the amount of human variability in physical characteristics is important in determining the risks that can be expected at low exposures and in determining the no observed adverse effect level (NOAEL). The NOAEL/uncertainty factor approach incorporates a 10-fold factor to reflect the possible interindividual variability in the human population and is generally considered a conservative estimate.

Additive Approach. For noncarcinogens, the effects of a mixture of chemicals are generally unknown and possible interactions could be synergistic or antagonistic, thereby overestimating or underestimating the risk. Additionally, the RfDs for different chemicals are not based on the same severity, effect, or target organ. Therefore, the potential for occurrence of noncarcinogenic effects can be overestimated for chemicals that act by different mechanisms and on different target organs but are addressed additively.

(d) Interpretation

Based on a residential scenario, the HI (0.6) is less than NMED's target level of 1.0, the carcinogenic risk (1×10^{-5}) is approximately equal to NMED's target risk of 1×10^{-5}, and the radiological dose above background (3.4 mrem/yr) is less than the DOE's target dose of 15 mrem/yr. Although this scenario represents a land use that is unlikely to occur at SWMU 21-024(i), the screening assessments indicate that there is no potential unacceptable risk to human health.

Because the risk, hazard, and dose at this SWMU do not exceed the target levels for NMED and DOE, it was unnecessary to assess the industrial scenario agreed to in the ROC (LANL 2002, 74015). The risk screening assessment indicates that a potential unacceptable risk does not exist under the residential scenario, which is protective of all potential scenarios including the industrial scenario.

2.5.1.2 Ecological

The approach for conducting ecological assessments is described in "Screening Level Ecological Risk Assessment Methods" (LANL 1999, 64783). The assessment consists of four parts: scoping, screening evaluation, uncertainty analysis, and interpretation of the results.

(a) Scoping

The scoping evaluation establishes the breadth and focus of the screening assessment. The ecological scoping checklist is a useful tool for organizing existing ecological information (Appendix F). This information was used to determine whether ecological receptors might be exposed, identify the types of receptors that might be present, and develop the ecological site conceptual model (ESCM) for the SWMU.

SWMU 21-024(i) is located in a moderately disturbed area of the mesa top surrounded by piñon and juniper (Areas 1 and 2). The habitat quality is adequate for supporting a typical piñon-juniper community. The vegetation classes are grassland-scrubland, piñon-juniper/juniper-savannah, and developed. The bench below the mesa top (Area 3), which contains the drainage channel from the outfall, is characterized by exposed tuff and little or no vegetation (primarily clumps of grass). This area is not a suitable habitat to support receptor populations (see Appendix I, Photographs 18 through 21). There are no threatened or endangered species habitats in the vicinity of SWMU 21-024(i); however, it is a potential foraging area for the Mexican spotted owl.

Potential for contamination of surface water or aquatic receptors is not relevant because there are no surface water bodies at this SWMU. There is also no perched or alluvial groundwater at this site. Groundwater transport to the regional aquifer is not applicable because of the depth of the regional aquifer (approximately 700–1000 ft bgs).

The ROC resulting from a June 25, 2002 meeting (LANL 2002, 74015) documents an agreement between the Laboratory and NMED that the ecological screening assessment conducted on characterization and/or confirmation data would be evaluated as follows:

- Area 1 and Area 2 together for the mesa top, and
- Area 3, the geological bench, separately.

Exposure point concentrations are determined only from samples collected between the ground surface and approximately a 5-ft depth (LANL 1999, 64783). The data was separated into two groups: 0 to 5-ft from Areas 1 and 2 and only data from the bench for Area 3.

For Areas 1 and 2, inorganic COPCs are aluminum, arsenic, barium, chromium, cobalt, copper, lead, lithium, magnesium, mercury, nickel, selenium, silver, strontium, thallium, vanadium, and zinc. Calcium and magnesium are essential nutrients and are eliminated as COPCs (EPA 1989, 08021.1). In addition, organic COPCs for these areas are acetone, Aroclor-1254, 2-butanone, 4,4'-DDT, fluoranthene, pyrene, and toluene. Radionuclide COPCs include americium-241, plutonium-239, thorium-228, thorium-230, tritium, uranium-234, uranium-235, and uranium-238. Antimony was not detected in Areas 1 and 2 and DLs indicate that it is present at concentrations similar to background.

For Area 3, aluminum, arsenic, beryllium, calcium, cobalt, iron, magnesium, manganese, nickel, potassium, selenium, sodium, and vanadium were below BV. Barium and cadmium concentrations were within the range of their respective background datasets (LANL 1998, 59730). Although antimony and silver were analyzed with high DLs in samples prior to 2002, samples collected in the 2002 had DLs and detected values below the respective BVs indicating that antimony and silver are not present in Area 3 at concentrations greater than background (LANL 1998, 59730). Therefore, inorganic COPCs for Area 3 from 0–5 ft are chromium, copper, lead, mercury, perchlorate, thallium, and zinc. Organic COPCs in Area 3 are Aroclor-1254, Aroclor-1260, fluoranthene, and pyrene, while radionuclide COPCs are americium-241, plutonium-239, thorium-228, thorium-230, tritium, uranium-234, uranium-235, and uranium-238.

$UCLs_{95}$ were calculated for Areas 1 and 2 together, and for Area 3 separately. If the data for an analyte were not sufficient to calculate a UCL_{95}, the maximum concentration for that analyte was used as the exposure point concentration.

(b) Screening Evaluation

The purpose of the ecological screening evaluation is to identify chemicals of potential ecological concern (COPECs) for SWMU 21-024(i). The evaluation involves the calculation of HQs for all COPCs and all appropriate screening receptors (LANL 1999, 64783). The HQs are the ratios of the exposure point concentrations ($UCLs_{95}$ or maximum COPC concentrations) to the ESLs. The HI is a sum of HQs. An HQ or HI greater than 1.0 is considered an indication of potential adverse impacts. COPCs with HQs greater than 0.3 are identified as COPECs and are evaluated further. COPCs without ESLs are also retained and evaluated further. ESLs for terrestrial receptors were obtained from the Laboratory's ECORISK database (LANL 2002, 73702). ESLs for various receptors are provided in Appendix F, Table 5.0-1.

Results of the comparison of the exposure point concentration and the minimum ESL are shown in Table 2.5-4. For Areas 1 and 2, Aroclor-1254, arsenic, barium, chromium, cobalt, copper, mercury, nickel, selenium, silver, strontium, thallium, vanadium, and zinc had HQs greater than 0.3 and are retained as COPECs. Acetone, 2-butanone, fluoranthene, pyrene, toluene, lead, americium-241, plutonium-239, thorium-228, thorium-230, tritium, uranium-234, uranium-235, and uranium-238 were eliminated as COPECs. For Area 3, Aroclor-1254, Aroclor-1260, chromium, copper, lead, mercury, thallium, and zinc had HQs greater than 0.3 and are retained as COPECs. Fluoranthene, pyrene, americium-241, plutonium-239, thorium-228, thorium-230, tritium, uranium-234, uranium-235, and uranium-238 were eliminated as COPECs.

The toxicity of aluminum is highly dependent on soil pH and the EPA identified aluminum as a COPEC only where 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 6.6 to 7.8 (Nyhan et al. 1978, 05702), indicating that aluminum at this site is not toxic. Therefore, aluminum is not a COPEC at SWMU 21-024(i).

Table 2.5-4
Final ESL Comparison, SWMU 21-024(i)

Analyte	Exposure Point Concentration, 0–5 ft[a] (mg/kg)		Final ESL (mg/kg)	Receptors	HQ[b] (unitless)	
	Areas 1 and 2	Area 3			Areas 1 and 2	Area 3
Acetone	0.14 (max)	—	3.8	Deer mouse	0.04	—
Aroclor-1254	0.11 (max)	0.58 (UCL)	0.022	Vagrant shrew	5.0	26.4
Aroclor-1260	—	0.26 (UCL)	0.44	Robin (insectivore)	—	0.59
2-Butanone	0.04 (max)	—	1300	Deer mouse	0.00003	—
4,4'-DDT	0.0028 (max)	—	0.0026	Robin (insectivore)	1.1	—
Fluoranthene	0.57 (max)	0.0285 (UCL)	26	Vagrant shrew	0.022	0.001
Pyrene	0.52 (max)	0.06 (max)	15	Vagrant shrew	0.03	0.004
Toluene	0.006 (max)	—	70	Vagrant shrew	0.0001	—
Arsenic	4.09 (UCL)	—	0.83	Vagrant shrew	4.9	—
Barium	108 (UCL)	—	2.5	Vagrant shrew	43.2	—
Chromium	10.1(UCL)	16.0 (UCL)	1.4	Earthworm	7.2	11.4
Cobalt	2.26 (UCL)	—	0.051	Robin (insectivore)	44.3	—
Copper	6.15 (UCL)	9.21 (UCL)	10	Plant	0.62	0.9
Lead	15.7 (UCL)	52 (UCL)	100	Vagrant shrew	0.16	0.5
Lithium	14.8 (max)	—	N/A[c]	N/A	—	—
Magnesium	2764 (UCL)	—	N/A	N/A	—	—
Mercury	0.315 (UCL)	3.23 (UCL)	0.05	Earthworm	6.3	64.6
Nickel	7.57 (UCL)	—	1.5	Vagrant shrew	5.1	—
Perchlorate	—	0.05 (max)	N/A	N/A	—	—
Selenium	0.612 (UCL)	—	0.1	Plant	6.1	—
Silver	0.868 (UCL)	—	0.05	Plant	17.4	—
Strontium	223 (max)	—	71	Deer Mouse	3.14	—
Thallium	0.827 (UCL)	1.5 (max)	0.032	Vagrant shrew	25.8	46.9
Vanadium	15.1 (UCL)	—	0.025	Plant	604	—
Zinc	58.7 (UCL)	98.8 (UCL)	0.19	Vagrant shrew	309	520
Americium-241	0.09 (max)	0.08 (max)	44.0	Earthworm	0.002	0.002
Plutonium-239	3.68 (max)	1.51 (UCL)	47.0	Earthworm	0.08	0.03
Thorium-228	1.85 (UCL)	1.61 (max)	43.0	Earthworm	0.04	0.04
Thorium-230	1.24 (UCL)	1.24 (max)	52.0	Earthworm	0.02	0.02
Tritium	29.3 (UCL)	0.7 (UCL)	36000	Plant	0.0008	0.00002
Uranium-234	2.23 (UCL)	5.95 (UCL)	51.0	Earthworm	0.04	0.12
Uranium-235	0.121 (UCL)	0.13 (UCL)	55.0	Earthworm	0.002	0.002
Uranium-238	1.5 (UCL)	1.59 (UCL)	55.0	Earthworm	0.03	0.03

[a] A dash in these columns indicates that the COPC was not detected or was similar to background in this particular Area within the depths of 0 to 5 ft.
[b] A dash in these columns indicates that a HQ was not calculated because the COPC was not detected, was similar to background or there is no ESL for this COPC.
[c] N/A is not available.

The COPECs were evaluated further in Tables 2.5-5 and 2.5-6. The HQ for each COPEC/receptor combination as well as the HIs for each receptor was calculated. The HI is the sum of HQs for chemicals with common toxicological endpoints for a given receptor. For the purposes of ecological screening, it is assumed that nonradionuclides have common toxicological effects. The HI analysis provides a clearer picture of potential adverse impacts by determining how many receptors may be affected.

Table 2.5-5
SWMU 21-024(i), Areas 1 and 2 Hazard Index Analysis[a]

Analyte	HQ Plant	HQ Invertebrate	HQ Deer Mouse	HQ Vagrant Shrew	HQ Desert Cottontail	HQ Robin Insectivore	HQ Robin Omnivore	HQ Robin Herbivore	HQ Kestrel	HQ Kestrel[b]	HQ Fox
Aroclor-1254	0.01	—[c]	2.44	5.0	0.04	2.68	1.38	0.08	.065	0.5	0.73
Arsenic	0.41	0.60	2.41	4.93	0.20	0.22	0.13	0.04	0.03	0.002	0.04
Barium	1.08	—	23.5	43.2	3.09	0.47	0.28	0.11	0.06	0.002	0.25
Chromium	4.21	7.21	0.005	0.01	0.002	0.02	0.02	0.01	0.002	0.001	0.00056
Cobalt	9.04	—	11.9	24.8	0.45	44.3	24.30	4.91	5.95	0.38	0.23
Copper	0.62	0.47	0.01	0.01	0.01	0.25	0.31	0.36	0.03	0.0044	0.00034
Mercury	0.01	6.30	0.01	0.02	0.001	0.52	0.36	0.23	0.07	0.03	0.0007
Nickel	0.38	0.08	2.1	5.05	0.58	0.02	0.02	0.01	0.0022	0.001	0.14
Selenium	6.12	0.08	0.32	0.67	0.01	0.56	0.31	0.06	0.07	0.004	0.01
Silver	17.4	—	0.01	0.01	0.0018	0.06	0.05	0.03	0.01	0.0004	0.00006
Strontium	—	—	3.14	2.03	2.03	—	—	—	—	—	0.01
Thallium	8.27	—	12.2	25.8	0.3	—	—	—	—	—	0.3
Vanadium	604	—	0.76	1.57	0.02	5.39	2.96	0.54	0.72	0.03	0.01
Zinc	5.87	0.17	210	309	58.7	0.61	0.45	0.28	0.09	0.01	4.89
4,4'-DDT	0.0008	—	0.001	0.003	0.00001	1.08	—	0.54	0.3	0.3	0.0006
HI	**59.5**	**14.9**	**269**	**422**	**65.4**	**56.2**	**30.6**	**7.2**	**8.0**	**1.3**	**6.6**
			.077	.39	2.5	.42	.42	.42	13	13	

[a] These numbers are unitless.

[b] Kestrel with a 100% meat diet; used as a surrogate for avian T&E species.

[c] Dash indicates there is no toxicological data for this combination of analyte and receptor available.

Table 2.5-6
SWMU 21-024(i), Area 3 Hazard Index Analysis[a]

Analyte	HQ Plant	HQ Invertebrate	HQ Deer Mouse	HQ Vagrant Shrew	HQ Desert Cottontail	HQ Robin Insectivore	HQ Robin Omnivore	HQ Robin Herbivore	HQ Kestrel	HQ Kestrel[b]	HQ Fox
Aroclor-1254	0.06	—[c]	12.9	26.4	0.21	14.1	7.25	0.41	3.41	2.64	3.87
Aroclor-1260	—	—	0.03	0.05	0.00039	0.59	0.30	0.02	0.14	0.12	0.01
Chromium	6.67	11.4	0.01	0.02	0.0013	0.03	0.03	0.02	0.003	0.001	0.001
Copper	0.9	0.71	0.02	0.02	0.01	0.37	0.46	0.54	0.04	0.01	0.00
Lead	0.1	0.03	0.24	0.5	0.06	0.35	0.26	0.17	0.04	0.01	0.01
Mercury	0.1	64.6	0.07	0.16	0.01	5.30	3.71	2.31	0.70	0.27	0.01
Thallium	15	—	22.1	46.9	0.52	—	—	—	—	—	0.52
Zinc	9.88	0.28	353	520	98.8	1.02	0.76	0.47	0.15	0.02	8.23
HI	**32.7**	**77.0**	**388**	**594**	**99.6**	**21.8**	**12.8**	**4.0**	**4.5**	**3.1**	**12.5**

[a] These numbers are unitless.

[b] Kestrel with a 100% meat diet; used as a surrogate for avian T&E species.

[c] Dash indicates there is no toxicological data for this combination of analyte and receptor available.

(c) Uncertainty Analysis

The uncertainty analysis describes the key sources of uncertainty related to the screening assessment. This analysis can result in either adding or removing chemicals from the list of COPECs for the SWMU. This narrative contains a qualitative uncertainty analysis of the issues relevant to evaluating the potential ecological risk at SWMU 21-024(i).

The concentrations used in the calculations of HQs for Areas 1 and 2 (Aroclor-1254, 4,4'-DDT, and strontium), and Area 3 (thallium) were the maximum detected concentrations in soil, thereby overestimating the actual concentrations of each COPEC. The COPECs were assumed to be 100% bioavailable, and the maximum concentration was assumed to be uniform throughout the site. Additional assumptions included in the calculation of the ESLs are maximum receptor ingestion rates, minimum body weight, and 100% home range. These assumptions, plus the assumption of additive effects for multiple COPECs, overestimates the potential risk to the receptors.

The chemical form of the individual COPCs was not determined as part of this investigation. This is largely a limitation on analytical quantitation of individual chemical species. Toxicological data are typically based on the most toxic and bioavailable chemical species, which are not likely found in the environment. The inorganic and organic COPECs are generally not 100% bioavailable to receptors in the natural environment due to the adsorption of chemical constituents to matrix surfaces (e.g., soils), or rapid oxidation or reduction changes that render harmful chemical forms unavailable to biotic processes. The ESLs were calculated to ensure a conservative indication of potential risk (LANL 1999, 64783) and the values were biased toward overestimating the potential risk to receptors.

Chemicals with HQs greater than 0.3 are discussed below.

Aroclor-1254. Aroclor-1254 was only detected at three locations in Areas 1 and 2. These detected concentrations were confined to Area 2 and the portion of Area 1 containing the outfall and outlet pipe. This is approximately 0.02 ha, which is less than the receptor home ranges. Receptor home ranges range from 0.077 ha for the deer mouse to 699 ha for the fox (EPA 1993, 59384). This results in area use factors (AUFs) (site area divided by the home range) ranging from 0.26 to 0.00003, which can then used to adjust the HQ to a more realistic value. By applying an AUF, the assumption of 100% occupancy is replaced by a more realistic exposure, i.e., the fraction of the home range that is equivalent to the exposure area. By multiplying the HQs by the AUF for each receptor, the adjusted HQs are less than 1.0 and Aroclor-1254 is not retained as a COPEC.

In Area 3, Aroclor-1254 was detected in all 10 samples (plus a duplicate) in which it was analyzed. As mentioned previously, Area 3 is not a suitable habitat to support receptor populations. In addition, the area on the bench related to the drainage from the SWMU is approximately 0.036 ha. This is less than the home ranges for the receptors and results in AUFs of 0.47 to 0.00005. The adjusted HQs for Area 3 are less than 10. This plus the unsuitability of the habitat indicates that there are no potential ecological impacts from Aroclor-1254 in Area 3.

Aroclor-1260. Aroclor-1260 was detected in all 10 samples and one duplicate in Area 3 (not detected in Areas 1 and 2). The HQs for Aroclor-1260 were 0.6 or less and would be further decreased if AUFs were applied as described above. Therefore, Aroclor-1260 is not a COPEC.

Arsenic. Arsenic was not detected in soil or fill at Areas 1 and 2 above the range of the background concentrations and was detected in only three Qbt3 samples above the range of the background concentrations (LANL 1998, 59730). The area wherein arsenic was detected is bounded by samples with arsenic at background levels. The area that includes the detected concentrations above background is

approximately 0.015 ha. The home ranges for the deer mouse and shrew are 0.077 ha and 0.39 ha, respectively (EPA 1993, 59384). Therefore, the AUFs are approximately 0.2 for the deer mouse and 0.04 for the shrew. Multiplying the HQs by the AUFs reduces the HQs to less than 1.0 indicating that arsenic is not a COPEC.

Barium. Barium was not detected in soil or fill at Areas 1 and 2 above the BV but was detected in seven Qbt3 samples above the range of the background concentrations (LANL 1998, 59730). These seven samples are not located near each other and there are nearby samples that indicate barium is within the range of background concentrations. Therefore, the elevated concentrations of barium represent only a small portion of the site. The minimum ESL for barium (2.5 mg/kg for the vagrant shrew) is substantially less than the barium soil/fill BV (295 mg/kg) and the Qbt3 BV (46 mg/kg). The BVs are also higher than the ESLs for the plant, desert cottontail, and deer mouse receptors. As a result, the elevated HQs for these receptors are not representative of potential risk. The barium concentrations are similar to background (either less than the soil BV or approximately twice the tuff BV) so exposure to barium is similar to background. Barium was not detected above range of the background concentrations in Area 3. Therefore, barium is not retained as a COPEC.

Chromium. Chromium was not detected in soil or fill at Areas 1 and 2 above the range of the background concentration and was detected in only one Qbt3 sample slightly above the range of the background concentrations (0.25 mg/kg to 13 mg/kg) (LANL 1998, 59730). The minimum ESL for chromium (1.4 mg/kg for the earthworm) is less than the chromium soil/fill BV (19.3 mg/kg) and the Qbt3 BV (7.14 mg/kg) (LANL 1998, 59730). The BVs are also higher than the ESL for the plant. This results in HQs that are not representative of potential risk. The exposure point concentration for chromium in Areas 1 and 2 (10.1 mg/kg) is similar to background concentrations in soil and tuff. Chromium was detected above the range of the background dataset in Area 3 in three samples. Like Areas 1 and 2, the BVs were greater than the ESLs for the earthworm and the plant resulting in elevated HQs that are not representative of potential risk. In addition, Area 3 is not a suitable habitat for earthworms and plant populations. Therefore, chromium is not retained as a COPEC.

Cobalt. The UCL_{95} for cobalt (2.26 mg/kg) is less than the soil/tuff BVs (soil BV = 8.64 mg/kg, Qbt 2,3,4 BV = 3.14 mg/kg) (LANL 1998, 59730). Cobalt was not detected above the BV in Area 3. Therefore, exposure to cobalt across the SWMU is similar to background and cobalt is not retained as a COPEC.

Copper. The UCL_{95} for copper (6.15 mg/kg) in Areas 1 and 2 is less than the soil BV for copper (14.7 mg/kg) and the maximum of the background concentration for Qbt3 (6.2 mg/kg) (LANL 1998, 59730). The UCL_{95} for copper (9.2 mg/kg) in Area 3 is less than soil BV and similar to Qbt3 background concentrations. Therefore, exposure to copper across the SMWU is similar to background and copper is not retained as a COPEC.

Mercury. The nominal background for mercury is the DL of 0.1 mg/kg. The UCL_{95} for mercury in Areas 1 and 2 is 0.3 mg/kg, which is similar to background. In Area 3, mercury was detected 23 times. The HQ for mercury was greater than one for the earthworm and the robins (insectivore, herbivore, and omnivore). Area 3 is not a suitable habitat to support receptor populations, especially earthworms due to the lack of organic material. In addition, the AUF for the robin (0.09) reduces the robin HQs to less than 1.0. Therefore, mercury is not retained as a COPEC.

Nickel. Nickel was not detected in soil or fill at Areas 1 and 2 above the BV and was detected in only four Qbt3 samples above the BV. The minimum ESL for nickel (1.51 mg/kg for the vagrant shrew), as well as the ESL for the deer mouse (3.0 mg/kg) are less than the nickel background (6.8 mg/kg for soil and 15.4 mg/kg for Qbt3) (LANL 1998, 59730). Because these ESLs are less than background, they are not representative of potential risk. In addition, the UCL_{95} for nickel (7.57 mg/kg) is similar to the maximum of

the range of the background concentrations for Qbt3 (7 mg/kg) (LANL 1998, 59730), so exposure to nickel is similar to background. Nickel was not detected above the BV in Area 3. Therefore, nickel is not retained as a COPEC.

Selenium. Selenium was not detected in soil or fill at Areas 1 and 2 above the range of the background concentrations but was detected above the Qbt3 BV (0.3 mg/kg) (LANL 1998, 59730). Selenium concentrations in tuff ranged from 0.31 mg/kg to 0.76 mg/kg with a UCL_{95} of 0.6 mg/kg. These concentrations of selenium are similar to background (approximately twice the BV or less) and are not indicative of a release from the septic tank. Selenium was not detected above BV in Area 3. Therefore, selenium is not retained as a COPEC.

Silver. Silver was not detected in soil, fill, or Qbt3 at Areas 1 and 2 above the BV (1.0 mg/kg) but some of the DLs were elevated above the BV (1.1 mg/kg to 2.3 mg/kg). However, the UCL_{95} (0.87 mg/kg) is less than BV. Silver was also not detected above the BV in Area 3. Although DLs were elevated above the BV (1.4 mg/kg to 1.6 mg/kg) samples collected in 2002 indicated that silver was not present above background. Therefore, silver is not retained as a COPEC.

Thallium. Thallium was not detected in soil, fill, or Qbt3 at Areas 1 and 2 above the BV (0.73 mg/kg for soil and 1.1 mg/kg for Qbt3) (LANL 1998, 59730) but some of the DLs were elevated above the BV (2.0 mg/kg to 2.3 mg/kg). However, the UCL_{95} for Areas 1 and 2 is similar to the soil BV (within the range of background concentrations) but less than the Qbt3 BV. Thallium was detected once above the BV in Area 3 (1.5 mg/kg). This concentration is within the range of background concentrations for Qbt3 (0.05 mg/kg to 1.7 mg/kg) and less than twice the maximum soil background concentration (1.0 mg/kg). Exposure to thallium across the site is similar to background. Therefore, thallium is not retained as a COPEC.

Vanadium. Vanadium was not detected in soil or fill at Areas 1 and 2 above the BV but was detected once in Qbt3 above the range of the background concentrations (LANL 1998, 59730). However, the UCL_{95} for Areas 1 and 2 (15.1 mg/kg) is similar to the Qbt3 BV (17 mg/kg) and less than the soil BV (39.6 mg/kg). Vanadium was not detected above background in Area 3. Therefore, vanadium is not retained as a COPEC.

Zinc. The ESLs for the vagrant shrew (0.19 mg/kg), the deer mouse (0.28 mg/kg), the desert cottontail (1 mg/kg), the plant (10 mg/kg), and the fox (12 mg/kg) are less than BVs for soil, fill and Qbt3. Because these ESLs are less than background, they are not representative of potential risk. The UCL_{95} for Areas 1 and 2 (58.7 mg/kg) is similar to the Qbt3 BV (63.5 mg/kg) and within the range of soil background concentrations (14 mg/kg to 75.5 mg/kg) (LANL 1998, 59730). The UCL_{95} for Area 3 (98.8 mg/kg) is above the background concentrations for soil and Qbt3 but less than twice the maximum background concentrations. As described previously, Area 3 does not provide a suitable habitat to support receptor populations. This plus the similarity of the exposure to background makes potential impacts from zinc unlikely. Therefore, zinc is not retained as a COPEC.

There is no ESL information for the following chemicals:

Lithium. Lithium was detected in one sample in Areas 1 and 2, representing only a very small portion of the site, and not at all in Area 3. Therefore, exposure to lithium is infrequent and is not a contributor to potential risk. Lithium is not retained as a COPEC.

Perchlorate. Perchlorate was detected in one sample in Area 3 at an estimated (J-qualified) concentration of 0.05 mg/kg. This concentration is below the DLs for the remainder of the dataset of

0.12–0.31 mg/kg. Therefore, exposure to perchlorate is infrequent and is not a contributor to potential risk. Perchlorate is not retained as a COPEC.

Strontium. Strontium was detected in one sample from Areas 1 and 2, representing only a very small portion of the site, and not at all in Area 3. Therefore, exposure to strontium is infrequent and is not a contributor to potential risk. Strontium is not retained as a COPEC.

(d) Interpretation

The incorporation of conservatisms in key parameters used to calculate the ESLs results in an overestimation of the potential risk to ecological receptors. This resulted in the COPECs with ESLs below background being indicated as a potential hazard to ecological receptors (i.e., elevated HQs and HIs) when the exposure to the COPECs is actually similar to background. The application of AUFs provides a more realistic exposure relative to the receptor's home range and resulted in the elimination of some COPECs, e.g., Aroclor-1254. Other COPECs do not contribute to potential risk because exposure is infrequent (detected concentrations occur only once or twice across the areas). Because Area 3 does not provide a suitable habitat to support receptor populations, the potential risk to receptors is overestimated.

As a result of the screening assessment for ecological risk, no COPECs are retained at SWMU 21-024(i).

2.5.2 Surface Water Assessments

On February 23, 2003, an updated surface water assessment was conducted at SWMU 21-024(i), following the procedure outlined in ER-SOP-2.01, Surface Water Site Assessments. The original surface water assessment, conducted on November 1, 1998, needed to be updated following removal of the tank and lines at the site. Based on slope, vegetation cover, and visible signs of erosion, an erosion matrix score of 34.5 was applied to the site. This score indicates a relatively low potential for erosion in the area of SWMU 21-024(i). This score takes into account best management practices (BMPs) that are in place, and the erosion potential without BMPs may be higher. In addition, site restoration at SWMU 21-024(i) is relatively recent, and erosion potential may decrease as vegetation becomes better established. Please see Appendix B for the complete Surface Water Assessment form.

2.6 Conclusions and Recommendations

SWMU 21-024(i) has been investigated and remediated by the RRES-R Program, beginning with the Phase I RFI in 1992 and concluding with the IA and characterization activities in 2001 and 2002. The septic tank, outlet line, and a portion of the inlet line were removed and confirmatory samples were collected from beneath these structures. The remainder of the inlet line will be removed and associated soils characterized and (if necessary) removed when the TSTA facility is no longer active.

The investigation conducted at SWMU 21-024(i) resulted in the identification of several COPCs. Based on spatial distribution, COPCs at the site generally fall into one of three categories: (1) those that are clearly associated with the septic system and are distributed consistent with the conceptual site model, (2) those that occur sporadically and are more likely to be the result of the use of TA-21 for industrial purposes over many decades, and (3) those that occur at concentrations slightly above background and are likely to represent local background anomalies or mixtures of sample media (soil and tuff). The nature and extent of the COPCs, particularly those that are clearly associated with the former septic system, have been defined.

The COPCs retained by the data review process were assessed for their potential to pose an unacceptable risk to human and ecological receptors. The human health screening assessment was based on a residential scenario although the current and future land use is industrial. The assessment

found that all noncarcinogenic COPCs had UCL_{95} or maximum concentrations less than one-tenth their individual SALs, with the exception of aluminum and antimony. Only one chemical carcinogen (arsenic) had a UCL_{95} greater than the SAL. The HI for noncarcinogenic COPCs was less than 1.0 (0.6) and the total incremental cancer risk was $1x10^{-5}$. These values do not exceed NMED's target levels for systemic hazard and cancer risk (NMED 2000, 68554) and therefore do not pose an unacceptable risk to human health under residential exposure conditions.

No radiological COPC had a UCL_{95} or maximum concentration greater than SAL. The calculated dose for the exposure point concentrations was approximately 20 mrem/yr. However, the dose contributed by background concentrations of isotopic thorium is approximately 23 mrem/yr. Because the UCL_{95} concentrations of thorium-228 and thorium-230 are similar to background, the dose is comparable to the background dose. The dose from the remaining COPCs is approximately 3.4 mrem/yr, which is less than the target dose limit of 15 mrem/yr set forth by DOE for the free release of property (DOE 2000, 67489). This assessment, with its use of SALs based on the residential exposure scenario, found that the residual concentrations of radionuclides at this SWMU do not pose an unacceptable dose to human receptors.

The ecological screening assessment identified Aroclor-1254, Aroclor-1260, and several inorganic chemicals as COPECs. The COPECs were evaluated in the context of exposure and background and were found not to pose a potential for adverse impacts to ecological receptors. In addition, Area 3 does not provide a suitable habitat to support receptor populations so potential risk to receptors is unlikely.

The screening assessments for human health and the environment do not indicate a potential unacceptable risk to human or ecological receptors. Therefore, SWMU 21-024(i) is recommended for no further action (NFA) based on Criterion 5, "The SWMU has been characterized or remediated in accordance with current and applicable state or federal regulations, and the available data indicate that contaminants pose an acceptable level of risk under current and projected land use" (NMED 1998, 57897).

3.0 WASTE MANAGEMENT

The waste streams generated and managed during this IA included the following:

- pumpable septic tank liquids;
- sludge and absorbed wash waters (from septic tank);
- mixed debris (tank contents and contaminated items);
- concrete debris (septic tank);
- vitrified clay pipe, personal protective equipment (PPE), plastic, and other investigation-derived wastes (IDW); and
- miscellaneous uncontaminated solid wastes.

All wastes were managed in accordance with applicable Federal, State, DOE, and Laboratory requirements. Waste streams, regulatory classification, amounts, and disposal pathways are shown in Table 3.1-1.

Pumpable liquid from the septic tank, sludge, absorbed wash waters, and other "contact" debris (wood baffles, plastic contamination barriers, etc.) were managed as MLLW due to the presence of listed hazardous solvents and radionuclides (principally tritium) in the waste streams. EPA Hazardous Waste Numbers F002 and F005 were applied to the MLLW streams.

Table 3.1-1
Waste Streams from SWMU 21-024(i) Interim Action

Waste Stream	Waste Type	Volume	Shipped To
Septic tank liquids	Liquid, MLLW	220 gal.	Diversified Scientific Services, Inc. (DSSI) Kingston, TN
Sludge and absorbed wash waters	Solid, MLLW	180 ft^3	Applied Technologies Group (ATG) Inc., Richland, WA
Mixed Debris (tank contents and contaminated items)	Solid, MLLW	53 ft^3	The Laboratory, TA-54, Area L
Concrete Debris	Hazardous waste containing residual radioactive material	972 ft^3	Waste Control Specialists (WCS), Andrews, TX
Vitrified clay pipe, PPE, plastic, disposable sampling supplies, and other IDW	Low-level waste (LLW)	48 ft^3	The Laboratory, TA-54, Area G
Uncontaminated solids (miscellaneous items)	Commercial solid waste	2360 lb	Los Alamos County Landfill

Initially, the waste characterization strategy for the concrete septic tank was to pressure wash it in accordance with the RCRA alternate debris treatment standards (40 CFR 268.45) and sample it for residual radioactive constituents. After the sludge was removed from the tank, the internal tank walls were cleaned several times with a pressure washer. The wash water was absorbed onto vermiculite for ease of handling. Even after several cleaning cycles, significant staining remained evident on the tank walls. The tank was inspected and it was determined the "clean debris surface" criteria were not met because of residual staining on the concrete walls. The concrete walls were subsequently sampled and found to contain slightly elevated tritium levels as well as trace amounts of VOCs.

As an alternative approach, the tank was proposed for disposal as hazardous waste containing residual radioactive material under the DOE's Authorized Limits Process (DOE 1997, 74061). This approach provides for DOE sites to release waste materials to unlicensed off-site disposal facilities after performing an as-low-as-reasonably-achievable (ALARA) analysis that demonstrates minimal impacts to the workers, transporters, public and environment. A formal proposal was submitted to the DOE Albuquerque Operations Office on June 28, 2001. The proposal was subsequently reviewed and approved by the DOE, Texas Department of Health, and Waste Control Specialists (WCSs). Following regulatory approvals, the tank was excavated and placed in two rolloff containers. These containers were shipped to the WCS facility in Andrews, Texas on September 5, 2001.

4.0 REFERENCES

The following list includes all references cited in this appendix. Parenthetical information following each reference provides the author, publication date, and the ER ID number. This information also is included in the citations in the text. ER ID numbers are assigned by the Laboratory's RRES-R Program to track records associated with the Project. These numbers can be used to locate copies of the actual documents at the RRES-R Records Processing Facility and, where applicable, with the RRES-R Program 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 Area Office; United States Environmental Protection Agency, Region 6; and the RRES-R Program. 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, Metric Conversion Tables, and Data Qualifiers Definitions

APPENDIX A ACRONYMS, GLOSSARY, METRIC CONVERSION TABLES, AND DATA QUALIFIERS DEFINITIONS

A-1.0 ACRONYMS

ALARA	as low as reasonably achievable
AOC	area of concern
AUF	area use factor
bgs	below ground surface
BMP	best management practice
BV	background value
BV/FV	background/fallout value
COPC	chemical of potential concern
COPEC	chemical of potential ecological concern
cpm	counts per minute
CRDL	contract-required detection limit
CVAA	cold vapor atomic absorption spectroscopy
DL	detection limit
DOE	US Department of Energy
DP	Delta Prime
dpm	disintegrations per minute
EDL	estimated detection limit
EPA	US Environmental Protection Agency
EQL	estimated quantitation limit
ER	environmental restoration
ESCM	ecological site conceptual model
ESL	ecological screening level
FIDLER	field instrument for the detection of low-energy radiation
FIMAD	Facility for Information Management, Analysis, and Display
FV	fallout value

GFAA	graphite furnace atomic absorption spectroscopy
HI	hazard index
HQ	hazard quotient
HSWA	Hazardous and Solid Waste Amendments of 1984
HWB	Hazardous Waste Bureau (NMED)
IA	interim action
ICPES	inductively coupled plasma emission spectroscopy
ICPMS	inductively coupled plasma mass spectroscopy
ICS	interference check sample
ID	inner diameter
IDW	investigation derived waste
IWP	Installation Work Plan
Laboratory	Los Alamos National Laboratory
LAL	lower allowable limit
LANL	Los Alamos National Laboratory
LCS	laboratory control sample
MDA	material disposal area
MDL	method detection limit
MLLW	mixed low-level waste
mmHg	millimeter mercury
NFA	no further action
NMED	New Mexico Environment Department (New Mexico Environmental Improvement Division before 1991)
NOAEL	no observed adverse effect level
PAH	polynuclear aromatic hydrocarbon
PCB	polychlorinated biphenyl
PPE	personal protective equipment
ppm	parts per million
PQL	practical quantitation limit

PRS	potential release site (refers to SWMUs and AOCs)
QA	quality assessment
QC	quality control
RCRA	Resource Conservation and Recovery Act
RfD	reference dose
RFI	RCRA Facility Investigation
ROC	record of communication
RPD	relative percent difference
RRES-R	Risk Reduction and Environmental Stewardship–Remediation Program
RSI	request for supplemental information
SAL	screening action level
SAP	sampling and analysis plan
SF	slope factor
SWMU	solid waste management unit
SOP	standard operating procedure
SOW	statement of work
SVOC	semivolatile organic compound
T&E	threatened and endangered
TA	technical area
TAL	target analyte list
TPU	total propagated uncertainty
TSTA	tritium systems test assembly
UAL	upper acceptance limit
UCL_{95}	upper 95% confidence level
UST	underground storage tank
UTL	upper tolerance level
VCA	voluntary corrective action
VCP	vitrified clay pipe

VL	very low
VOC	volatile organic compound
WCS	waste control specialist

A-2.0 GLOSSARY

Administrative authority (AA). The Director of the New Mexico Environment Department, or his/her designee, or the U.S. Environmental Protection Agency.

Alluvium. Clay, silt, sand, and gravel transported by water and deposited on streambeds, flood plains, and alluvial fans.

Area of concern (AOC). An area at the Laboratory known or suspected to be contaminated with radionuclides but not contaminated by hazardous chemicals or hazardous waste.

Background value (BV). The upper tolerance limits (UTLs) of background sample results, calculated as the upper 95% confidence limit for the 95th percentile. When a UTL cannot be calculated, either the detection limit or the maximum reported value is used as a BV; BVs are used as simple threshold numbers to identify potentially contaminated site sample results that are greater than background levels in that geological sample medium (or group of media). All inorganic chemicals and radionuclides have BVs.

Baseline risk assessment (also known as risk assessment). A site-specific analysis of the potential adverse effects of hazardous substances that are released from a site in the absence of any control or mitigation actions. A baseline risk assessment consists of four steps: data collection and analysis, exposure assessment, toxicity assessment, and risk characterization.

Calibration. Process used to identify the relationship between the true (reference) analyte concentration or other variable and the response of a measurement instrument, chemical analysis method, or other measurement system.

Chemical of potential concern (COPC). Chemical, detected at a site, that has the potential to adversely affect human and/or ecological 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 risk assessment.

Cold vapor atomic absorption (CVAA). An analytical technique used for measuring mercury; it is described in EPA Methods 7470A (Mercury in Liquid Waste) and 7471A (Mercury in Solid or Semisolid Waste). The technique is based on the absorption of radiation at 253.7-nm by mercury vapor. The mercury is reduced to the elemental state and aerated from solution in a closed system. The mercury vapor passes through a cell positioned in the light path of an atomic absorption spectrophotometer. Absorbance (peak height) is measured as a function of mercury concentration.

Data validation. Systematic process that applies a defined set of performance-based criteria to a body of data; may result in qualification of the data. The data validation process is performed independently of the analytical laboratory that generates the data set and occurs before conclusions are drawn from the data. The process may comprise a standardized data review (routine data validation) and/or a problem-specific data review (focused data validation).

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

Detection limit. Minimum concentration that can be determined by a single measurement by an instrument; implies a specified statistical confidence that the analytical concentration is greater than zero.

Dose. Quantity of radiation that is absorbed, per unit of mass, by the body or by any portion of the body.

Ecological screening level (ESL). An organism's exposure-response threshold for a given chemical constituent. The concentration of a substance in a particular medium corresponds to a hazard quotient (HQ) of 1.0 for a given organism below which no risk is indicated.

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.

Ephemeral. Said of a stream or spring that flows only during and immediately after periods of rainfall or snowmelt.

Estimated detection limit (EDL). The detection limit required by the Laboratory statement of work (SOW) for analytical services (RFP No. 9-XS1-Q4257). The Laboratory value reflect the contract-required detection limits (CRDLs) of the Contract Laboratory Program (CLP) methods.

Estimated quantitation limit. The lowest concentration that can be reliably achieved within specified limits of precision and accuracy during routine analytical-laboratory operating conditions. Sample estimated quantitation limits are highly matrix-dependent, and the specified estimated quantitation limits might not always be achievable.

Evapotranspiration. The combined discharge of water from the earth's surface to the atmosphere by evaporation from lakes, streams, and soil surfaces, and by transpiration from plants.

Exposure pathway. Mode by which a receptor may be exposed to contaminants in environmental media (e.g., drinking water, ingesting food, or inhaling dust).

External standard. External standard calibration involves comparison of instrument responses from the sample to the responses from the target compounds in the calibration standards. Sample peak areas (or peak heights) are compared to peak areas (or heights) of the standards.

Fallout radionuclides. Radionuclides that are present at globally elevated levels in the environment as a result of the fallout from atomic weapons tests. The Laboratory background data sets consist of Environmental Surveillance samples taken from marginal and regional locations for the following radionuclides associated with fallout: tritium, cesium-137, americium-241, plutonium-238, plutonium-239/240, and strontium-90. Samples were collected from regional and marginal locations in the vicinity of the Laboratory that are (1) representative of geological media found within Laboratory boundaries and (2) were not impacted by Laboratory operations.

Fault. A fracture, or zone of fractures, in rock along which there has been vertical or horizontal movement; adjacent rock surfaces are displaced.

Field blank (also known as field reagent blank). A blank sample either prepared in the field or carried to the sampling site, exposed to sampling conditions (e.g., bottle caps removed, preservatives added), and returned to a laboratory for analysis in the same manner in which environmental samples are analyzed. Used to identify the presence of contamination potentially added during the sampling and analysis process.

Field duplicate. A second sample collected as near as possible to the original sample.

Gamma radiation. A form of electromagnetic, high-energy radiation emitted from a nucleus. Gamma rays are essentially the same as x-rays and require heavy shielding, such as concrete or steel, to be blocked.

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

Hazard quotient (HQ). The ratio of a calculated exposure (E) to or dose (D) from a given contaminant (I) to a given receptor (j) over a reference value (TRV) for contaminant (I) determined to be protective of receptor (j), i.e., $HQ_{ij} = E_{ij}$ [or D_{ij}]TRV_{ij}.

Hazardous and Solid Waste Amendments (HSWA). The Hazardous and Solid Waste Amendments of 1984 (Public Law No. 98-616, 98 Stat. 3221), which amended the Resource Conservation and Recovery Act of 1976, 42 U.S.C. § 6901 et seq.

Holding time. The maximum elapse of time that one can expect to store a sample without unacceptable changes in analyte concentrations. Holding times apply under prescribed conditions and deviations from these conditions may affect the holding time. Extraction holding time refers to the time lapse from sample collection to sample preparation; Analytical holding time refers to the time lapse between sample preparation and analysis.

HSWA module. A portion of the Laboratory's permit to operate under RCRA that contains requirements specific to Los Alamos National Laboratory. It is this portion of the permit that contains the list of solid waste management units that must be cleaned up in accordance with RCRA procedures.

Hydraulic conductivity. The rate at which water moves through a medium in a unit of time under a unit hydraulic gradient through a unit area measured perpendicular to the direction of flow.

Hydrogeology. The science that applies geologic methods to the understanding of hydrologic phenomena.

Inductively coupled plasma emission spectroscopy (ICPES). ICPES determines trace elements, including metals, in solutions. The instrument measures characteristic emission spectra by optical spectrometry. Samples are nebulized, and the resulting aerosol is transported to the plasma torch. Element-specific emission spectra are produced by a radio-frequency inductively coupled plasma. The spectra are dispersed by a grating spectrometer, and photosensitive devices are used to monitor the intensities of the emission lines.

Inductively coupled plasma mass spectroscopy (ICPMS). ICPMS is applicable to the determination of sub-mg/l concentrations of a large number of elements in water samples and in waste extracts or digests. When dissolved constituents are required, samples must be filtered and acid preserved before analysis. No digestion is required before analysis for dissolved elements in water samples. The method measures ions produced by a radio-frequency inductively coupled plasma. Analyte species originating in a liquid are nebulized, and the resulting aerosol transported by argon gas into the plasma torch. The ions produced are entrained in the plasma gas and introduced, by means of an interface, into a mass spectrometer. The ions produced in the plasma are sorted according to their mass-to-change ratios and quantified with a channel electron multiplier.

Internal standards. Compounds added to the sample after sample preparation for qualitative and quantitative instrument analysis—the compounds serve as a standard of retention time and response, which is invariant from run to run with the instruments. (Handbook of Environmental Analysis, by Roy-Keith Smith, 3rd ed.)

Laboratory control sample (LCS). A known matrix that has been spiked with compound(s) representative of the target analytes. The LCS is used to document laboratory performance. The acceptance criteria for LCSs are method specific.

Laboratory qualifier (or laboratory flag). Codes applied to the data by the contract analytical laboratory to indicate, on a gross scale, a verifiable or potential data deficiency. These flags are applied using the Environmental protection Agency (EPA) contract laboratory program (CLP) guidelines.

Matrix spike. An aliquot of sample spiked with a known concentration of target analyte(s). Matrix spike samples are used to measure the ability to recover prescribed analytes from a native sample matrix. The spiking typically occurs before sample preparation and analysis.

Matrix spike duplicate. An intralaboratory duplicate sample spiked with a known amount of target analyte(s). Spiking occurs before sample preparation and analysis.

Method blank. An analyte-free matrix to which all reagents are added in the same volumes or proportions as those used in the environmental sample processing and which is prepared and analyzed in the same manner as the corresponding environmental samples. The method blank is used to assess the potential for contamination to the sample during preparation and analysis.

Method detection limit (MDL). The minimum concentration of a substance that can be measured and reported with a known statistical confidence that the analyte concentration is greater than zero. The MDL is determined from analysis of samples of a given matrix type that contain the analyte after subjecting the sample to the usual preparation and analyses. The MDL is used to establish detection status.

Minimum detectable activity. For the *analysis* of *radionuclides*, the minimum detectable activity is the lowest detectable radioactivity for a given analytical technique. The following equation shall be used to calculate the MDA unless otherwise noted or approved by the Laboratory:

$$MDA = \frac{4.65(BKG)^{0.5} + 2.71}{2.22 \times EFF \times V \times T_S \times Y}$$

where BKG = the total background counts,
EFF = the fraction detector efficiency,
V = the volume or unit weight,
T_s = the *sample* count duration, and
Y = the fractional *chemical* recovery obtained from the *tracer* recovery.

Depending on the type of *analysis*, other terms may also be required in the denominator (e.g., gamma abundance).

Model. A mathematical approximation of a physical, biological, or social system.

No further action (NFA). A recommendation that not further investigation or remediation is warranted based on specific criteria.

Nondetect. Sample result that is less than the MDL. The laboratory reports nondetects as undetected at the EQL.

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."

Perched groundwater. Groundwater that lies above the regional water table and is separated from it by an unsaturated zone.

Polychlorinated biphenyls (PCBs). Any chemical substance that is limited to the biphenyl molecule that has been chlorinated to varying degrees or any combination of substances which contains such substances. PCBs are colorless, odorless compounds that are chemically, electrically, and thermally stable and have proven to be toxic to both humans and animals.

Potential release site (PRS). A site suspected of releasing or having the potential to release contaminants into the environment. PRS is a generic term that includes solid waste management units, hazardous waste sites listed in Module 7 of the Laboratory's Hazardous Waste Facility Permit, and sites that have been identified as potentially contaminated by radioactivity.

Quality assurance. All those planned and systematic actions necessary to provide adequate confidence that a facility, structure, system, or component will perform satisfactorily in service.

Quality control (QC). (1) All those actions necessary to control and verify the features and characteristics of a material, process, product, or service to specified requirements. QC is the process through which actual quality performance is measured and compared with standards. (2) All methods and procedures used to obtain accurate and reliable results from environmental sampling and analysis. Includes rules for when, where, and how samples are taken; sample storage, preservation and transport; and the use of blanks, duplicates, and split samples during the analysis.

Radionuclide. A nuclide (species of atom) that exhibits radioactivity.

RCRA facility investigation (RFI). The 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.

Receptor. A person, plant, animal, or geographical location that is exposed to a chemical or physical agent released to the environment by human activities.

Recharge. The process by which water is added to the zone of saturation, either directly from the overlying unsaturated zone or indirectly by way of another material in the saturated zone.

Regional aquifer. Geologic material(s) or unit(s) of regional extent whose saturated portion yields significant quantities of water to wells, contains the regional zone of saturation, and is characterized by the regional water table or potentiometric surface.

Release. Any spilling, leaking, pumping, pouring, emitting, emptying, discharging, injecting, escaping, leaching, dumping, or disposing of hazardous waste or hazardous constituents into the environment (including the abandonment or discarding of barrels, containers, and other closed receptacles that contain any hazardous wastes or hazardous constituents).

Reporting limit. The numerical value that an analytical laboratory (in conjunction with its client) selects to determine if a target analyte is detected. Results below the RL are considered not detected, while results greater than the RL are considered detected. The RLs are not necessarily based on instrument sensitivity. RLs can be established at the instrument detection limit, method detection limit, estimated quantitation limit, and contract-required detection limit.

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

Runoff. The portion of the 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.

Sample. A portion of a material (e.g., rock, soil, water, air), which, alone or in combination with other samples, is expected to be representative of the material or area from which it is taken. Samples are typically sent to a laboratory for analysis or inspection or are analyzed in the field. When referring to samples of environmental media, the term field sample may be used.

Sample matrix. In chemical analysis, that portion of a sample which is exclusive of the analytes of interest. Together, the matrix and analytes of interest form the sample.

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. A 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.

Sediment. (1) A mass of fragmented inorganic solid that comes from the weathering of rock and is carried or dropped by air, water, gravity, or ice; or a mass that is accumulated by any other natural agent and that forms in layers on the earth's surface such as sand, gravel, silt, mud, fill, or loess. (2) A solid material that is not in solution and either is distributed through the liquid or has settled out of the liquid.

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. (U.S. Environmental Protection Agency, May 1994. "RCRA Corrective Action Plan, Final," Publication EPA-520/R-94/004, Office of Solid Waste and Emergency Response, Washington, DC)

Site conceptual model. A 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).

Spring. The site where groundwater discharges to the ground surface.

Standard operating procedure (SOP). A 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.

Stratigraphy. The science dealing with the succession, age, composition, and history of strata.

Surrogate compound or surrogate. An organic compound used in the analyses of organic target analytes that is similar in composition and behavior to target analytes but is not normally found in field samples. Surrogates are added to every blank and spike sample to evaluate the efficiency with which analytes are recovered during extraction and analysis.

Target analyte. An 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). The Laboratory established technical areas as administrative units for all its operations. There are currently 49 active TAs spread over 43 square miles.

Tentatively identified compound (TIC). Chemical compound detected in a sample that is not a target analyte, IS, or surrogate compound. Up to 30 chromatographic peaks may be subject to mass spectral matching for identification as TICs.

Topography. The physical configuration of the land surface in an area.

Total propagated uncertainty (TPU). The range of concentrations (expressed as plus or minus the measured concentration) that include the theoretical or true concentration of an analyte with a specific degree of confidence. Radiochemical results are required to be accompanied by sample-specific uncertainty bounds (TPU) that reflect the 67% confidence level (1-sigma TPU). The TPU includes not only the measurement or counting error but also the technique-specific error term that includes uncertainty values for each contributing measurement process and a sample-specific contribution reflecting specific chemical recoveries, detectors used, etc. All radiochemical result uncertainties incorporate terms for technique-related and sample-specific measurement errors.

Tracer. A substance, usually a radioactive isotope, added to a sample to determine the efficiency (chemical or physical losses) of the chemical extraction, reaction, or analysis. The tracer is assumed to behave in the same manner as that of the target radionuclides. Recovery guidelines for tracer results are 30% to 110% under the current contract laboratory statement of work and will be 40% to 105% under the new statement of work. Correction of the analytical results for the tracer recovery is performed for each sample. The concentration of the tracer added needs to be sufficient to result in a maximum of 10% uncertainty at the 95% confidence level in the measured recovery.

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

Underground storage tank [as defined in Section 9001(1) of the Solid Waste Disposal Act]. The term "underground storage tank" means any one or combination of tanks (including underground pipes connected thereto) which is used to contain an accumulation of regulated substances, and the volume of which (including the volume of the underground pipes connected thereto) is 10% or more beneath the surface of the ground. Such term does not include any

(a) farm or residential tank of 1,100 gallons or less capacity used for storing motor fuel for noncommercial purposes;

(b) tank used for string heating oil for consumptive use on the premises where stored;

(c) septic tank;

(d) pipeline facility (including gathering lines) regulated under

(i) the Natural Gas Pipeline Safety Act of 1968 (49 USC App. 1671 et seq.),

(ii) the Hazardous Liquid Pipeline Safety Act of 1979 (49 USC App. 2001 et seq.), or

(iii) which is an intrastate pipeline facility regulated under state laws comparable to the provisions of law referred to in Clause (i) or (ii) of this subparagraph;

(e) surface impoundment, pit, pond, or lagoon;

(f) storm-water or wastewater collection system;

(g) flow-through process tank;

(h) liquid trap or associated gathering lines directly related to oil or gas production and gathering operations; or

(i) storage tank situated in an underground area (such as a basement, cellar, mine working, drift, shaft, or tunnel) if the storage tank is situated upon or above the surface of the floor.

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.

Vadose zone. The unsaturated zone. Portion of the subsurface above the regional water table in which pores are not fully saturated.

Welded tuff. A volcanic deposit hardened by the action of heat, pressures from overlying material, and hot gases.

A-3.0 METRIC CONVERSION TABLES

Metric to English 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)

Metric Prefixes

Term	Power of 10	Symbol
mega-	10^6	M
kilo-	10^3	k
deci-	10^{-1}	d
centi-	10^{-2}	c
milli-	10^{-3}	m
micro-	10^{-6}	μ
nano-	10^{-9}	n
pico-	10^{-12}	p

A-4.0 DATA QUALIFIERS DEFINITIONS

Explanation of Data Qualifiers Used in the Data Validation Procedure

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 should be regarded as estimated.
J+	The reported value should be regarded as estimated and biased high.
J-	The reported value should be regarded as 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.
UJ+	The analyte was analyzed for but not detected. Reported value is an estimate of the sample-specific quantitation limit or reporting limit with a high bias.
UJ-	The analyte was analyzed for but not detected. Reported value is an estimate of the sample-specific quantitation limit or reporting limit with a low bias.
R	The sample results were rejected because of serious deficiencies in the ability to analyze the sample and meet QC criteria; presence or absence cannot be verified.

Appendix B

Technical Area 21
Operational and Environmental Setting

B-1.0 OPERATIONAL HISTORY AND LAND USE

Technical Area (TA) 21 is located on DP Mesa on the northern boundary of Los Alamos National Laboratory (the Laboratory) and is immediately east-southeast of the Los Alamos townsite (Figure 1.2-1, Section 1). It extends from the mesa top to the stream channels in the adjacent canyons, with DP Canyon to the north and Los Alamos Canyon to the south.

During World War II, 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 TA-21.

Solid Waste Management Unit (SMWU) 21-024(i) is a former septic system (tank structure 21-181 and associated inlet and outlet lines) that served building 21-152 and the floor drains in the ancillary equipment buildings 21-166 and -167, at the facility known as DP East. All of the buildings and the septic tank were constructed in 1945. As constructed, building 21-152 had no floor drains. The restrooms in this building were connected by a sanitary sewer line that ran directly to septic tank 21-181. The laboratory sinks in building 21-152 were connected to a separate system that connected to a sewer main in the utility tunnel beneath the floor slab. This sewer main emptied into what is now known as Material Disposal Area (MDA) U. When new construction started on building 21-209, also at DP East, the line to septic tank TA-21-181 was cut to make way for the basement excavation. A new septic tank, structure 21-219, had to be put in place prior to abandonment of structure 21-181 to accept waste from DP East. This construction occurred in 1964. Septic tank 21-181 and its contents were left in place from 1964 until 2001 when the contents, the tank, the outlet line, and part of the inlet line were removed.

TA-21 is currently under Department of Energy (DOE) control. The land has historically been used for industrial applications. Although portions of TA-21 are slated for transfer from DOE to other entities (e.g., Los Alamos County), the area around SWMU 21-024(i) will remain under DOE control indefinitely. Future use of the land will remain industrial. Future and current land-use maps can be found in the 1995 update to the Laboratory site development plan (LANL 1995, 57224).

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 between 6.8 in. and 30.3 in. An average of 40% of the annual precipitation falls during thunderstorms in July and August, often in brief, high-intensity rains. Significant amounts of surface water often run off 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 between 30°F and 50°F during the day and 15°F and 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 drainage wind or moderate southwesterly wind at night. Along the western edge, the predominant winds are southerly to northwesterly during the day and southwesterly and northeasterly at night toward the Rio Grande Valley. TA-21 is located approximately midway between the western and eastern edges of the Pajarito Plateau. No tornadoes have been reported to have touched down 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. The geology of the area and the specific geology of TA-21 are summarized in this section. 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 operable unit 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.

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 a light pink-to-buff siltstone and silty sandstone with a few lenses of pebbly conglomerate and clay. It is poorly to moderately consolidated and has an age range of about 7 to 21 million years (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.

Chamita Formation. The Chamita Formation overlies and interfingers with the Tesuque Formation. It consists of arkosic siltstones, sandstones, 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, and it does not outcrop in the area of TA-21. Regional cross sections suggest that it does not exist beneath TA-21. The estimated age ranges between 4.5 and 12 million years (MacFadden 1977, 21569; Manley 1979, 11714).

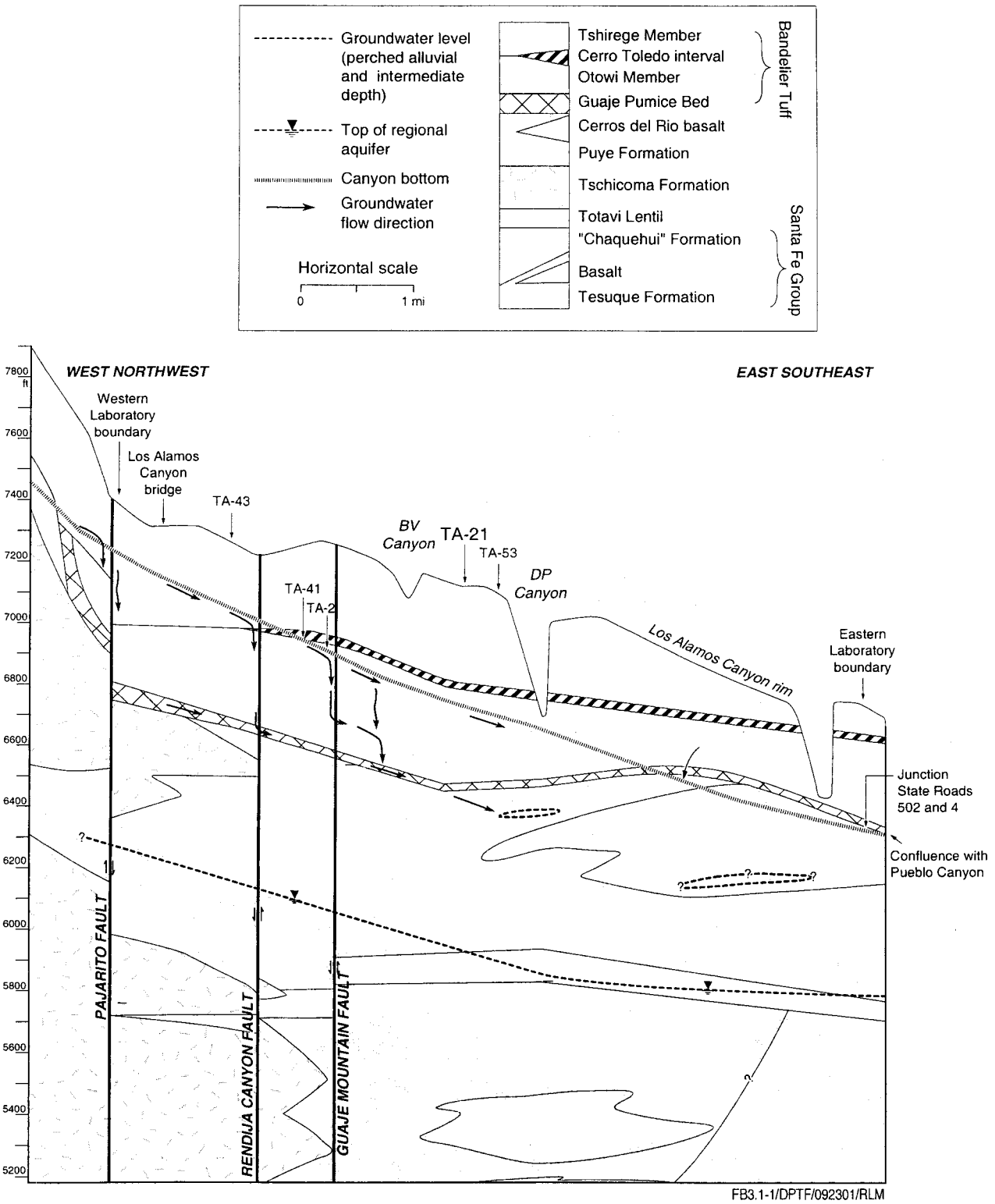

Figure B-3.1-1. Generalized stratigraphy beneath TA-21

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 miles wide and extends 7 to 8 miles 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 The 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 The 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 between 1.61 and 1.22 million years 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).

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 (Bailey et al. 1969, 21498; Self et al. 1986, 21579) contains well-sorted pumice fragments whose mean size varies between 0.8 and 1.6 in. 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.

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 wherever 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 between several feet and more than 100 ft.

The predominant rock types in the Cerro Toledo interval are rhyolitic tuffaceous sediments and tephra at TA-21 (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 of the 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 that 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).

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 million years ago (Izett and Obradovich 1994, 48817; Spell et al. 1996, 55542). The Tshierge 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 due to 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 over 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.

There is a certain amount of confusion because of the inconsistent use of subunit names for the Tshirege Member (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 (RRES-R) Program, formerly the Environmental Restoration (ER) Project.

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

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

Qbt1g 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 (4–10 in.) pumice-poor surge deposit commonly occurs at the base of this unit.

Qbt1v 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 Qbt1v is orange brown, 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 Qbt1v are commonly nonwelded (pumices and shards retain their initial equant shapes) and have an open, porous structure.

Qbt2 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 is typically 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.

Qbt3 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 Qbt2. 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 Qbt3.

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 is therefore also important when considering transport in fractures.

B-3.3 Seismology and Fractures

There are three major faults that 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 northward 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 near TA-41 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 TA-2, 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.

Geologic evidence reveals that the Pajarito fault has ruptured within the past 1.2 million years, 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, local seismicity has been monitored by the Los Alamos Seismograph Network. 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 a report by Wong et al. (1995, 70097), Chapters 8 through 11.

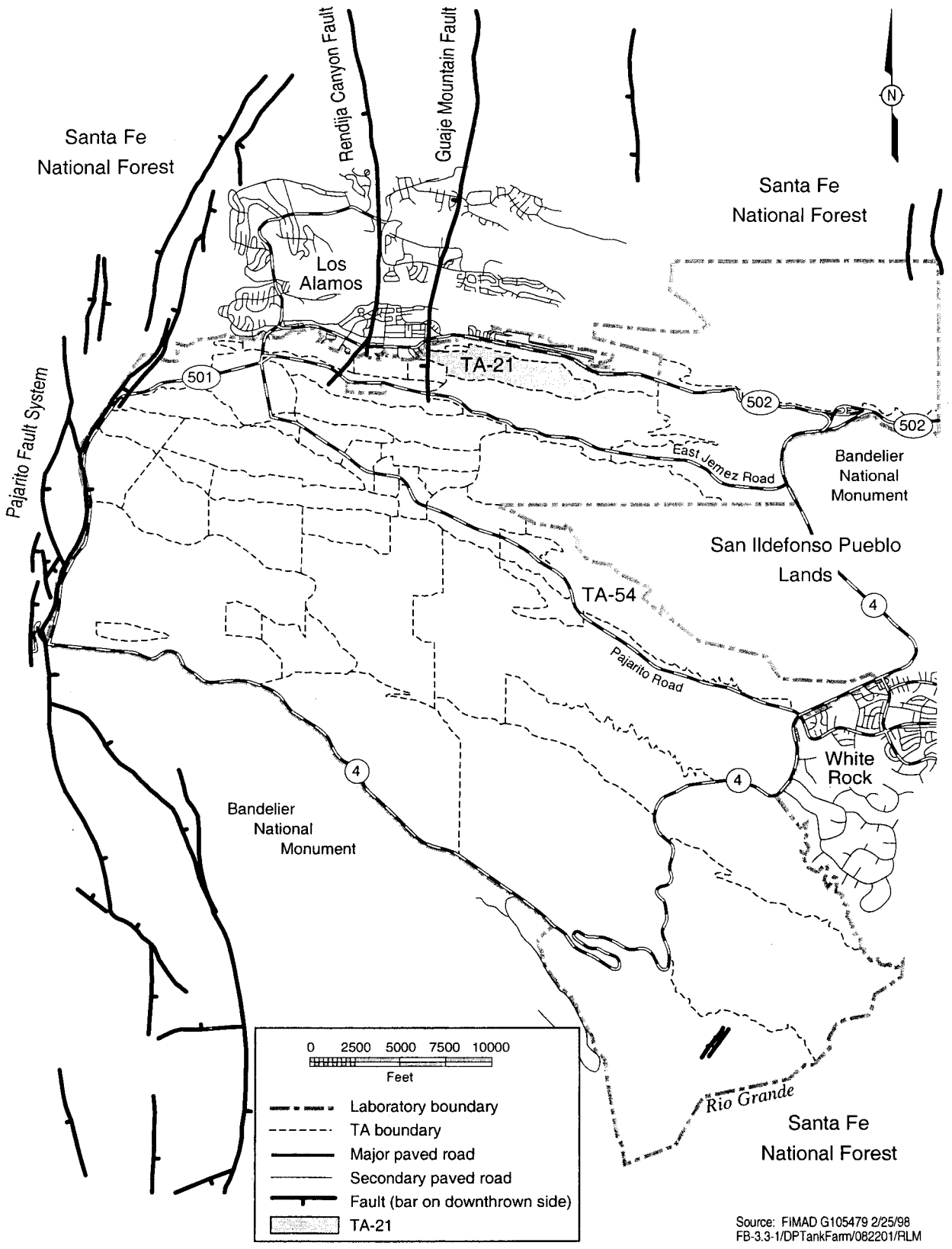

Figure B-3.3-1. Locations of major faults in Laboratory complex relative to TA-21

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).

B-3.3.1 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 (Qbt2) 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-ft and 100-ft intervals, cumulative fracture width (sum of all fracture apertures within a given interval) for 10-ft 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 to the 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 between nearly horizontal and 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 between 0 cm and 15 cm. The northeast and northwest sets of fractures have mean apertures of 0.82 cm and 0.93 cm, respectively. These mean apertures increase to 1.1 cm 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 (Qbt3).

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 United States Forest Service lands within Los Alamos County.

Soils 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 geological 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 also to those on some of the mesa tops.

The soils on the slopes between the mesa tops and canyon floors have been mapped as mostly 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 in. (50 cm) to 40.2 in (102 cm) 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, there are typically between one and several feet of soil and/or fill overlying Qbt3.

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 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 between 100 ft and 400 ft (30 m and 122 m). The regional aquifer is found at depths of about 600 ft to 1200 ft (180 m to 360 m).

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.

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.

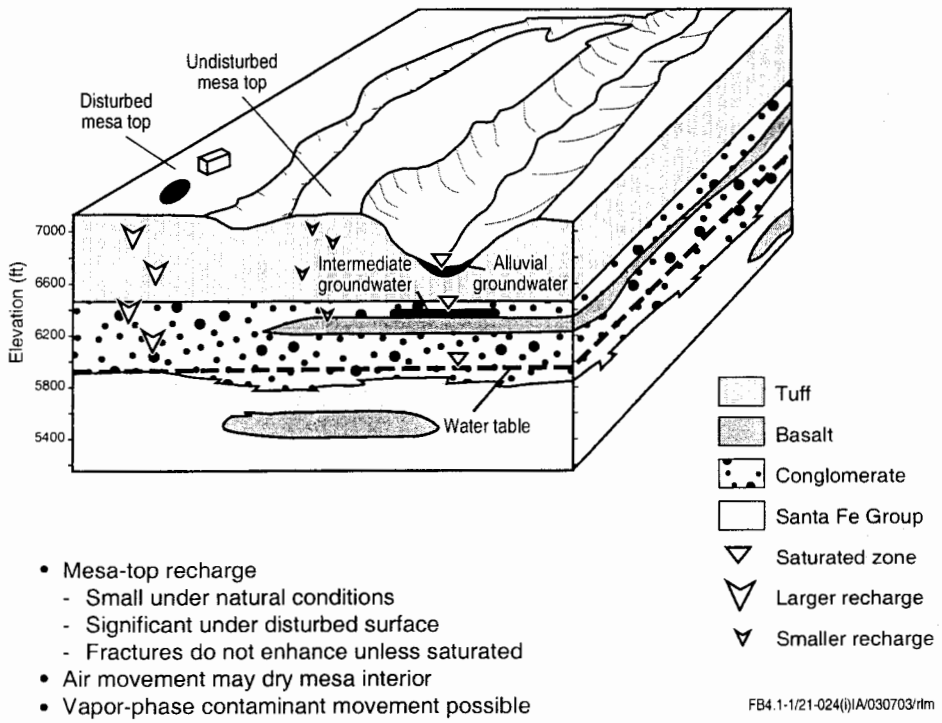

Figure B-4.1-1. Hydrogeologic conceptual model for Laboratory mesa tops

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 (ephemeral, intermittent, and perennial reaches) 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 gpm to 135 gpm (Abeele et al. 1981, 6273). The volume of flow from the springs maintains natural perennial reaches of varying lengths in each of the canyons.

Perennial flow has historically 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 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 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) (Figure B-4.2-2). Surface water in Los Alamos Canyon rarely flows across the length of the Laboratory. Most often 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 except for a dry period during 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.

B-4.2.1 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 other areas of concern (AOCs). The Laboratory has adopted the term "potential release site" or "PRS" to refer to SWMUs and AOCs collectively. SOP 2.01 provides a basis for prioritizing and scheduling actions to control erosion of potentially contaminated soils at specific PRSs. The procedure is a two-part evaluation. Part A is a compilation of existing analytical data, site maps, and knowledge-of-process information. Part B is an assessment of the erosion/sediment transport potential at the site. Erosion potential is numerically rated from 1 to 100 using a matrix system. Sites that score below 40 to 60 have a low erosion potential. Part A of this assessment is initiated and completed by the Laboratory's Environmental Characterization and Remediation Group (RRES-ECR); Part B is completed by the Laboratory's Water Quality and Hydrology Group (RRES-WQH). 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 assessment for SWMU 21-024(i) is attached at the end of this appendix. The score for this SWMU is 34.5.

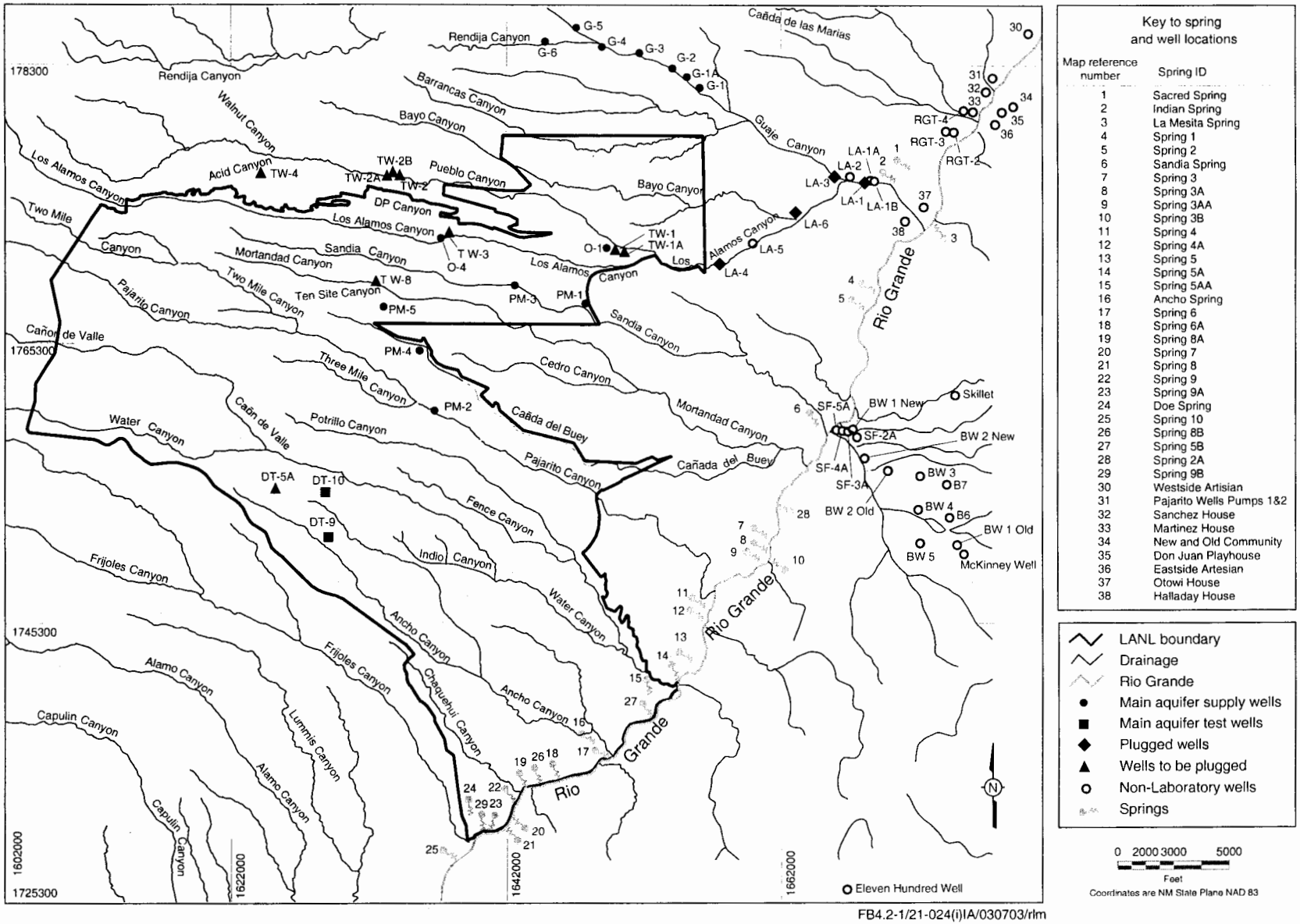

Figure B-4.2-1. Surface water drainage to Rio Grande and well locations

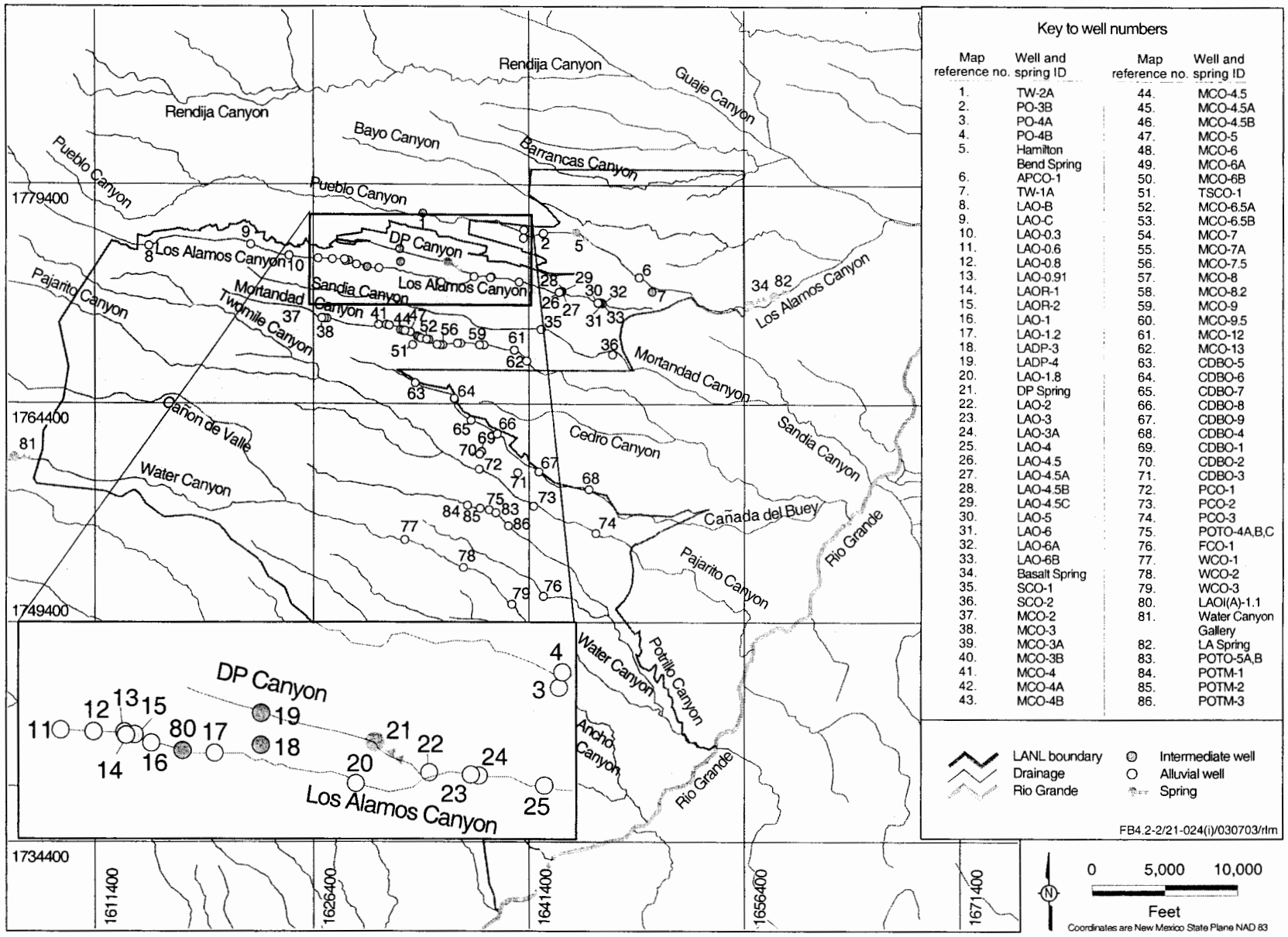

Figure B-4.2-2. Locations of wells and springs near TA-21

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.

The Laboratory has formulated a comprehensive groundwater protection plan (LANL 1995, 50124) for an enhanced set of characterization and monitoring activities. The hydrogeologic work plan (LANL 1998, 59599) 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.

B-4.3.1 Alluvial Waters

Intermittent and ephemeral streamflows in the canyons of the Pajarito Plateau have deposited alluvium that can be as much as 100 ft thick. The alluvium in canyons that head on the Jemez Mountains is generally 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 between 10^{-2} cm/s for a sand and 10^{-4} cm/s for a 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 in an easterly, down canyon direction.

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 eastward from the Los Alamos Reservoir to the vicinity of observation well LAO-4.5 west of State Road 4 (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. Possibly the same zone was also 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 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.

B-4.3.3 Regional Aquifer

The regional aquifer of the Los Alamos area is the only aquifer capable of 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 between about 1200 ft along the western margin of the plateau and 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 ft 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 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 laid out 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 (Hollis et al. 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.

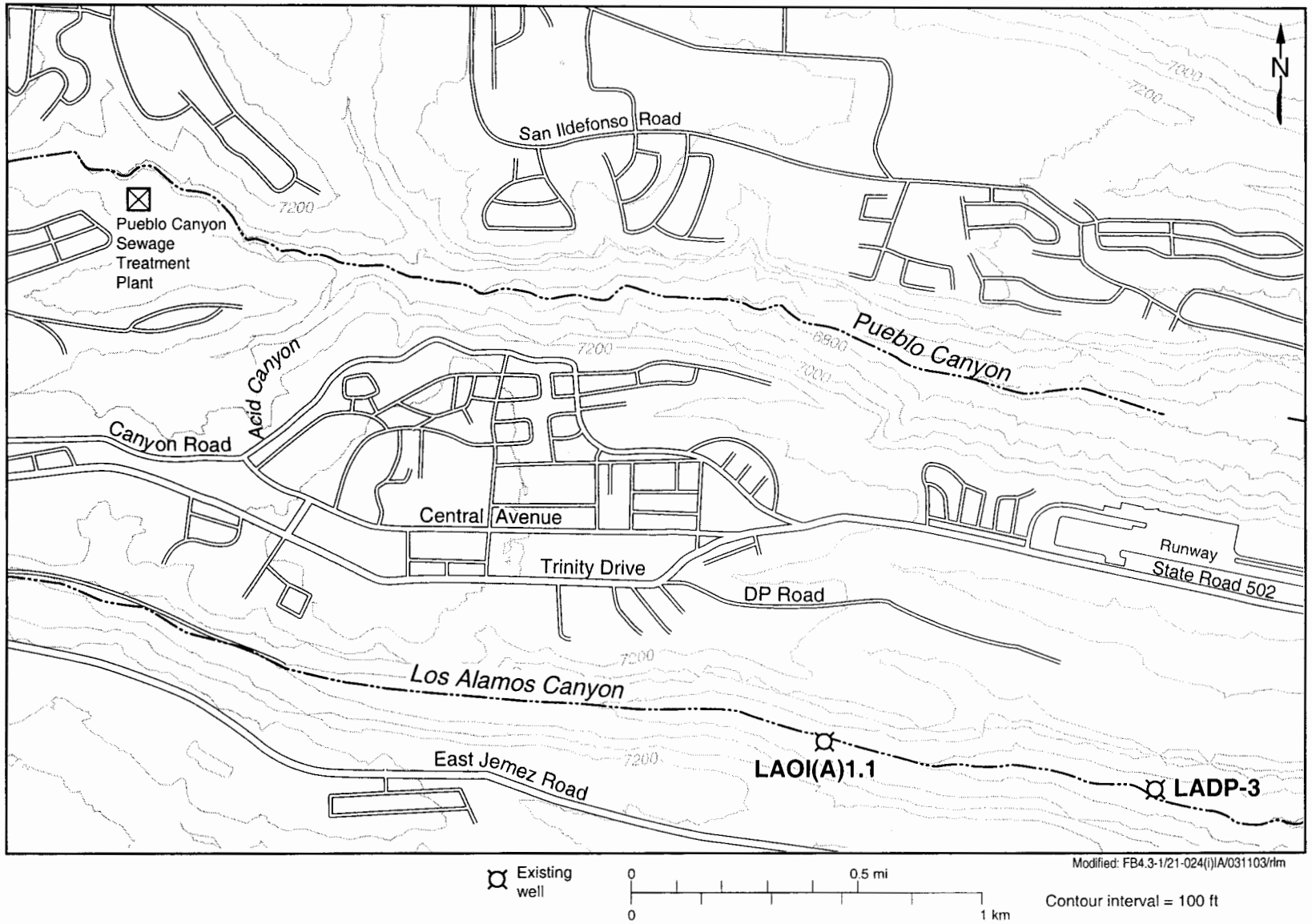

Figure B-4.3-1. Locations of wells LAOI(A)1.1 and LADP-3, where perched water has been encountered

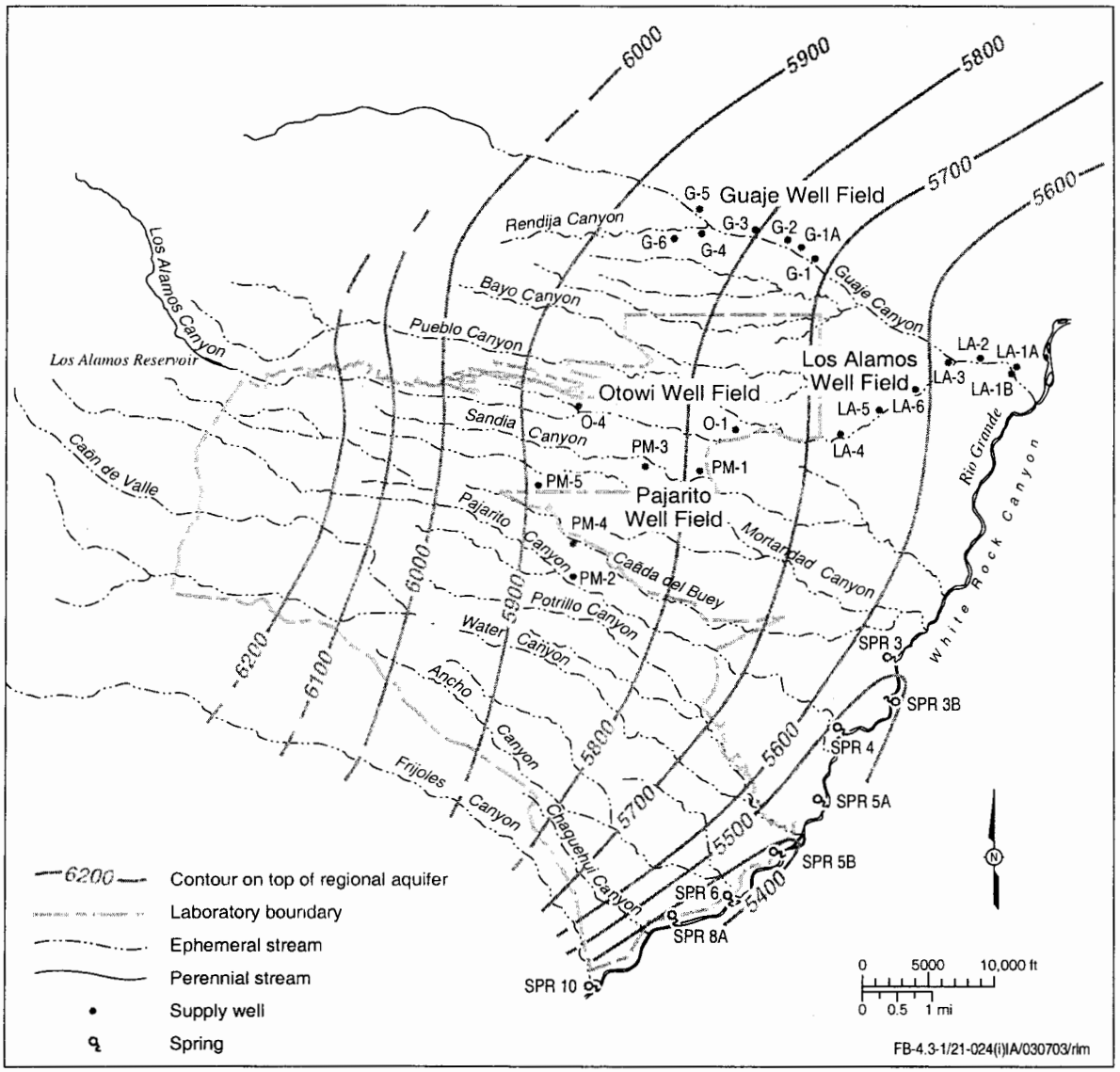

Figure B-4.3-2. Locations of wells and generalized water-level contours on top of the regional aquifer (modified from Purtymun 1984, 6513)

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.

The various units of the Bandelier Tuff tend to have relatively high porosities. Porosity ranges between 30% and 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 between 0.1 and 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 between 18% and 38% by volume, indicating a considerable field capacity for holding moisture (Purtyman 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 (Purtyman 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 only been done 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 due partly to the dramatic 5000-ft elevation gradient from the Rio Grande to the Jemez Mountains (a distance of 12 mi) and partly to 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 between 6680 and 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 natural overstory of the mesa was a ponderosa pine community; no overstory now exists at the site. The understory currently present 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. It is similar to the understory that existed before the site became industrialized.

The overstory of Los Alamos Canyon is described as a ponderosa pine forest with a variety of shrubs. The understory for Los Alamos Canyon is characterized by numerous grasses such as mountain muhly, brome grass, bluegrass and blue grama, and a variety of composites and other forbs.

The overstory of DP Canyon 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 Preservation Act of 1966 (amended), a cultural resource survey was 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 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 the Laboratory's ER Project to track records associated with the Project. These numbers can be used to locate copies of the actual documents at the ER Project's Records Processing Facility and, where applicable, with the ER 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 Area Office; United States EPA, Region VI; and the ER Project Material Disposal Areas Focus Area. 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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Los Alamos National Laboratory

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

Surface Water Assessment
Erosion Matrix for PRS 21-024(i)

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			
Within bench of canyon	4				4.0
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%	13.0
Surface Water Factors-Run-off (46)					
Visible evidence of runoff discharging? (Yes/No)	5	If no, score of 0 for runoff section.			0.0
		If yes, score 5 and proceed with section.			
Where does runoff terminate?	19	Other	Bench Setting	Drainage/Wetland	0.0
Has runoff caused visible erosion? (Yes/No)	22	Sheet	Rill	Gully	0.0
		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.			4.0
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**	34.5**

** Indicates BMPs in place. Erosion potential without BMPs may be greater.

REVISED PART B

Report Printed 3/3/2003 2:54:31 PM.

Los Alamos National Laboratory
SURFACE WATER
SITE ASSESSMENT

Revised Part B. Please discard previous.

SITE IN RMATION

1a) PI Number 21-024(i) **1b) Structure Number** 21-209 **1c) FMU Number** ER

2. Dat ime (M/D/Y H:M am/pm) 2/23/2003

SITE SE ING (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).**

Expla tion: The PRS is located on the northern rim of Los Alamos canyon, a portion of the PRS may extend onto a bench located below the canyon rim.

4. E: nated ground and/or canopy cover at site: (deciduous leaves, pine needles, rocks, vegetation, trees, st tures, asphalt, etc.)

(illustration)

Estim. d % of ground/canopy cover: ○ 0% to 25% ● 25% to 75% ● 75% to 100

Expla tion: The ground cover in the vicinity of the removal activity is btwn 75-100% coverage and consists of native and annual (temp) grasses and straw mulch. Ground cover on the bench is btwn 25-75% coverage and consists of native grasses and forbs.

5. St best slope at the area impacted:

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

Expla ion: Upper portion of PRS slopes to the south at 10-30%, the canyon rim and bench below are sloped greater than 30%.

RUNOF ACTORS

Y / N

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

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

Explanation: There is no visible evidence of runoff discharging from the PRS.

RUNOFF FACTORS, CONT'D

6b) Where does evidence of runoff terminate?

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

Explanation: Runoff from site would terminate on bench setting below site, above LA Canyon

Y / N

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

Explanation: There is no visible evidence of erosion.

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:

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

Explanation: A fire hydrant located approx. 50' NW of the PRS could discharge across the PRS during testing.

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

Explanation: Area north of PRS slopes towards and could direct storm water across the PRS.

ASSESSMENT FINDING:

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

Johnson, Randy

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:

Straw mulch, straw wattles, jute matting, reseeding and a brush barrier were installed following the VCA activities.

● ○ 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:

Site re-evaluated following completion of VCA and restoration activities. A previous reassessment was conducted on 11/1/1998 after it was discovered that the runoff terminates onto the bench setting and not the canyon drainage. Original assessment completed 5/97 (score 62.3)

Appendix C

Results of Quality Assurance/Quality Control Activities

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APPENDIX C RESULTS OF QUALITY ASSURANCE/QUALITY CONTROL ACTIVITIES

C-1.0 SUMMARY OF QUALITY ASSURANCE/QUALITY CONTROL ACTIVITIES

This appendix consists of an assessment of the quality of analytical results obtained at SWMU 21-024(i) from 1993 to 2002. A total of 102 samples have been analyzed and evaluated for this investigation Table C-1.1 presents the analytical suites analyzed for all the samples during this investigation.

Table C-1.1
Analytes

Chemical Category	Analyte List	Analytical Method
Inorganic chemicals	Target analyte metals	SW-846 Method 6010 SW-846 Method 6020 SW-846 Method 7060 SW-846 Method 7421 SW-846 Method 7471A SW-846 Method 7740 SW-846 Method 7841 CLP:ILM03.0-200.7 CLP:ILM03.0-245.1
	Anions	EPA Method 314.0
Organic chemicals	Polychlorinated biphenyls (PCBs)	SW-846 Method 8082
	Pesticides	SW-846 Method 8081
	Pesticides/PCBs	SW-846 Method 8080
	Volatile organic compounds (VOCs)	SW-846 Method 8260
	Semivolatile organic compounds (SVOCs)	SW-846 Method 8270
Radionuclides	Americium-241	HASL-300
	Gamma spectroscopy	EPA Method 901.1
	Tritium	EPA Method 906.0
	Isotopic plutonium	HASL-300
	Isotopic uranium	HASL-300
	Isotopic thorium	HASL-300
	Gross alpha/beta	EPA Method 900
	Strontium-90	EPA Method 905.0

Quality assurance (QA), quality control (QC), and data validation procedures were implemented in accordance with the requirements of Laboratory guidance (LANL 1996, 54609) and the ER Project analytical services statement of work (SOW) for contract laboratories (LANL 1995, 49738). The results of the QA/QC activities were used to estimate accuracy, bias, and precision of the analytical measurements. QC samples, e.g., method blanks and laboratory control samples (LCSs), were used to assess accuracy and bias. Internal standards, surrogates, and tracers were also used to assess accuracy. The type and frequency of QC analyses are described in the ER Project analytical services SOW (LANL 1995, 49738). Other QC factors, such as sample preservation and holding times, were also assessed. The requirements for sample preservation and holding times are given in LANL-ER-SOP-1.02, Rev. 1, "Sample Containers and Preservation." The applicable procedures to perform the validation are the data analysis and assessment SOPs (15.xx series).

C-1.1 Samples Collected

A summary of the soil samples collected for analyses is presented in Table C-1.2.

Summaries of the analytical methods for inorganics, radionuclides, and organic analytes are provided in the following sections. The contract-required detection limit (CRDL) for each analyte listed is provided in Appendix D-1.0. These limits are also detailed in the ER Project analytical services SOW (LANL 1995, 49738).

Table C-1.2
Summary of Samples Analyzed at SWMU 21-024(i)

Request Number	Collection Date	ER Sample ID	Analytical Suite	Analytical Laboratory
Inorganic Chemicals				
15412	August 1993	AAA4129 AAA4131 AAA4132 AAA4133	TAL Metals SW-846:6010 SW-846:6020	Rust Geotech
2931	February 1997	0121-97-0902 0121-97-0903	TAL Metals CLP:ILM03.0-200.7 CLP:ILM03.0-245.1	Analytical Technology, Inc.
2936	February 1997	0121-97-0904 0121-97-0905	TAL Metals SW-846:6010 SW-846:7000 Series (Arsenic, Lead, Mercury, Selenium, Thallium)	Kemron
3036R	March 1997	0121-97-1221 0121-97-1222 0121-97-1223 0121-97-1224 0121-97-1225 0121-97-1226 0121-97-1227 0121-97-1228 0121-97-1229 0121-97-1230 0121-97-1231 0121-97-1232 0121-97-1233 0121-97-1234 0121-97-1235 0121-97-1236 0121-97-1237 0121-97-1238 0121-97-1239 0121-97-1240 0121-97-1241	TAL Metals SW-846:6010 SW-846:7471A	Roy F. Weston
3896R	November 1997	0121-97-1452 0121-97-1453 0121-97-1454 0121-97-1455	TAL Metals SW-846:6010 SW-846:7471A	Roy F. Weston, West Chester, PA

Table C-1.2 (cont.)

Request Number	Collection Date	ER Sample ID	Analytical Suite	Analytical Laboratory
4854R	October 1998	MD21-98-0034 MD21-98-0035 MD21-98-0036 MD21-98-0037 MD21-98-0038 MD21-98-0039 MD21-98-0040 MD21-98-0041 MD21-98-0042 MD21-98-0043 MD21-98-0044 MD21-98-0045 MD21-98-0046 MD21-98-0047 MD21-98-0048 MD21-98-0049	TAL Metals SW-846:6010B SW-846:7471A	Kemron
8295R	January 2001	MD21-01-0001 MD21-01-0002	TAL Metals SW-846:6010B SW-846:6020 SW-846:7471A	Kemron
8305R	January 2001	MD21-01-0003 MD21-01-0004 MD21-01-0005	TAL Metals SW-846:6010B SW-846:6020 SW-846:7471A	Kemron
8354R	January 2001	MD21-01-0007 MD21-01-0008 MD21-01-0009 MD21-01-0010	TAL Metals SW-846:6010B SW-846:6020 SW-846:7471A	Kemron
8367R	February 2001	MD21-01-0011 MD21-01-0012 MD21-01-0013 MD21-01-0014	TAL Metals SW-846:6010B SW-846:6020 SW-846:7471A	Kemron
8375R	February 2001	MD21-01-0015 MD21-01-0016 MD21-01-0017 MD21-01-0018 MD21-01-0019 MD21-01-0020	TAL Metals SW-846:6010B SW-846:6020 SW-846:7471A	Kemron
8389R	February 2001	MD21-01-0054 MD21-01-0055 MD21-01-0056	TAL Metals SW-846:6010B SW-846:6020 SW-846:7471A	Kemron
9637R	August 2001	MD21-01-0302 MD21-01-0303	TAL Metals SW-846:6010B SW-846:7471A	Severn Trent Laboratories, Inc.
9644R	August 2001	MD21-01-0308 MD21-01-0309 MD21-01-0312 MD21-01-0313 MD21-01-0314 MD21-01-0315	TAL Metals SW-846:6010 SW-846:6020 SW-846:7471	Severn Trent Laboratories, Inc.

Table C-1.2 (cont.)

Request Number	Collection Date	ER Sample ID	Analytical Suite	Analytical Laboratory
9666R	August 2001	MD21-01-0298 MD21-01-0299 MD21-01-0300 MD21-01-0301 MD21-01-0304 MD21-01-0306 MD21-01-0307 MD21-01-0310 MD21-01-0311	TAL Metals SW-846:6010B SW-846:7471A	Severn Trent Laboratories, Inc.
132S	October 2001	MD21-01-0522 MD21-01-0523 MD21-01-0524 MD21-01-0525 MD21-01-0526	TAL Metals SW-846:6010 SW-846:6020 SW-846:7471A	General Engineering Laboratories, Inc.
1289S	September 2002	MD21-02-49583 MD21-02-49585 MD21-02-49586 MD21-02-49587 MD21-02-49589 MD21-02-49591 MD21-02-49592 MD21-02-49593 MD21-02-49595 MD21-02-49597 MD21-02-49598 MD21-02-49599 MD21-02-49603	TAL Metals EPA:314.0 SW-846:6010B SW-846:6020 SW-846:7471A	General Engineering Laboratories, Inc.
Organic Chemicals				
15406	August 1993	AAA4129 AAA4131 AAA4132 AAA4133	SVOCs SW-846:8270	Environmental Sciences and Engineering, Inc.
2930	February 1997	0121-97-0902 0121-97-0903	VOCs SW-846:8260 SVOCs SW-846:8270	Analytical Technology, Inc.
2935	February 1997	0121-97-0904 0121-97-0905	VOCs SW-846:8260 SVOCs SW-846:8270	Kemron

Table C-1.2 (cont.)

Request Number	Collection Date	ER Sample ID	Analytical Suite	Analytical Laboratory
4853R	October 1998	MD21-98-0034 MD21-98-0035 MD21-98-0036 MD21-98-0037 MD21-98-0038 MD21-98-0039 MD21-98-0040 MD21-98-0041 MD21-98-0042 MD21-98-0043 MD21-98-0044 MD21-98-0045 MD21-98-0046 MD21-98-0047 MD21-98-0048 MD21-98-0049	SVOCs SW-846:8270C PCBs SW-846:8082 Pests SW-846:8081	Kemron
8294R	January 2001	MD21-01-0001 MD21-01-0002	VOCs SW-846:8260 SVOCs SW-846:8270 PCBs SW-846:8082 Pests SW-846:8081	Severn Trent Laboratories, Inc.
8304R	January 2001	MD21-01-0003 MD21-01-0004 MD21-01-0005	VOCs SW-846:8260 SVOCs SW-846:8270 PCBs SW-846:8080 Pests SW-846:8081	Severn Trent Laboratories, Inc.
8353R	February 2001	MD21-01-0007 MD21-01-0008 MD21-01-0009 MD21-01-0010	VOCs SW-846:8260B_5035 SVOCs SW-846:8270 Pest/PCBs SW-846:8080	Severn Trent Laboratories, Inc.
8366R	February 2001	MD21-01-0011 MD21-01-0012 MD21-01-0013 MD21-01-0014	VOCs SW-846:8260B_5035 SVOCs SW-846:8270 Pest/PCBs SW-846:8080	Severn Trent Laboratories, Inc.
8374R	February 2001	MD21-01-0015 MD21-01-0016 MD21-01-0017 MD21-01-0018 MD21-01-0019 MD21-01-0020	Pest/PCBs SW-846:8080 SVOCs SW-846:8270 VOCs SW-846:8260B_5035	Severn Trent Laboratories, Inc.

Table C-1.2 (cont.)

Request Number	Collection Date	ER Sample ID	Analytical Suite	Analytical Laboratory
8388R	February 2001	MD21-01-0054 MD21-01-0055 MD21-01-0056	VOCs SW-846:8260B SVOCs SW-846:8270 Pest/PCBs SW-846:8080	Severn Trent Laboratories, Inc.
9636R	August 2001	MD21-01-0302 MD21-01-0303	VOCs SW-846:8260B SVOCs SW-846:8270C PCBs SW-846:8082 Pests SW-846:8081A	Severn Trent Laboratories, Inc.
9643R	August 2001	MD21-01-0308 MD21-01-0309 MD21-01-0312 MD21-01-0313 MD21-01-0314 MD21-01-0315	VOCs SW-846:8260B SVOCs SW-846:8270C PCBs SW-846:8082 Pests SW-846:8081A	Severn Trent Laboratories, Inc.
9665R	August 2001	MD21-01-0298 MD21-01-0299 MD21-01-0300 MD21-01-0301 MD21-01-0304 MD21-01-0306 MD21-01-0307 MD21-01-0310 MD21-01-0311	VOCs SW-846:8260B SVOCs SW-846:8270C PCBs SW-846:8082 Pests SW-846:8081A	Severn Trent Laboratories, Inc.
131S	October 2001	MD21-01-0522 MD21-01-0523 MD21-01-0524 MD21-01-0525 MD21-01-0526	VOCs SW-846:8260 SVOCs SW-846:8270 PCBs SW-846:8082 Pests SW-846:8081	General Engineering Laboratories, Inc.
1288S	September 2002	MD21-02-49583 MD21-02-49585 MD21-02-49586 MD21-02-49587 MD21-02-49589 MD21-02-49591 MD21-02-49592 MD21-02-49593 MD21-02-49595 MD21-02-49597 MD21-02-49599 MD21-02-49603	SVOCs SW-846:8270C PCBs SW-846:8082	General Engineering Laboratories, Inc.

Table C-1.2 (cont.)

Request Number	Collection Date	ER Sample ID	Analytical Suite	Analytical Laboratory
Radionuclides				
15278	July 1993	AAA4033 AAA4037 AAA4040	Americium-241 HASL-300 Gamma spectroscopy EPA: 901.1 Tritium EPA: 906.0 Isotopic plutonium HASL-300 Isotopic Uranium HASL-300	Rust Geotech
15413	August 1993	AAA4129 AAA4131 AAA4132 AAA4133	Americium-241 HASL-300 Gamma spectroscopy EPA: 901.1 Tritium EPA: 906.0 Isotopic plutonium HASL-300 Isotopic Uranium HASL-300 Isotopic thorium HASL-300	Rust Geotech
2932	February 1997	0121-97-0902 0121-97-0903	Gamma spectroscopy EPA: 901.1 Gross Alpha/Beta EPA: 900.0 Tritium EPA: 906.0 Isotopic plutonium HASL-300 Isotopic Uranium HASL-300 Isotopic thorium HASL-300	Analytical Technology, Inc.
2937	February 1997	0121-97-0904 0121-97-0905	Gamma spectroscopy EPA: 901.1 Gross Alpha/Beta EPA: 900.0 Isotopic plutonium HASL-300 Isotopic Uranium HASL-300 Isotopic thorium HASL-300	Environmental Sciences and Engineering, Inc.

Table C-1.2 (cont.)

Request Number	Collection Date	ER Sample ID	Analytical Suite	Analytical Laboratory
3035R	March 1997	0121-97-1221 0121-97-1222 0121-97-1223 0121-97-1224 0121-97-1225 0121-97-1226 0121-97-1227 0121-97-1228 0121-97-1229 0121-97-1230 0121-97-1231 0121-97-1232 0121-97-1233 0121-97-1234 0121-97-1235 0121-97-1236 0121-97-1237 0121-97-1238 0121-97-1239 0121-97-1240 0121-97-1241	Gamma spectroscopy EPA: 901.1 Tritium EPA: 906.0 Isotopic Uranium HASL-300 Isotopic thorium HASL-300	Analytical Technology, Inc.
4855R	October 1998	MD21-98-0034 MD21-98-0035 MD21-98-0036 MD21-98-0037 MD21-98-0038 MD21-98-0039 MD21-98-0040 MD21-98-0041 MD21-98-0042 MD21-98-0043 MD21-98-0044 MD21-98-0045 MD21-98-0046 MD21-98-0047 MD21-98-0048 MD21-98-0049	Gamma spectroscopy EPA: 901.1 Tritium EPA: 906.0 Isotopic Uranium HASL-300 Isotopic thorium HASL-300	Analytical Technologies, Inc.
133S	October 2001	MD21-01-0522 MD21-01-0523 MD21-01-0524 MD21-01-0525 MD21-01-0526	Americium-241 HASL-300 Gamma spectroscopy EPA: 901.1 Gross Alpha/Beta EPA: 900.0 Tritium EPA: 906.0 Isotopic plutonium HASL-300 Isotopic Uranium HASL-300 Isotopic thorium HASL-300 Strontium-90 EPA: 905.0	General Engineering Laboratories, Inc.

Table C-1.2 (cont.)

Request Number	Collection Date	ER Sample ID	Analytical Suite	Analytical Laboratory
8296R	January 2001	MD21-01-0001 MD21-01-0002	Americium-241 HASL-300 Gamma spectroscopy EPA: 901.1 Gross Alpha/Beta EPA: 900.0 Tritium EPA: 906.0 Isotopic plutonium HASL-300 Isotopic Uranium HASL-300 Isotopic thorium HASL-300 Strontium-90 EPA: 905.0	Severn Trent Laboratories, Inc.
8306R	January 2001	MD21-01-0003 MD21-01-0004 MD21-01-0005	Americium-241 HASL-300 Gamma spectroscopy EPA: 901.1 Gross Alpha/Beta EPA: 900.0 Tritium EPA: 906.0 Isotopic plutonium HASL-300 Isotopic Uranium HASL-300 Isotopic thorium HASL-300 Strontium-90 EPA: 905.0	Severn Trent Laboratories, Inc.
8355R	February 2001	MD21-01-0007 MD21-01-0008 MD21-01-0009 MD21-01-0010	Americium-241 HASL-300 Gamma spectroscopy EPA: 901.1 Gross Alpha/Beta EPA: 900.0 Tritium EPA: 906.0 Isotopic plutonium HASL-300 Isotopic Uranium HASL-300 Isotopic thorium HASL-300 Strontium-90 EPA: 905.0	Severn Trent Laboratories, Inc.

Table C-1.2 (cont.)

Request Number	Collection Date	ER Sample ID	Analytical Suite	Analytical Laboratory
8368R	February 2001	MD21-01-0011 MD21-01-0012 MD21-01-0013 MD21-01-0014	Americium-241 HASL-300 Gamma spectroscopy EPA: 901.1 Gross Alpha/Beta EPA: 900.0 Tritium EPA: 906.0 Isotopic plutonium HASL-300 Isotopic Uranium HASL-300 Isotopic thorium HASL-300 Strontium-90 EPA: 905.0	Severn Trent Laboratories, Inc.
8376R	February 2001	MD21-01-0015 MD21-01-0016 MD21-01-0017 MD21-01-0018 MD21-01-0019 MD21-01-0020	Americium-241 HASL-300 Gamma spectroscopy EPA: 901.1 Gross Alpha/Beta EPA: 900.0 Tritium EPA: 906.0 Isotopic plutonium HASL-300 Isotopic Uranium HASL-300 Isotopic thorium HASL-300 Strontium-90 EPA: 905.0	Severn Trent Laboratories, Inc.
8390R	February 2001	MD21-01-0054 MD21-01-0055 MD21-01-0056	Americium-241 HASL-300 Gamma spectroscopy EPA: 901.1 Gross Alpha/Beta EPA: 900.0 Tritium EPA: 906.0 Isotopic plutonium HASL-300 Isotopic Uranium HASL-300 Isotopic thorium HASL-300 Strontium-90 EPA: 905.0	Severn Trent Laboratories, Inc.
9638R	August 2001	MD21-01-0302 MD21-01-0303	Gamma spectroscopy EPA: 901.1 Tritium EPA: 906.0 Gross Alpha/Beta EPA: 900.0	Severn Trent Laboratories, Inc.

Table C-1.2 (cont.)

Request Number	Collection Date	ER Sample ID	Analytical Suite	Analytical Laboratory
9645R	August 2001	MD21-01-0308 MD21-01-0309 MD21-01-0312 MD21-01-0313 MD21-01-0314 MD21-01-0315	Americium-241 HASL-300 Gamma spectroscopy EPA: 901.1 Tritium EPA: 906.0 Isotopic plutonium HASL-300 Isotopic Uranium HASL-300 Isotopic thorium HASL-300 Strontium-90 EPA: 905.0	Severn Trent Laboratories, Inc.
9667R	August 2001	MD21-01-0298 MD21-01-0299 MD21-01-0300 MD21-01-0301 MD21-01-0304 MD21-01-0306 MD21-01-0307 MD21-01-0310 MD21-01-0311	Americium-241 HASL-300 Gamma spectroscopy EPA: 901.1 Tritium EPA: 906.0 Isotopic plutonium HASL-300 Isotopic Uranium HASL-300 Isotopic thorium HASL-300 Strontium-90 EPA: 905.0	Severn Trent Laboratories, Inc.
1290S	September 2002	MD21-02-49583 MD21-02-49585 MD21-02-49586 MD21-02-49587 MD21-02-49589 MD21-02-49591 MD21-02-49592 MD21-02-49593 MD21-02-49595 MD21-02-49597 MD21-02-49599 MD21-02-49603	Americium-241 HASL-300 Isotopic plutonium HASL-300	General Engineering Laboratories, Inc.

C-2.0 INORGANIC CHEMICAL METHODS

The inorganic methods for this data set are detailed in Table C-2.1. One hundred samples were analyzed for target analyte metals (TALs) using the methods listed in Table C-2.1. Thirteen samples were analyzed for Anions using EPA Method 314.0.

Table C-2.1
Analytical Methods for Inorganic Chemical Analyses

Analytical Method	Analytical Description	Analytical Suite
SW-846 Method 6010 SW-846 Method 6020 SW-846 Method 7060 SW-846 Method 7421 SW-846 Method 7471A SW-846 Method 7740 SW-846 Method 7841	Target Analyte Compounds	ER Project analytical services SOW (LANL 1995, 49738)
EPA Method 314.0	Anions	ER Project analytical services SOW (LANL 1995, 49738)

C-2.1 Inorganic Quality Assurance/Quality Control Samples

A laboratory control sample (LCS) is a known matrix that has been spiked with compound(s) representative of the target analytes. The LCS is used to document laboratory performance. The LCS serves as a monitor of the overall performance of each step during the analysis, including sample extraction and injection.

The method blank is an analyte-free matrix to which all reagents are added in the same volumes and proportions as those used in the environmental sample processing; the method blank is prepared and analyzed in the same manner as the corresponding environmental samples. The method blanks are used as a measurement of bias and potential cross contamination during sample preparation and analysis. For analytes detected in the method blank, results are regarded as not detected if the sample results are less than or equal to 5 times the concentration of the analyte in the method blank. (EPA 1999, 48639).

C-3.0 ORGANIC CHEMICAL ANALYSES

Forty-six samples were analyzed for volatile organic compounds (VOCs) using SW-846 Method 8260. Seventy-eight samples were analyzed for semivolatile organic compounds (SVOCs) using SW-846 Method 8270. Forty-nine samples were analyzed for polychlorinated biphenyls (PCBs) using EPA SW-846 Method 8082. Forty-five samples were analyzed for pesticides (Pests) using SW-846 Method 8081. Twenty-one samples were analyzed for Pesticides/Polychlorinated Biphenyls (Pest/PCBs) in one test using SW-846 Method 8080. The most recent promulgated methods were used depending on the date of sampling.

The organic methods for this data set are detailed in Table C-3.1.

Table C-3.1
Analytical Methods for Organic Analyses

Analytical Method	Analytical Description	Target Compound List
SW-846 Method 3540 – Extraction SW-846 Method 8270 - Analysis	Semi-volatile Organic Compounds (SVOCs)	ER Project analytical services SOW (LANL 1995, 49738).
SW-846 Method 5030 – Extraction SW-846 Method 8260 – Analysis SW-846 Method 5035 - Extraction	Volatile Organic Compounds (VOCs)	ER Project analytical services SOW (LANL 1995, 49738).
SW-846 Method 3540 – Extraction SW-846 Method 8081 - Analysis	Pesticides (Pests)	ER Project analytical services SOW (LANL 1995, 49738).
SW-846 Method 3540 – Extraction SW-846 Method 8080 - Analysis	Pesticides/Polychlorinated Biphenyls (Pest/PCBs)	ER Project analytical services SOW (LANL 1995, 49738).
SW-846 Method 3540 - Extraction SW-846 Method 8082 - Analysis	Polychlorinated Biphenyls (PCBs)	ER Project analytical services SOW (LANL 1995, 49738).

C-3.1 Organic Quality Assurance/Quality Control Samples

An LCS is a known matrix that has been spiked with compound(s) representative of the target analytes. The LCS is used to document laboratory performance and serves as a monitor of the overall performance of each step during the analysis, including sample extraction and injection.

The method blank is an analyte-free matrix to which all reagents (surrogates and internal standards) are added in the same volumes and proportions as those used in the environmental sample processing; the method blank is prepared and analyzed in the same manner as the corresponding environmental samples. The method blanks are used as a measurement of bias and potential cross contamination during sample preparation and analysis. For analytes detected in the method blank, results are regarded as not detected if the sample results are less than or equal to 5 times the concentration of the analyte in the method blank. (EPA 1999, 58690).

C-4.0 RADIOCHEMICAL ANALYSES

One hundred two samples were analyzed for radionuclides by the methods listed in Table C-4.1. Radionuclides with reported values less than the minimum detectable activity (MDA) were qualified as non-detected (U). The radionuclides qualified as non-detected based on the MDA are summarized in Table C-5.4. Each radionuclide result was also compared with the corresponding 1-sigma total propagated uncertainty (TPU). If the result was not greater than three times the total propagated uncertainty, it was qualified as non-detected (U). Radionuclides qualified as non-detected (U) based on the 1-sigma TPU are also presented in Table C-5.4.

Table C-4.1
Analytical Methods for Radiochemical Analyses

Analytical Method	Analytical Description	Target Compound List
HASL-300	Americium-241	ER Project analytical services SOW (LANL 1995, 49738)
EPA Method 901.1	Gamma spectroscopy	ER Project analytical services SOW (LANL 1995, 49738)
EPA Method 906.0	Tritium	ER Project analytical services SOW (LANL 1995, 49738)
HASL-300	Isotopic plutonium	ER Project analytical services SOW (LANL 1995, 49738)
HASL-300	Isotopic Uranium	ER Project analytical services SOW (LANL 1995, 49738)
HASL-300	Isotopic thorium	ER Project analytical services SOW (LANL 1995, 49738)
EPA Method 900.0	Gross Alpha/Beta	ER Project analytical services SOW (LANL 1995, 49738)
EPA Method 905.0	Strontium-90	ER Project analytical services SOW (LANL 1995, 49738).

C-4.1 Discussion of Radiochemical Quality Assurance/Quality Control Samples

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

An LCS is a known matrix that has been spiked with compound(s) representative of the target analytes. The LCS is used to document laboratory performance. The LCS serves as a monitor of the overall performance of each step during the analysis, including sample extraction and injection.

The method blank is an analyte-free matrix to which all reagents (surrogates and internal standards) are added in the same volumes and proportions as those used in the environmental sample processing; the method blank is prepared and analyzed in the same manner as the corresponding environmental samples. The method blanks are used as a measurement of bias and potential cross contamination during sample preparation and analysis. For analytes detected in the method blank, results are regarded as not detected if the sample results are less than or equal to 5 times the concentration of the analyte in the method blank.

C-5.0 DATA VALIDATION

The following tables present the data qualifiers applied to each analyte for a given sample. The data qualifiers are defined in Table C-5.1. Table C-5.2 (inorganic data quality), Table C-5.3 (organic data quality), and Table C.5-4 (radionuclide data quality) summarize the qualifiers for this data set.

Table C-5.1
Explanation of Data Qualifiers Used in the Data Validation Procedure

Qualifier	Explanation
U	The analyte was analyzed but considered not detected because of a specific Quality Issue.
J	The reported value should be regarded as estimated.
J+	The reported value should be regarded as estimated and biased high.
J-	The reported value should be regarded as 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 or absence cannot be verified.

C-5.1 Inorganic Data Review

The analytical results for inorganic samples collected at SWMU 21-024(i) are discussed below. See Table C-5.2 for more details.

Request 15412. Rust Geotech analyzed four samples for target analyte list (TAL) metals. No target analytes were detected in the blank. All initial and continuing calibration verifications met acceptance criteria. The extraction and analysis holding times were met.

Request 2931. Analytical Technologies, Inc. analyzed two samples for TAL metals. No target analytes were detected in the blank. All initial and continuing calibration verifications met acceptance criteria. The results for chromium should be regarded as estimated (J) because the analytical results compared to its analytical duplicate exceed relative percent difference (RPD) criteria. The results for manganese should be regarded as estimated and biased low (J-) because the matrix spike recovery values were greater than 30% and less than the LAL. The reporting limits for antimony should be regarded as estimated (UJ) because the spike percent recoveries were greater than 30% and less than the LAL. The extraction and analysis holding times were met. The results for several analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit (PQL), but greater than the method detection limit (MDL).

Request 2936. Kemron analyzed two samples for TAL metals The results for copper and sodium should be regarded as not detected (U) because the results were less than five times the related analytes found in the blank. All initial and continuing calibration verifications met acceptance criteria. The results for lead, manganese and zinc should be regarded as estimated and biased low (J-) because the spike recovery values were greater than 30% and less than the LAL. The reporting limits for selenium and antimony should be regarded as estimated (UJ) because the spike percent recovery values were greater than 30% and less than the LAL. The extraction and analysis holding times were met.

Request 3036R. Roy F. Weston analyzed twenty-one samples for TAL metals. No target analytes were detected in the blank. All initial and continuing calibration verifications met acceptance criteria. The result for aluminum should be regarded as estimated (J) because the analytical result compared to its analytical duplicate exceeded the RPD criteria. The results/reporting limits for several analytes are qualified as estimated for detects (J-) and non-detects (UJ) because the spike percent recovery values were greater than 30% and less than the LAL, refer to Table C-5.2 for list of analytes. The results for manganese should be regarded as estimated and biased high (J+) because the matrix spike values were greater than 125%. The extraction and analysis holding times were met. The results for several analytes should be regarded as estimated (J) because the results were less than the PQL, but greater than the MDL.

Request 3896R. Roy F. Weston analyzed four samples for TAL metals. The result for cadmium should be regarded as not detected (U) because the result was less than five times the related analyte found in the blank. All initial and continuing calibration verifications met acceptance criteria. The reporting limits for antimony should be regarded as estimated (UJ) because the spike percent recovery values were greater than 30% and less than the LAL. The extraction and analysis holding times were met. The results for several analytes should be regarded as estimated (J) because the results were less than the PQL, but greater than the MDL.

Request 4854R. Kemron analyzed sixteen samples for TAL metals. No target analytes were detected in the blank. All initial and continuing calibration verifications met acceptance criteria. The results/reporting limits for several analytes are qualified as estimated for detects (J-) and non-detects (UJ) because the spike percent recovery values were greater than 30% and less than the LAL, refer to Table C-5.2 for list of analytes. The extraction and analysis holding times were met.

Request 8295R. Kemron analyzed two samples for TAL metals. No target analytes were detected in the blank. All initial and continuing calibration verifications met acceptance criteria. The results for magnesium and manganese should be regarded as estimated and biased low (J-) because the spike percent recovery values were greater than 30% and less than the LAL. The result for cadmium should be regarded as estimated and biased high (J+) because the matrix spike values were greater than 125%. The extraction and analysis holding times were met. The results for thallium and mercury should be regarded as estimated (J) because the results were less than the PQL, but greater than the MDL.

Request 8305R. Kemron analyzed three samples for TAL metals. No target analytes were detected in the blank. All initial and continuing calibration verifications met acceptance criteria. The results for chromium should be regarded as estimated (J) because the analytical results compared to their analytical duplicates exceeded the RPD criteria. The extraction and analysis holding times were met. The results for several analytes should be regarded as estimated (J) because the results were less than the PQL, but greater than the MDL, refer to Table C-5.2 for list of analytes.

Request 8354R. Kemron analyzed four samples for TAL metals. No target analytes were detected in the blank. All initial and continuing calibration verifications met acceptance criteria. The reporting limits for antimony should be regarded as estimated (UJ) because the spike percent recovery values were greater than 30% and less than the LAL. The extraction and analysis holding times were met. The results for several analytes should be regarded as estimated (J) because the results were less than the PQL, but greater than the MDL, refer to Table C-5.2 for list of analytes.

Request 8367R. Kemron analyzed four samples for TAL metals. No target analytes were detected in the blank. All initial and continuing calibration verifications met acceptance criteria. The results for several analytes should be regarded as estimated (J) because the analytical results compared to their analytical duplicates exceeded the RPD criteria, refer to Table C-5.2 for list of analytes. The extraction and analysis holding times were met. The results for several analytes should be regarded as estimated (J) because the results were less than the PQL, but greater than the MDL, refer to Table C-5.2 for list of analytes.

Request 8375R. Kemron analyzed six samples for TAL metals. No target analytes were detected in the blank. All initial and continuing calibration verifications met acceptance criteria. The extraction and analysis holding times were met. The results for several analytes should be regarded as estimated (J) because the results were less than the PQL, but greater than the MDL, refer to Table C-5.2 for list of analytes.

Request 8389R. Kemron analyzed three samples for TAL metals. No target analytes were detected in the blank. All initial and continuing calibration verifications met acceptance criteria. The extraction and analysis holding times were met. The results for beryllium, cobalt and thallium should be regarded as estimated (J) because the results were less than the PQL, but greater than the MDL.

Request 9637R. Severn Trent Laboratories, Inc. analyzed two samples for TAL metals. The results for magnesium, sodium, and vanadium should be regarded as not detected (U) because the results were greater than the PQL, but less than or equal to five times the concentration of the related analyte in the blank. All initial and continuing calibration verifications met acceptance criteria. The results for manganese and thallium should be regarded as estimated and biased low (J-) because the spike percent recovery values were greater than 30% and less than the LAL. The results for aluminum should be regarded as estimated and biased high (J+) because the matrix spike values were greater than 125%. The extraction and analysis holding times were met. The results for several analytes should be regarded as estimated (J) because the results were less than the PQL, but greater than the MDL, refer to Table C-5.2 for list of analytes.

Request 9644R. Severn Trent Laboratories, Inc. analyzed six samples for TAL metals. The results for magnesium, sodium, thallium and vanadium should be regarded as not detected (U) because the results were greater than the PQL, but less than or equal to five times the concentration of the related analyte in the blank. All initial and continuing calibration verifications met acceptance criteria. The results for magnesium, manganese and thallium should be regarded as estimated and biased low (J-) because the spike percent recovery values were greater than 30% and less than the LAL. The results for aluminum should be regarded as estimated and biased high (J+) because the matrix spike values were greater than 125%. The extraction and analysis holding times were met. The results for several analytes should be regarded as estimated (J) because the results were less than the PQL, but greater than the MDL.

Request 9666R. Severn Trent Laboratories, Inc. analyzed nine samples for TAL metals. The results for Thallium should be regarded as not detected (U) because the results were greater than the PQL, but less than or equal to five times the concentration of the related analyte in the blank. All initial and continuing calibration verifications met acceptance criteria. The results for Copper should be regarded as estimated (J) because the analytical results compared to their analytical duplicates exceeded RPD criteria. The results/reporting limits for several analytes are qualified as estimated for detects (J-) and non-detects (UJ) because the spike percent recovery values were greater than 30% and less than the LAL, refer to Table C-5.2 for list of analytes. The results for aluminum should be regarded as estimated and biased high (J+) because the matrix spike values were greater than 125%. The extraction and analysis holding times were met. The results for several analytes should be regarded as estimated (J) because the results were less than the PQL, but greater than the MDL.

Request 132S. General Engineering Laboratories, Inc. analyzed five samples for TAL metals. The result for antimony should be regarded as not detected (U) because the result was greater than the PQL, but less than or equal to five times the concentration of the related analyte in the blank. All initial and continuing calibration verifications met acceptance criteria. The reporting limits for antimony should be regarded as estimated (UJ) because the spike percent recovery values were greater than 30% and less than the LAL. The extraction and analysis holding times were met. The results for several analytes should be regarded as estimated (J) because the results were less than the PQL, but greater than the MDL.

Request 1289S. General Engineering Laboratories, Inc. analyzed thirteen samples for TAL metals. The results for selenium should be regarded as not detected (U) because the results were greater than the PQL, but less than or equal to five times the concentration of the related analyte in the blank. All initial and continuing calibration verifications met acceptance criteria. The results/reporting limits for several analytes are qualified as estimated for detects (J-) and non-detects because the spike percent recovery values were greater than 30% and less than the LAL, refer to Table C-5.2 for list of analytes. The result for nickel and potassium should be regarded as estimated (J) because the serial dilution sample RPD was greater than 10 and the sample result was greater than 50 times the MDL. The extraction and analysis holding times were met. The results for several analytes should be regarded as estimated because the results were less than the PQL, but greater than the MDL, refer to Table C-5.2 for list of analytes.

Table C-5.2
Inorganic Chemical Data Quality Evaluation

Request Number	Location	Sample ID	Analyte	Explanation
2931	21-05112 21-05113	0121-97-0902 0121-97-0903	Chromium	The results for this analyte should be regarded as estimated (J) because the analytical results compared to its analytical duplicate exceeded relative percent difference (RPD) criteria.
2931	21-05112 21-05113	0121-97-0902 0121-97-0903	Manganese	The results for this analyte should be regarded as estimated and biased low (J-) because the matrix spike recovery values were greater than 30% and less than the LAL.
2931	21-05112 21-05113	0121-97-0902 0121-97-0903	Antimony	The reporting limits for this analyte should be regarded as estimated (UJ) because the spike percent recoveries were greater than 30% and less than the LAL.
2931	21-05112 21-05113	0121-97-0902 0121-97-0903	Arsenic, Beryllium, Cadmium, Cobalt, Copper, Magnesium, Nickel, Potassium, Sodium, Vanadium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit (PQL), but greater than the method detection limit (MDL).
2936	21-05114 21-05115	0121-97-0904 0121-97-0905	Copper, Sodium	The results for these analytes should be regarded as not detected (U) because the results were less than five times the related analytes found in the blank.
2936	21-05114 21-05115	0121-97-0904 0121-97-0905	Lead, Manganese, Zinc	The results for these analytes should be regarded as estimated and biased low (J-) because the spike percent recovery values were greater than 30% and less than the LAL.
2936	21-05114 21-05115	0121-97-0904 0121-97-0905	Selenium, Antimony	The reporting limits for these analytes should be regarded as estimated (UJ) because the spike percent recovery values were greater than 30% and less than the LAL.
3036R	21-05418	0121-97-1241	Aluminum	The result for this analyte should be regarded as estimated (J) because the analytical result compared to its analytical duplicate exceeded the RPD criteria.

Table C-5.2 (cont.)

Request Number	Location	Sample ID	Analyte	Explanation
3036R	21-05362 21-05425 21-05362 24-05379 24-05379 21-05357 21-05422 21-05404 21-05389 21-05389 21-05357 21-05425 21-05425 21-05425 21-05404 21-05355 21-05418 21-05355 21-05404 21-05422 21-05418	0121-97-1221 0121-97-1222 0121-97-1223 0121-97-1224 0121-97-1225 0121-97-1226 0121-97-1227 0121-97-1228 0121-97-1229 0121-97-1230 0121-97-1231 0121-97-1232 0121-97-1233 0121-97-1234 0121-97-1235 0121-97-1236 0121-97-1237 0121-97-1238 0121-97-1239 0121-97-1240 0121-97-1241	Arsenic	The results for this analyte should be regarded as estimated and biased low (J-) because the spike percent recovery values were greater than 30% and less than the LAL.
3036R	21-05418	0121-97-1241	Manganese	The result for this analyte should be regarded as estimated and biased low (J-) because the spike percent recovery value was greater than 30% and less than the LAL.
3036R	21-05362 21-05362 24-05379 24-05379 21-05357 21-05422 21-05404 21-05389 21-05389 21-05357 21-05425 21-05425 21-05425 21-05404 21-05355 21-05418 21-05355 21-05404 21-05422	0121-97-1221 0121-97-1223 0121-97-1224 0121-97-1225 0121-97-1226 0121-97-1227 0121-97-1228 0121-97-1229 0121-97-1230 0121-97-1231 0121-97-1232 0121-97-1233 0121-97-1234 0121-97-1235 0121-97-1236 0121-97-1237 0121-97-1238 0121-97-1239 0121-97-1240	Selenium	The results for this analyte should be regarded as estimated and biased low (J-) because the spike percent recovery values were greater than 30% and less than the LAL.

Table C-5.2 (cont.)

Request Number	Location	Sample ID	Analyte	Explanation
3036R	21-05362 21-05425 21-05362 24-05379 24-05379 21-05357 21-05422 21-05404 21-05389 21-05389 21-05357 21-05425 21-05425 21-05425 21-05404 21-05355 21-05418 21-05355 21-05404 21-05422 21-05418	0121-97-1221 0121-97-1222 0121-97-1223 0121-97-1224 0121-97-1225 0121-97-1226 0121-97-1227 0121-97-1228 0121-97-1229 0121-97-1230 0121-97-1231 0121-97-1232 0121-97-1233 0121-97-1234 0121-97-1235 0121-97-1236 0121-97-1237 0121-97-1238 0121-97-1239 0121-97-1240 0121-97-1241	Thallium	The reporting limits for this analyte should be regarded as estimated (UJ) because the spike percent recovery values were greater than 30% and less than the LAL.
3036R	21-05425	0121-97-1222	Selenium	The reporting limit for this analyte should be regarded as estimated (UJ) because the spike percent recovery value was greater than 30% and less than the LAL.
3036R	21-05362 21-05425 21-05362 24-05379 24-05379 21-05357 21-05422 21-05404 21-05389 21-05389 21-05357 21-05425 21-05425 21-05425 21-05404 21-05355 21-05418 21-05355 21-05404 21-05422	0121-97-1221 0121-97-1222 0121-97-1223 0121-97-1224 0121-97-1225 0121-97-1226 0121-97-1227 0121-97-1228 0121-97-1229 0121-97-1230 0121-97-1231 0121-97-1232 0121-97-1233 0121-97-1234 0121-97-1235 0121-97-1236 0121-97-1237 0121-97-1238 0121-97-1239 0121-97-1240	Manganese	The results for this analyte should be regarded as estimated and biased high (J+) because the matrix spike values were greater than 125%.
3036R	21-05362	0121-97-1221	Antimony	The result for this analyte should be regarded as estimated (J) because the result was less than the PQL, but greater than the MDL.
3036R	21-05425 21-05425 21-05418	0121-97-1222 0121-97-1233 0121-97-1241	Barium	The results for this analyte should be regarded as estimated (J) because the results were less than the PQL, but greater than the MDL.

Table C-5.2 (cont.)

Request Number	Location	Sample ID	Analyte	Explanation
3036R	21-05362 21-05425 21-05362 24-05379 24-05379 21-05357 21-05422 21-05404 21-05389 21-05389 21-05357 21-05425 21-05425 21-05425 21-05404 21-05355 21-05418 21-05355 21-05404 21-05422 21-05418	0121-97-1221 0121-97-1222 0121-97-1223 0121-97-1224 0121-97-1225 0121-97-1226 0121-97-1227 0121-97-1228 0121-97-1229 0121-97-1230 0121-97-1231 0121-97-1232 0121-97-1233 0121-97-1234 0121-97-1235 0121-97-1236 0121-97-1237 0121-97-1238 0121-97-1239 0121-97-1240 0121-97-1241	Beryllium, Cobalt, Sodium	The results for these analytes should be regarded as estimated (J) because the results were less than the PQL, but greater than the MDL.
3036R	21-05362 21-05355	0121-97-1221 0121-97-1238	Cadmium	The results for this analyte should be regarded as estimated (J) because the results were less than the PQL, but greater than the MDL.
3036R	21-05425 24-05379 21-05357 21-05425	0121-97-1222 0121-97-1225 0121-97-1231 0121-97-1233	Calcium	The results for this analyte should be regarded as estimated (J) because the results were less than the PQL, but greater than the MDL.
3036R	21-05425 24-05379 21-05422 21-05389 21-05357 21-05425 21-05425 21-05425 21-05404 21-05418 21-05404 21-05422 21-05418	0121-97-1222 0121-97-1225 0121-97-1227 0121-97-1229 0121-97-1231 0121-97-1232 0121-97-1233 0121-97-1234 0121-97-1235 0121-97-1237 0121-97-1239 0121-97-1240 0121-97-1241	Copper	The results for this analyte should be regarded as estimated (J) because the results were less than the PQL, but greater than the MDL.

Table C-5.2 (cont.)

Request Number	Location	Sample ID	Analyte	Explanation
3036R	21-05362 21-05425 21-05362 24-05379 24-05379 21-05422 21-05389 21-05389 21-05357 21-05425 21-05425 21-05425 21-05404 21-05418 21-05404 21-05422 21-05418	0121-97-1221 0121-97-1222 0121-97-1223 0121-97-1224 0121-97-1225 0121-97-1227 0121-97-1229 0121-97-1230 0121-97-1231 0121-97-1232 0121-97-1233 0121-97-1234 0121-97-1235 0121-97-1237 0121-97-1239 0121-97-1240 0121-97-1241	Magnesium	The results for this analyte should be regarded as estimated (J) because the results were less than the PQL, but greater than the MDL.
3036R	21-05357 21-05357 21-05404 21-05404	0121-97-1226 0121-97-1231 0121-97-1235 0121-97-1239	Mercury	The results for this analyte should be regarded as estimated (J) because the results were less than the PQL, but greater than the MDL.
3036R	21-05362 21-05362 24-05379 24-05379 21-05357 21-05422 21-05404 21-05389 21-05389 21-05357 21-05425 21-05425 21-05425 21-05404 21-05355 21-05418 21-05355 21-05404 21-05422 21-05418	0121-97-1221 0121-97-1223 0121-97-1224 0121-97-1225 0121-97-1226 0121-97-1227 0121-97-1228 0121-97-1229 0121-97-1230 0121-97-1231 0121-97-1232 0121-97-1233 0121-97-1234 0121-97-1235 0121-97-1236 0121-97-1237 0121-97-1238 0121-97-1239 0121-97-1240 0121-97-1241	Nickel	The results for this analyte should be regarded as estimated (J) because the results were less than the PQL, but greater than the MDL.

Table C-5.2 (cont.)

Request Number	Location	Sample ID	Analyte	Explanation
3036R	21-05362 21-05425 21-05362 24-05379 24-05379 21-05422 21-05389 21-05389 21-05357 21-05425 21-05425 21-05425 21-05418 21-05422 21-05418	0121-97-1221 0121-97-1222 0121-97-1223 0121-97-1224 0121-97-1225 0121-97-1227 0121-97-1229 0121-97-1230 0121-97-1231 0121-97-1232 0121-97-1233 0121-97-1234 0121-97-1237 0121-97-1240 0121-97-1241	Potassium	The results for this analyte should be regarded as estimated (J) because the results were less than the PQL, but greater than the MDL.
3036R	21-05425 21-05389 21-05389 21-05357 21-05425 21-05425 21-05425 21-05404 21-05404 21-05418	0121-97-1222 0121-97-1229 0121-97-1230 0121-97-1231 0121-97-1232 0121-97-1233 0121-97-1234 0121-97-1235 0121-97-1239 0121-97-1241	Vanadium	The results for this analyte should be regarded as estimated (J) because the results were less than the PQL, but greater than the MDL.
3896R	21-05511	0121-97-1452	Cadmium	The result for this analyte should be regarded as not detected (U) because the result was less than five times the related analyte found in the blank.
3896R	21-05511 21-05512 21-05513 21-05514	0121-97-1452 0121-97-1453 0121-97-1454 0121-97-1455	Antimony	The reporting limits for this analyte should be regarded as estimated (UJ) because the spike percent recovery values were greater than 30% and less than the LAL.
3896R	21-05511 21-05512 21-05513 21-05514	0121-97-1452 0121-97-1453 0121-97-1454 0121-97-1455	Arsenic, Beryllium, Cobalt, Magnesium, Nickel, Potassium, Sodium, Vanadium	The results for these analytes should be regarded as estimated (J) because the results were less than the PQL, but greater than the MDL.
3896R	21-05513	0121-97-1454	Barium, Chromium	The result for these analytes should be regarded as estimated (J) because the result was less than the PQL, but greater than the MDL.
3896R	21-05512 21-05513	0121-97-1453 0121-97-1454	Copper	The results for this analyte should be regarded as estimated (J) because the results were less than the PQL, but greater than the MDL.
3896R	21-05511	0121-97-1452	Thallium	The result for this analyte should be regarded as estimated (J) because the result was less than the PQL, but greater than the MDL.

Table C-5.2 (cont.)

Request Number	Location	Sample ID	Analyte	Explanation
4854R	21-10514 21-10515 21-10514 21-10513 21-10512 21-10511 21-10510 21-10509 21-10508 21-10507 21-10506 21-10504 21-10505 21-10503 21-10502 21-10501	MD21-98-0034 MD21-98-0035 MD21-98-0036 MD21-98-0037 MD21-98-0038 MD21-98-0039 MD21-98-0040 MD21-98-0041 MD21-98-0042 MD21-98-0043 MD21-98-0044 MD21-98-0045 MD21-98-0046 MD21-98-0047 MD21-98-0048 MD21-98-0049	Manganese	The results for this analyte should be regarded as estimated and biased low (J-) because the spike percent recovery values were greater than 30% and less than the LAL.
4854R	21-10513	MD21-98-0037	Antimony	The reporting limit for this analyte should be regarded as estimated (UJ) because the spike percent recovery value was greater than 30% and less than the LAL.
8295R	21-11191	MD21-01-0001	Magnesium	The result for this analyte should be regarded as estimated and biased low (J-) because the spike percent recovery value was greater than 30% and less than the LAL.
8295R	21-11192	MD21-01-0002	Manganese	The result for this analyte should be regarded as estimated and biased low (J-) because the spike percent recovery value was greater than 30% and less than the LAL.
8295R	21-11191	MD21-01-0001	Cadmium	The result for this analyte should be regarded as estimated and biased high (J+) because the matrix spike value was greater than 125%.
8295R	21-11192	MD21-01-0002	Mercury	The result for this analyte should be regarded as estimated (J) because the result was less than the PQL, but greater than the MDL.
8295R	21-11191 21-11192	MD21-01-0001 MD21-01-0002	Thallium	The results for this analyte should be regarded as estimated (J) because the results were less than the PQL, but greater than the MDL.
8305R	21-11191 21-11192 21-11193	MD21-01-0003 MD21-01-0004 MD21-01-0005	Chromium	The results for this analyte should be regarded as estimated (J) because the analytical results compared to their analytical duplicates exceeded the RPD criteria.
8305R	21-11191 21-11192 21-11193	MD21-01-0003 MD21-01-0004 MD21-01-0005	Beryllium, Cobalt	The results for these analytes should be regarded as estimated (J) because the results were less than the PQL, but greater than the MDL.
8305R	21-11191	MD21-01-0003	Mercury	The result for this analyte should be regarded as estimated (J) because the result was less than the PQL, but greater than the MDL.
8305R	21-11193	MD21-01-0005	Nickel	The result for this analyte should be regarded as estimated (J) because the result was less than the PQL, but greater than the MDL.

Table C-5.2 (cont.)

Request Number	Location	Sample ID	Analyte	Explanation
8354R	21-11193 21-11194 21-11194	MD21-01-0007 MD21-01-0008 MD21-01-0009	Antimony	The results for this analyte should be regarded as estimated (UJ) because the spike percent recovery values were greater than 30% and less than the LAL.
8354R	21-11193 21-11194 21-11194	MD21-01-0007 MD21-01-0008 MD21-01-0009	Beryllium	The results for this analyte should be regarded as estimated (J) because the results were less than the PQL, but greater than the MDL.
8354R	21-11194	MD21-01-0008	Cadmium, Mercury, Silver, Thallium	The result for these analytes should be regarded as estimated (J) because the result was less than the PQL, but greater than the MDL.
8354R	21-11193 21-11194	MD21-01-0007 MD21-01-0009	Cobalt	The results for this analyte should be regarded as estimated (J) because the results were less than the PQL, but greater than the MDL.
8367R	21-11195 21-11195 21-11196 21-11196	MD21-01-0011 MD21-01-0012 MD21-01-0013 MD21-01-0014	Aluminum, Chromium, Copper, Iron, Potassium	The results for these analytes should be regarded as estimated (J) because the analytical results compared to their analytical duplicates exceed the RPD criteria.
8367R	21-11195 21-11196 21-11196	MD21-01-0011 MD21-01-0013 MD21-01-0014	Sodium	The results for this analyte should be regarded as estimated (J) because the analytical results compared to their analytical duplicates exceed the RPD criteria.
8367R	21-11196 21-11196	MD21-01-0013 MD21-01-0014	Beryllium	The results for this analyte should be regarded as estimated (J) because the results were less than the PQL, but greater than the MDL.
8367R	21-11196	MD21-01-0013	Cadmium	The result for this analyte should be regarded as estimated (J) because the result was less than the PQL, but greater than the MDL.
8367R	21-11196	MD21-01-0014	Cobalt	The result for this analyte should be regarded as estimated (J) because the result was less than the PQL, but greater than the MDL.
8367R	21-11195	MD21-01-0011	Mercury	The result for this analyte should be regarded as estimated (J) because the result was less than the PQL, but greater than the MDL.
8367R	21-11195 21-11195 21-11196	MD21-01-0011 MD21-01-0012 MD21-01-0013	Selenium	The results for this analyte should be regarded as estimated (J) because the results were less than the PQL, but greater than the MDL.
8367R	21-11195 21-11196 21-11196	MD21-01-0011 MD21-01-0013 MD21-01-0014	Silver	The results for this analyte should be regarded as estimated (J) because the results were less than the PQL, but greater than the MDL.
8375R	21-11197 21-11197 21-11198 21-11198 21-11199 21-11199	MD21-01-0015 MD21-01-0016 MD21-01-0017 MD21-01-0018 MD21-01-0019 MD21-01-0020	Beryllium, Cobalt	The results for these analytes should be regarded as estimated (J) because the results were less than the PQL, but greater than the MDL.
8375R	21-11198	MD21-01-0017	Cadmium, Mercury	The result for these analytes should be regarded as estimated (J) because the result was less than the PQL, but greater than the MDL.

Table C-5.2 (cont.)

Request Number	Location	Sample ID	Analyte	Explanation
8375R	21-11198 21-11199	MD21-01-0017 MD21-01-0019	Silver	The results for this analyte should be regarded as estimated (J) because the results were less than the PQL, but greater than the MDL.
8389R	21-11200 21-11200 21-11200	MD21-01-0054 MD21-01-0055 MD21-01-0056	Beryllium	The results for this analyte should be regarded as estimated (J) because the results were less than the PQL, but greater than the MDL.
8389R	21-11200 21-11200	MD21-01-0054 MD21-01-0055	Cobalt	The results for this analyte should be regarded as estimated (J) because the results were less than the PQL, but greater than the MDL.
8389R	21-11200	MD21-01-0054	Thallium	The result for this analyte should be regarded as estimated (J) because the result was less than the PQL, but greater than the MDL.
9637R	21-11216 21-11216	MD21-01-0302 MD21-01-0303	Manganese, Thallium	The results for these analytes should be regarded as estimated and biased low (J-) because the spike percent recovery values were greater than 30% and less than the LAL.
9637R	21-11216 21-11216	MD21-01-0302 MD21-01-0303	Aluminum	The results for this analyte should be regarded as estimated and biased high (J+) because the matrix spike values were greater than 125%.
9637R	21-11216 21-11216	MD21-01-0302 MD21-01-0303	Arsenic, Barium, Beryllium, Calcium	The results for these analytes should be regarded as estimated (J) because the results were less than the PQL, but greater than the MDL.
9637R	21-11216	MD21-01-0303	Copper, Potassium	The result for these analytes should be regarded as estimated (J) because the result was less than the PQL, but greater than the MDL.
9637R	21-11216	MD21-01-0302	Mercury, Selenium, Silver	The result for these analytes should be regarded as estimated (J) because the result was less than the PQL, but greater than the MDL.
9637R	21-11216 21-11216	MD21-01-0302 MD21-01-0303	Magnesium, Sodium, Vanadium	The results for these analytes should be regarded as not detected (U) because the results were greater than the PQL, but less than or equal to five times the concentration of the related analyte in the blank.
9644R	21-11217 21-11216 21-11217 21-11218 21-11218	MD21-01-0308 MD21-01-0309 MD21-01-0313 MD21-01-0314 MD21-01-0315	Sodium, Vanadium	The results for these analytes should be regarded as not detected (U) because the results were greater than the PQL, but less than or equal to five times the concentration of the related analyte in the blank.
9644R	21-11217 21-11218 21-11218	MD21-01-0313 MD21-01-0314 MD21-01-0315	Magnesium	The results for this analyte should be regarded as not detected (U) because the results were greater than the PQL, but less than or equal to five times the concentration of the related analyte in the blank.
9644R	21-11216 21-11217 21-11218 21-11218	MD21-01-0309 MD21-01-0313 MD21-01-0314 MD21-01-0315	Thallium	The results for this analyte should be regarded as not detected (U) because the results were greater than the PQL, but less than or equal to five times the concentration of the related analyte in the blank.

Table C-5.2 (cont.)

Request Number	Location	Sample ID	Analyte	Explanation
9644R	21-11216	MD21-01-0309	Magnesium	The result for this analyte should be regarded as estimated and biased low (J-) because the spike percent recovery value was greater than 30% and less than the LAL.
9644R	21-11217 21-11217 21-11218 21-11218	MD21-01-0308 MD21-01-0313 MD21-01-0314 MD21-01-0315	Manganese	The results for this analyte should be regarded as estimated and biased low (J-) because the spike percent recovery values were greater than 30% and less than the LAL.
9644R	21-11217	MD21-01-0308	Thallium	The result for this analyte should be regarded as estimated and biased low (J-) because the spike percent recovery value was greater than 30% and less than the LAL.
9644R	21-11217 21-11216 21-11217 21-11218 21-11218	MD21-01-0308 MD21-01-0309 MD21-01-0313 MD21-01-0314 MD21-01-0315	Aluminum	The results for this analyte should be regarded as estimated and biased high (J+) because the matrix spike values were greater than 125%.
9644R	21-11216 21-11217 21-11218 21-11218	MD21-01-0309 MD21-01-0313 MD21-01-0314 MD21-01-0315	Barium, Copper	The results for these analytes should be regarded as estimated (J) because the results were less than the PQL, but greater than the MDL.
9644R	21-11217 21-11218 21-11218	MD21-01-0313 MD21-01-0314 MD21-01-0315	Calcium	The results for this analyte should be regarded as estimated (J) because the results were less than the PQL, but greater than the MDL.
9644R	21-11218	MD21-01-0314	Potassium	The result for this analyte should be regarded as estimated (J) because the result was less than the PQL, but greater than the MDL.
9644R	21-11217 21-11216 21-11218	MD21-01-0308 MD21-01-0309 MD21-01-0314	Selenium	The results for this analyte should be regarded as estimated (J) because the results were less than the PQL, but greater than the MDL.
9666R	21-11219 21-11219 21-11221 21-11219 21-11220 21-11220 21-11221	MD21-01-0300 MD21-02-0301 MD21-02-0304 MD21-02-0306 MD21-02-0307 MD21-02-0310 MD21-02-0311	Thallium	The results for this analyte should be regarded as not detected (U) because the results were greater than the PQL, but less than or equal to five times the concentration of the related analyte in the blank.
9666R	21-11218 21-11217 21-11219 21-11219 21-11221 21-11219 21-11220 21-11220 21-11221	MD21-01-0298 MD21-01-0299 MD21-01-0300 MD21-02-0301 MD21-02-0304 MD21-02-0306 MD21-02-0307 MD21-02-0310 MD21-02-0311	Copper	The results for this analyte should be regarded as estimated (J) because the analytical results compared to their analytical duplicates exceeded the RPD criteria.

Table C-5.2 (cont.)

Request Number	Location	Sample ID	Analyte	Explanation
9666R	21-11218 21-11217 21-11219 21-11219 21-11221 21-11219 21-11220 21-11220 21-11221	MD21-01-0298 MD21-01-0299 MD21-01-0300 MD21-02-0301 MD21-02-0304 MD21-02-0306 MD21-02-0307 MD21-02-0310 MD21-02-0311	Manganese	The results for this analyte should be regarded as estimated and biased low (J-) because the spike percent recovery values were greater than 30% and less than the LAL.
9666R	21-11218 21-11217 21-11219 21-11221 21-11220 21-11221	MD21-01-0298 MD21-01-0299 MD21-01-0300 MD21-02-0304 MD21-02-0310 MD21-02-0311	Selenium	The results for this analyte should be regarded as estimated and biased low (J-) because the spike percent recovery values were greater than 30% and less than the LAL.
9666R	21-11218	MD21-01-0298	Thallium	The result for this analyte should be regarded as estimated and biased low (J-) because the spike percent recovery value was greater than 30% and less than the LAL.
9666R	21-11219 21-11220	MD21-02-0306 MD21-02-0307	Selenium	The reporting limits for this analyte should be regarded as estimated (UJ) because the spike percent recovery values were greater than 30% and less than the LAL.
9666R	21-11218 21-11217 21-11219 21-11219 21-11221 21-11219 21-11220 21-11220 21-11221	MD21-01-0298 MD21-01-0299 MD21-01-0300 MD21-02-0301 MD21-02-0304 MD21-02-0306 MD21-02-0307 MD21-02-0310 MD21-02-0311	Aluminum	The results for this analyte should be regarded as estimated and biased high (J+) because the matrix spike values were greater than 125%.
9666R	21-11218 21-11217 21-11219 21-11219 21-11221 21-11219 21-11220 21-11220 21-11221	MD21-01-0298 MD21-01-0299 MD21-01-0300 MD21-02-0301 MD21-02-0304 MD21-02-0306 MD21-02-0307 MD21-02-0310 MD21-02-0311	Sodium	The results for this analyte should be regarded as estimated (J) because the results were less than the PQL, but greater than the MDL.
9666R	21-11218 21-11219 21-11219 21-11221 21-11219 21-11221	MD21-01-0298 MD21-01-0300 MD21-02-0301 MD21-02-0304 MD21-02-0306 MD21-02-0311	Arsenic	The results for this analyte should be regarded as estimated (J) because the results were less than the PQL, but greater than the MDL.
9666R	21-11218 21-11217 21-11219 21-11221	MD21-01-0298 MD21-01-0299 MD21-02-0301 MD21-02-0304	Barium, Magnesium	The results for these analytes should be regarded as estimated (J) because the results were less than the PQL, but greater than the MDL.

Table C-5.2 (cont.)

Request Number	Location	Sample ID	Analyte	Explanation
9666R	21-11218 21-11217 21-11219 21-11221 21-11219	MD21-01-0298 MD21-01-0299 MD21-02-0301 MD21-02-0304 MD21-02-0306	Beryllium, Vanadium	The results for these analytes should be regarded as estimated (J) because the results were less than the PQL, but greater than the MDL.
9666R	21-11220	MD21-02-0310	Cadmium	The result for this analyte should be regarded as estimated (J) because the result was less than the PQL, but greater than the MDL.
9666R	21-11217 21-11219 21-11219 21-11220 21-11220 21-11221	MD21-01-0299 MD21-01-0300 MD21-02-0306 MD21-02-0307 MD21-02-0310 MD21-02-0311	Cobalt	The results for this analyte should be regarded as estimated (J) because the results were less than the PQL, but greater than the MDL.
9666R	21-11221	MD21-02-0311	Nickel	The result for this analyte should be regarded as estimated (J) because the result was less than the PQL, but greater than the MDL.
9666R	21-11217 21-11219	MD21-01-0299 MD21-02-0306	Potassium	The results for this analyte should be regarded as estimated (J) because the results were less than the PQL, but greater than the MDL.
9666R	21-11219	MD21-02-0301	Selenium	The result for this analyte should be regarded as estimated (J) because the result was less than the PQL, but greater than the MDL.
9666R	21-11217	MD21-01-0299	Thallium	The result for this analyte should be regarded as estimated (J) because the result was less than the PQL, but greater than the MDL.
132S	21-11199	MD21-01-0522	Antimony	The result for this analyte should be regarded as not detected (U) because the result was greater than the PQL, but less than or equal to five times the concentration of the related analyte in the blank.
132S	21-11222 21-11222 21-11222 21-11195	MD21-01-0523 MD21-01-0524 MD21-01-0525 MD21-01-0526	Antimony	The reporting limits for this analyte should be regarded as estimated (UJ) because the spike percent recovery values were greater than 30% and less than the LAL.
132S	21-11222	MD21-01-0523	Cadmium, Selenium	The result for these analytes should be regarded as estimated (J) because the result was less than the PQL, but greater than the MDL.
132S	21-11199 21-11195	MD21-01-0522 MD21-01-0526	Cobalt	The results for this analyte should be regarded as estimated (J) because the results were less than the PQL, but greater than the MDL.
132S	21-11222 21-11222	MD21-01-0523 MD21-01-0525	Mercury	The results for this analyte should be regarded as estimated (J) because the results were less than the PQL, but greater than the MDL.
132S	21-11199 21-11222 21-11222 21-11222	MD21-01-0522 MD21-01-0523 MD21-01-0524 MD21-01-0525	Silver	The results for this analyte should be regarded as estimated (J) because the results were less than the PQL, but greater than the MDL.

Table C-5.2 (cont.)

Request Number	Location	Sample ID	Analyte	Explanation
132S	21-11222 21-11222	MD21-01-0523 MD21-01-0524	Thallium	The results for this analyte should be regarded as estimated (J) because the results were less than the PQL, but greater than the MDL.
1289S	21-02-1260 21-02-1261 21-02-1261 21-02-1262 21-02-1264 21-02-1264 21-02-1265 21-02-1266 21-02-1267 21-02-1268 21-02-1261	MD21-02-49583 MD21-02-49585 MD21-02-49586 MD21-02-49587 MD21-02-49591 MD21-02-49592 MD21-02-49593 MD21-02-49595 MD21-02-49598 MD21-02-49599 MD21-02-49603	Selenium	The results for this analyte should be regarded as not detected (U) because the results were greater than the PQL, but less than or equal to five times the concentration of the related analyte in the blank.
1289S	21-02-1260 21-02-1261 21-02-1261 21-02-1263 21-02-1264 21-02-1264 21-02-1266 21-02-1261	MD21-02-49583 MD21-02-49585 MD21-02-49586 MD21-02-49589 MD21-02-49591 MD21-02-49592 MD21-02-49595 MD21-02-49603	Antimony	The results for this analyte should be regarded as estimated and biased low (J-) because the spike percent recovery values were greater than 30% and less than the LAL.
1289S	21-02-1262 21-02-1265 21-02-1267 21-02-1267 21-02-1268	MD21-02-49587 MD21-02-49593 MD21-02-49597 MD21-02-49598 MD21-02-49599	Antimony	The reporting limits for this analyte should be regarded as estimated (UJ) because the spike percent recovery values were greater than 30% and less than the LAL.
1289S	21-02-1260	MD21-02-49583	Nickel, Potassium	The result for these analytes should be regarded as estimated (J) because the serial dilution sample RPD was greater than 10 and the sample result was greater than 50 times the MDL.
1289S	21-02-1260 21-02-1262 21-02-1263 21-02-1264 21-02-1265 21-02-1267 21-02-1267	MD21-02-49583 MD21-02-49587 MD21-02-49589 MD21-02-49592 MD21-02-49593 MD21-02-49597 MD21-02-49598	Cadmium	The results for this analyte should be regarded as estimated (J) because the results were less than the PQL, but greater than MDL.
1289S	21-02-1263	MD21-02-49589	Perchlorate	The result for this analyte should be regarded as estimated (J) because the result was less than the PQL, but greater than MDL.
1289S	21-02-1260 21-02-1261 21-02-1262 21-02-1263 21-02-1264 21-02-1265 21-02-1266 21-02-1267 21-02-1267 21-02-1268	MD21-02-49583 MD21-02-49586 MD21-02-49587 MD21-02-49589 MD21-02-49592 MD21-02-49593 MD21-02-49595 MD21-02-49597 MD21-02-49598 MD21-02-49599	Silver	The results for this analyte should be regarded as estimated (J) because the results were less than the PQL, but greater than MDL.

Table C-5.2 (cont.)

Request Number	Location	Sample ID	Analyte	Explanation
1289S	21-02-1260 21-02-1261 21-02-1262 21-02-1264	MD21-02-49583 MD21-02-49586 MD21-02-49587 MD21-02-49592	Thallium	The results for this analyte should be regarded as estimated (J) because the results were less than the PQL, but greater than MDL.

C-5.2 Organic Data Review

The analytical results for organic samples collected at SWMU 21-024(i) are discussed below. See Table C-5.3 for more details.

Request 15406. Environmental Sciences and Engineering, Inc. analyzed four samples for SVOCs.

- SVOCs - No target analytes were detected in the blank. All initial and continuing calibration verifications met acceptance criteria. All surrogate recoveries met acceptance criteria. The extraction and analysis holding times were met.

Request 2930. Analytical Technologies, Inc. analyzed two samples for VOCs and SVOCs.

- VOCs – The results for methylene chloride should be regarded as not detected (U) because the results were greater than the estimated quantitation limit (EQL) and less than or equal to five times the concentration of the related analyte found in the method blank. All initial and continuing calibration verifications met acceptance criteria. All surrogate recoveries met acceptance criteria. The extraction and analysis holding times were met. The results for acetone should be regarded as estimated (J) because the results were less than the practical quantitation limit (PQL), but greater than the method detection limit (MDL).
- SVOCs - No target analytes were detected in the blank. All initial and continuing calibration verifications met acceptance criteria. All surrogate recoveries met acceptance criteria. The extraction and analysis holding times were met.

Request 2935. Kemron analyzed two samples for VOCs and SVOCs.

- VOCs - No target analytes were detected in the blank. All initial and continuing calibration verifications met acceptance criteria. All surrogate recoveries met acceptance criteria. The extraction and analysis holding times were met.
- SVOCs - No target analytes were detected in the blank. All initial and continuing calibration verifications met acceptance criteria. All surrogate recoveries met acceptance criteria. The extraction and analysis holding times were met.

Request 4853R. Kemron analyzed sixteen samples for SVOCs, PCBs, and Pests.

- SVOCs - No target analytes were detected in the blank. All initial and continuing calibration verifications met acceptance criteria. All surrogate recoveries met acceptance criteria. The extraction and analysis holding times were met.
- PCBs - No target analytes were detected in the blank. All initial and continuing calibration verifications met acceptance criteria. All surrogate recoveries met acceptance criteria. The extraction and analysis holding times were met.

- Pests - No target analytes were detected in the blank. All initial and continuing calibration verifications met acceptance criteria. All surrogate recoveries met acceptance criteria. The extraction and analysis holding times were met.

Request 8294R. Severn Trent Laboratories, Inc. analyzed two samples for VOCs, SVOCs, PCBs and Pests.

- VOCs – No target analytes were detected in the blank. The results/reporting limits for several analytes are qualified as estimated for detects (J) and non-detects (UJ) because the associated IS area counts were less than 50% but greater than 10% of the previous continuing calibration standard, refer to Table C-5.3 for list of analytes. The results/reporting limits for acetone and bromomethane are qualified as estimated for detects (J) and non-detects (UJ) because the initial/continuing calibration exceeded criteria, refer to Table C-5.3 for list of analytes. All surrogate recoveries met acceptance criteria. The extraction and analysis holding times were met. The results for 2-butanone and toluene should be regarded as estimated (J) because the results were less than the PQL, but greater than the MDL.
- SVOCs – No target analytes were detected in the blank. The result for acenaphthene and benzoic acid should be regarded as estimated (J) because the associated IS area counts show greater than 200% recovery when compared to the area counts in the applicable continuing calibration standard. The reporting limits for 2,4-dinitrophenol, di-n-octylphthalate and hexachloroethane should be regarded as estimated (UJ) because the initial/continuing calibration exceeded criteria. All surrogate recoveries met acceptance criteria. The extraction and analysis holding times were met. The result for several analytes should be regarded as estimated (J) because result was less than the PQL, but greater than the MDL, refer to Table C-5.3 for list of analytes.
- PCBs - No target analytes were detected in the blank. All initial and continuing calibration verifications met acceptance criteria. All surrogate recoveries met acceptance criteria. The extraction and analysis holding times were met.
- Pests – No target analytes were detected in the blank. All initial and continuing calibration verifications met acceptance criteria. The reporting limits for gamma-BHC and dieldrin should be regarded as estimated (UJ) because the associated LCS percent recoveries were less than 70% recovery but greater than or equal to 10% recovery. The extraction and analysis holding times were met.

Request 8304R. Severn Trent Laboratories, Inc. analyzed three samples for VOCs, SVOCs, PCBs and Pests.

- VOCs – No target analytes were detected in the blank. The results/reporting limits for acetone and bromomethane are qualified as estimated for detects (J) and non-detects (UJ) because the initial/continuing calibration exceeded criteria, refer to Table C-5.3 for list of analytes. The results/reporting limits for several analytes are qualified as estimated for detects (J) and non-detects (UJ) because the associated IS area count was less than 50% but greater than 10% of the previous continuing calibration standard, refer to Table C-5.3 for list of analytes. All surrogate recoveries met acceptance criteria. The extraction and analysis holding times were met. The results for 2-butanone should be regarded as estimated (J) because results were less than the PQL, but greater than the MDL.
- SVOCs – No target analytes were detected in the blank. The reporting limits for hexachloroethane and 2,4-dinitrophenol should be regarded as estimated (UJ) because the initial/continuing calibration exceeded criteria. All surrogate recoveries met acceptance criteria. The extraction and analysis holding times were met.

- PCBs - No target analytes were detected in the blank. All initial and continuing calibration verifications met acceptance criteria. All surrogate recoveries met acceptance criteria. The extraction and analysis holding times were met.
- Pests – No target analytes were detected in the blank. All initial and continuing calibration verifications met acceptance criteria. The reporting limits for gamma-BHC and dieldrin should be regarded as estimated (UJ) because the associated LCS percent recoveries were less than the 70% recovery but greater than or equal to 10% recovery. The reporting limits for several analytes should be regarded as estimated (UJ) because the associated surrogates were recovered below the LAL but greater than or equal to 10% recovery. The extraction and analysis holding times were met.

Request 8353R. Severn Trent Laboratories, Inc. analyzed four samples for VOCs, SVOCs and Pest/PCBs.

- VOCs – No target analytes were detected in the blank. The results/reporting limit for acetone are qualified as estimated for detects (J) and non-detects (UJ) because the initial/continuing calibration exceeded criteria, refer to Table C-5.3 for list of analytes. All surrogate recoveries met acceptance criteria. The extraction and analysis holding times were met. The results for 2-butanone and trichlorofluoromethane should be regarded as estimated (J) because the results were less than the PQL, but greater than the MDL.
- SVOCs – No target analytes were detected in the blank. The reporting limits for hexachloroethane should be regarded as estimated (UJ) because the initial/continuing calibration exceeded criteria. The reporting limit for several analytes should be regarded as estimated (UJ) because two or more surrogates were greater than or equal to 10% recovery but less than the LAL, refer to Table C-5.3. The extraction and analysis holding times were met.
- Pest/PCBs – No target analytes were detected in the blank. All initial and continuing calibration verifications met acceptance criteria. The reporting limits for aldrin, endrin and heptachlor should be regarded as estimated (UJ) because the associated LCS percent recoveries were less than 70% recovery but greater than or equal to 10% recovery. The reporting limits for several analytes should be regarded as estimated (UJ) because the associated surrogates were recovered below the LAL but greater than or equal to 10% recovery, refer to Table C-5.3 for list of analytes. The extraction and analysis holding times were met.

Request 8366R. Severn Trent Laboratories, Inc. analyzed four samples for VOCs, SVOCs and Pest/PCBs.

- VOCs – No target analytes were detected in the blank. The results/reporting limits for several analytes are qualified as estimated for detects (J) and non-detects (UJ) because the associated IS area counts were less than 50% but greater than 10% of the previous continuing calibration standard, refer to Table C-5.3 for list of analytes. All surrogate recoveries met acceptance criteria. The extraction and analysis holding times were met. The results for acetone and 2-butanone should be regarded as estimated (J) because the results were less than the PQL, but greater than the MDL.
- SVOCs – No target analytes were detected in the blank. The reporting limits for several analytes should be regarded as estimated (UJ) because two or more surrogates were greater than or equal to 10% recovery but less than the LAL, refer to Table C-5.3. The reporting limits for several analytes should be regarded as estimated (UJ) because the initial/continuing

calibration exceeded criteria, refer to Table C-5.3. All surrogate recoveries met acceptance criteria. The extraction and analysis holding times were met.

- Pest/PCBs - No target analytes were detected in the blank. All initial and continuing calibration verifications met acceptance criteria. All surrogate recoveries met acceptance criteria. The extraction and analysis holding times were met.

Request 8374R. Severn Trent Laboratories, Inc. analyzed six samples for VOCs, SVOCs and Pest/PCBs.

- VOCs – No target analytes were detected in the blank. All initial and continuing calibration verifications met acceptance criteria. The result for 2-butanone and acetone should be regarded as estimated and biased high (J+) because the sample surrogate recovery was greater than the UAL. The extraction and analysis holding times were met. The result for 2-butanone should be regarded as estimated (J) because the result was less than the PQL, but greater than the MDL.
- SVOCs – No target analytes were detected in the blank. The reporting limits for benzoic acid should be regarded as estimated (UJ) because the initial/continuing calibration exceeded criteria. The reporting limits for several analytes should be regarded as estimated (UJ) because two or more surrogates were greater than or equal to 10% recovery values but less than the LAL, refer to Table C-5.3 for list of analytes. The extraction and analysis holding times were met.
- Pest/PCBs – No target analytes were detected in the blank. All initial and continuing calibration verifications met acceptance criteria. The reporting limits for aldrin, endrin and heptachlor should be regarded as estimated (UJ) because the associated LCS percent recovery values were less than 70% recovery but greater than or equal to 10% recovery. The reporting limits for several analytes should be regarded as estimated (UJ) because the associated surrogates were recovered below the LAL but greater than or equal to 10% recovery, see Table C-5.3 for list of analytes. The extraction and analysis holding times were met.

Request 8388R. Severn Trent Laboratories, Inc. analyzed three samples for VOCs, SVOCs and Pest/PCBs.

- VOCs – No target analytes were detected in the blank. All surrogate recoveries met acceptance criteria. The extraction and analysis holding times were met. The results for acetone and trichlorofluoromethane should be regarded as estimated (J) because the results were less than the PQL, but greater than the MDL.
- SVOCs – No target analytes were detected in the blank. All initial and continuing calibration verifications met acceptance criteria. The reporting limits for several analytes should be regarded as estimated (UJ) because two or more surrogates were greater than or equal to 10% recovery but less than the LAL, see Table C-5.3 for list of analytes. The extraction and analysis holding times were met.
- Pest/PCBs – No target analytes were detected in the blank. All initial and continuing calibration verifications met acceptance criteria. All surrogate recoveries met acceptance criteria. The extraction and analysis holding times were met.

Request 9636R. Severn Trent Laboratories, Inc. analyzed two samples for VOCs, SVOCs, PCBs and Pests.

- VOCs – No target analytes were detected in the blank. All surrogate recoveries met acceptance criteria. The extraction and analysis holding times were met. The results for

tetrachloroethene should be regarded as estimated (J) because the results were less than the PQL, but greater than the MDL.

- SVOCs – No target analytes were detected in the blank. The reporting limits for 2,4-dinitrophenol should be regarded as estimated (UJ) because the initial/continuing calibration exceeded criteria. All surrogate recoveries met acceptance criteria. The extraction and analysis holding times were met.
- PCBs – No target analytes were detected in the blank. All initial and continuing calibration verifications met acceptance criteria. All surrogate recoveries met acceptance criteria. The extraction and analysis holding times were met.
- Pests - No target analytes were detected in the blank. All initial and continuing calibration verifications met acceptance criteria. All surrogate recoveries met acceptance criteria. The extraction and analysis holding times were met.

Request 9643R. Severn Trent Laboratories, Inc. analyzed six samples for VOCs, SVOCs, PCBs and Pests.

- VOCs – No target analytes were detected in the blank. The reporting limits for acetone should be regarded as estimated (UJ) because the initial/continuing calibration exceeded criteria. All surrogate recoveries met acceptance criteria. The extraction and analysis holding times were met.
- SVOCs – No target analytes were detected in the blank. The reporting limits for 2,4-dinitrophenol, benzo(g,h,l)perylene, and indeno(1,2,3-cd)pyrene should be regarded as estimated (UJ) because the initial/continuing calibration exceeded criteria. All surrogate recoveries met acceptance criteria. The extraction and analysis holding times were met.
- PCBs – No target analytes were detected in the blank. All initial and continuing calibration verifications met acceptance criteria. All surrogate recoveries met acceptance criteria. The extraction and analysis holding times were met.
- Pests - No target analytes were detected in the blank. All initial and continuing calibration verifications met acceptance criteria. All surrogate recoveries met acceptance criteria. The extraction and analysis holding times were met.

Request 9665R. Severn Trent Lab analyzed nine samples for VOCs, SVOCs, PCBs and Pests.

- VOCs – No target analytes were detected in the blank. All initial and continuing calibration verifications met acceptance criteria. All surrogate recoveries met acceptance criteria. The extraction and analysis holding times were met. The results for acetone should be regarded as estimated (J) because the results were less than the PQL, but greater than the MDL.
- SVOCs - No target analytes were detected in the blank. The reporting limits for 2,4-dinitrophenol should be regarded as estimated (UJ) because the initial/continuing calibration exceeded criteria. All surrogate recoveries met acceptance criteria. The extraction and analysis holding times were met. The results for benzoic Acid should be regarded as estimated (J) because the results were less than the PQL, but greater than the MDL.
- PCBs – No target analytes were detected in the blank. All initial and continuing calibration verifications met acceptance criteria. All surrogate recoveries met acceptance criteria. The extraction and analysis holding times were met.
- Pests - No target analytes were detected in the blank. All initial and continuing calibration verifications met acceptance criteria. All surrogate recoveries met acceptance criteria. The extraction and analysis holding times were met.

Request 131S. General Engineering Laboratories, Inc. analyzed five samples for VOCs, SVOCs, PCBs and Pests.

- VOCs – The results for 1,2-dichlorobenzene should be regarded as not detected (U) because the results were greater than the EQL and less than or equal to five times the concentration of the related analyte found in the method blank. The reporting limits for several analytes should be regarded as estimated (UJ) because the initial/continuing calibration exceeded criteria, refer to Table C-5.3 for list of analytes. All surrogate recoveries met acceptance criteria. The extraction and analysis holding times were met. The results for benzene and toluene should be regarded as estimated (J) because the results were less than the PQL, but greater than the MDL.
- SVOCs – No target analytes were detected in the blank. All initial and continuing calibration verifications met acceptance criteria. All surrogate recoveries met acceptance criteria. The extraction and analysis holding times were met. The results for Bis(2-ethylhexyl)phthalate and fluoranthene should be regarded as estimated (J) because the results were less than the PQL, but greater than the MDL.
- PCBs – No target analytes were detected in the blank. All initial and continuing calibration verifications met acceptance criteria. All surrogate recoveries met acceptance criteria. The reporting limits for several analytes should be regarded as estimated (UJ) because the holding times were exceeded, refer to Table C-5.3 for list of analytes.
- Pests - No target analytes were detected in the blank. All initial and continuing calibration verifications met acceptance criteria. All surrogate recoveries met acceptance criteria. The results/reporting limits for several analytes are qualified as estimated for detects (J-) and non-detects (UJ) because the holding times were exceeded, refer to Table C-5.3 for list of analytes.

Request 1288S. General Engineering Laboratories, Inc. analyzed twelve samples for SVOCs and PCBs.

- SVOCs – No target analytes were detected in the blank. The results/reporting limits for several analytes are qualified as estimated for detects (J) and non-detects (UJ) because the associated IS area counts were less than 50%, but greater than 10% recovery when compared to the area counts in the applicable continuing calibration standard, refer to Table C-5.3 for list of analytes. All surrogate recoveries met acceptance criteria. The extraction and analysis holding times were met. The results for several analytes should be regarded as estimated (J) because the results were less than the PQL, but greater than the MDL, refer to Table C-5.3 for list of analytes.
- PCBs - No target analytes were detected in the blank. All initial and continuing calibration verifications met acceptance criteria. All surrogate recoveries met acceptance criteria. The extraction and analysis holding times were met.

Table C.5-3
Organic Chemical Data Quality Evaluation

Request	Location	Sample ID	Analytical Suite	Analyte	Explanation
2930	21-05112 21-05113	0121-97-0902 0121-97-0903	VOC	Methylene Chloride	The results for this analyte should be regarded as not detected (U) because the results were greater than the estimated quantitation limit (EQL) and less than or equal to five times the concentration of the related analyte found in the method blank.
2930	21-05112 21-05113	0121-97-0902 0121-97-0903	VOC	Acetone	The results for this analyte should be regarded as estimated (J) because the results were less than the practical quantitation limit (PQL), but greater than the method detection limit (MDL).
8294R	21-11191	MD21-01-0001	VOC	Dichlorobenzene [1,4-]	The result for this analyte should be regarded as estimated (J) because the associated IS area count was less than 50% but greater than 10% of the previous continuing calibration standard.
8294R	21-11192	MD21-01-0002	VOC	Trimethylbenzene [1,2,4-]	The result for this analyte should be regarded as estimated (J) because the associated IS area count was less than 50% but greater than 10% of the previous continuing calibration standard.
8294R	21-11191	MD21-01-0001	VOC	Bromobenzene, Butylbenzene[n-], Butylbenzene[sec-], Butylbenzene[tert-], Chlorotoluene[2-], Chlorotoluene[4], Dibromo-3-Chloropropane[1,2-], Dichlorobenzene[1,2-], Dichlorobenzene[1,3-], Isopropylbenzene, Isopropyltoluene[4-], Propylbenzene[1-], Tetrachloroethane[1,1,2,2-], Trichloropropane[1,2,3-], Trimethylbenzene[1,2,4-], Trimethylbenzene[1,3,5-]	The reporting limit for these analytes should be regarded as estimated (UJ) because the associated IS area count was less than 50% but greater than 10% of the previous continuing calibration standard.

Table C.5-3 (cont.)

Request	Location	Sample ID	Analytical Suite	Analyte	Explanation
8294R	21-11192	MD21-01-0002	VOC	Bromoform, Chlorobenzene, Chlorodibromomethane, Dichlorobenzene[1,4-], Dichloropropane[1,3-], Ethylbenzene, Hexanone[2-], Styrene, Tetrachloroethane[1,1,1,2-], Tetrachloroethene, Xylene (Total), Bromobenzene, Butylbenzene[n-], Butylbenzene[sec-], Butylbenzene[tert-], Chlorotoluene[2-], Chlorotoluene[4], Dibromo-3-Chloropropane[1,2-], Dichlorobenzene[1,2-], Dichlorobenzene[1,3-], Isopropylbenzene, Isopropyltoluene[4-], Propylbenzene[1-], Tetrachloroethane[1,1,2,2-], Trichloropropane[1,2,3-], Trimethylbenzene[1,2,4-], Trimethylbenzene[1,3,5-]	The reporting limit for these analytes should be regarded as estimated (UJ) because the associated IS area count was less than 50% but greater than 10% of the previous continuing calibration standard.
8294R	21-11191 21-11192	MD21-01-0001 MD21-01-0002	VOC	Acetone	The results for this analyte should be regarded as estimated (J) because the initial/continuing calibration exceeded criteria.
8294R	21-11191 21-11192	MD21-01-0001 MD21-01-0002	VOC	Bromomethane	The reporting limits for this analyte should be regarded as estimated (UJ) because the initial/continuing calibration exceeded criteria.
8294R	21-11191 21-11192	MD21-01-0001 MD21-01-0002	VOC	Toluene	The results for this analyte should be regarded as estimated (J) because the associated IS area counts were less than 50% or greater than 200% of the previous continuing calibration standard.
8294R	21-11192	MD21-01-0002	SVOC	Acenaphthene, Benzoic Acid	The result for these analytes should be regarded as estimated (J) because the associated IS area count showed greater than 200% recovery when compared to the area counts in the applicable continuing calibration standard.
8294R	21-11191 21-11192	MD21-01-0001 MD21-01-0002	SVOC	Dinitrophenol[2,4-], Di-n-octylphthalate, Hexachloroethane	The reporting limits for these analytes should be regarded as estimated (UJ) because the initial/continuing calibration exceeded criteria.

Table C.5-3 (cont.)

Request	Location	Sample ID	Analytical Suite	Analyte	Explanation
8294R	21-11192	MD21-01-0002	SVOC	Anthracene, Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Bis(2-ethylhexyl)phthalate, Chrysene, Fluoranthene, Phenanthrene, Pyrene	The result for these analytes should be regarded as estimated (J) because the result was less than the PQL, but greater than the MDL.
8294R	21-11191 21-11192	MD21-01-0001 MD21-01-0002	Pest	gamma-BHC, dieldrin	The reporting limits for these analytes should be regarded as estimated (UJ) because the associated LCS percent recoveries were less than the 70% recovery but greater than or equal to 10% recovery.
8304R	21-11191 21-11192 21-11193	MD21-01-0003 MD21-01-0004 MD21-01-0005	VOC	Acetone	The results for this analyte should be regarded as estimated (J) because the initial/continuing calibration exceeded criteria.
8304R	21-11191 21-11192 21-11193	MD21-01-0003 MD21-01-0004 MD21-01-0005	VOC	Bromomethane	The reporting limits for this analyte should be regarded as estimated (UJ) because the initial/continuing calibration exceeded criteria.
8304R	21-11192	MD21-01-0004	VOC	1,2,4-trimethylbenzene, Isopropylbenzene	The result for these analytes should be regarded as estimated (J) because the associated IS area count was less than 50% but greater than 10% of the previous continuing calibration standard.
8304R	21-11192	MD21-01-0004	VOC	Bromobenzene, Butylbenzene[n-], Butylbenzene[sec-], Butylbenzene[tert-], Chlorotoluene[2-], Chlorotoluene[4-], Dibromo-3-Chloropropane[1,2-], Dichlorobenzene[1,2-], Dichlorobenzene[1,3-], Dichlorobenzene[1,4-], Isopropyltoluene[4-], Propylbenzene[1-], Tetrachloroethane[1,1,2,2-], Trichloropropane[1,2,3-], Trimethylbenzene[1,3,5-]	The reporting limit for these analytes should be regarded as estimated (UJ) because the associated IS area count was less than 50% but greater than 10% of the previous continuing calibration standard.

Table C.5-3 (cont.)

Request	Location	Sample ID	Analytical Suite	Analyte	Explanation
8304R	21-11191 21-11193	MD21-01-0003 MD21-01-0005	VOC	Bromobenzene, Butylbenzene[n-], Butylbenzene[sec-], Butylbenzene[tert-], Chlorotoluene[2-], Chlorotoluene[4-], Dibromo-3-Chloropropane[1,2-], Dichlorobenzene[1,2-], Dichlorobenzene[1,3-], Dichlorobenzene[1,4-], Isopropylbenzene, Isopropyltoluene[4-], Propylbenzene[1-], Tetrachloroethane[1,1,2,2-], Trichloropropane[1,2,3-], Trimethylbenzene[1,2,4-], Trimethylbenzene[1,3,5-]	The reporting limits for these analytes should be regarded as estimated (UJ) because the associated IS area counts were less than 50% but greater than 10% of the previous continuing calibration standard.
8304R	21-11192 21-11193	MD21-01-0004 MD21-01-0005	VOC	Butanone [2-]	The results for this analyte should be regarded as estimated (J) because the results were less than the PQL, but greater than the MDL.
8304R	21-11192	MD21-01-0004	SVOC	Dinitrophenol[2,4-], Hexachloroethane	The reporting limit for this analyte should be regarded as estimated (UJ) because the initial/continuing calibration exceeded criteria.
8304R	21-11191 21-11192 21-11193	MD21-01-0003 MD21-01-0004 MD21-01-0005	SVOC	Hexachloroethane	The reporting limits for this analyte should be regarded as estimated (UJ) because the initial/continuing calibration exceeded criteria.
8304R	21-11191 21-11192 21-11193	MD21-01-0003 MD21-01-0004 MD21-01-0005	Pest	BHC [gamma-], Dieldrin	The reporting limits for these analytes should be regarded as estimated (UJ) because the associated LCS percent recoveries were less than 70% recovery but greater than or equal to 10% recovery.
8304R	21-11191 21-11192	MD21-01-0003 MD21-01-0004	Pest	Aldrin, BHC[alpha-], BHC[beta-], BHC[delta-], Chlordane[alpha-], Chlordane[gamma-], DDD[4,4'-], DDE[4,4'-], DDT[4,4'-], Endosulfan I, Endosulfan II, Endosulfan Sulfate, Endrin, Endrin Aldehyde, Endrin Ketone, Heptachlor, Heptachlor Epoxide, Methoxychlor[4,4'-], Toxaphene (Technical Grade)	The reporting limits for these analytes should be regarded as estimated (UJ) because the associated surrogates were recovered below the LAL but greater than or equal to 10% recovery.
8353R	21-11193 21-11194	MD21-01-0007 MD21-01-0009	VOC	Acetone	The results for this analyte should be regarded as estimated (J) because the initial/continuing calibration exceeded criteria.

Table C.5-3 (cont.)

Request	Location	Sample ID	Analytical Suite	Analyte	Explanation
8353R	21-11194	MD21-01-0008	VOC	Acetone	The reporting limit for this analyte should be regarded as estimated (UJ) because the initial/continuing calibration exceeded criteria.
8353R	21-11193 21-11194	MD21-01-0007 MD21-01-0009	VOC	Butanone [2-], Trichlorofluoromethane	The results for these analytes should be regarded as estimated (J) because the results were less than the PQL, but greater than the MDL.
8353R	21-11193 21-11194 21-11194	MD21-01-0007 MD21-01-0008 MD21-01-0009	SVOC	Hexachloroethane	The reporting limits for this analyte should be regarded as estimated (UJ) because the initial/continuing calibration exceeded criteria.
8353R	21-11193	MD21-01-0007	SVOC	Target Analyte List	The reporting limit for these analytes should be regarded as estimated (UJ) because two or more surrogates were greater than or equal to 10% recovery values but less than the LAL.
8353R	21-11193 21-11194	MD21-01-0007 MD21-01-0008	Pest/PCB	Aldrin, Endrin, Heptachlor	The reporting limits for these analytes should be regarded as estimated (UJ) because the associated LCS percent recoveries were less than 70% recovery but greater than or equal to 10% recovery.
8353R	21-11193 21-11194	MD21-01-0007 MD21-01-0008	Pest/PCB	BHC[alpha-], BHC[beta-], BHC[delta-], BHC[gamma-], Chlordane[alpha-], Chlordane[gamma-], DDD[4,4'-], DDE[4,4'-], DDT[4,4'-], Dieldrin, Endosulfan I, Endosulfan II, Endosulfan Sulfate, Endrin Aldehyde, Endrin Ketone, Heptachlor Epoxide, Methoxychlor[4,4'-], Toxaphene (Technical Grade)	The reporting limits for these analytes should be regarded as estimated (UJ) because the associated surrogates were recovered below the LAL but greater than or equal to 10% recovery.
8353R	21-11194	MD21-01-0009	Pest/PCB	Aldrin, Endrin, Heptachlor, BHC[alpha-], BHC[beta-], BHC[delta-], BHC[gamma-], Chlordane[alpha-], Chlordane[gamma-], DDD[4,4'-], DDE[4,4'-], DDT[4,4'-], Dieldrin, Endosulfan I, Endosulfan II, Endosulfan Sulfate, Endrin Aldehyde, Endrin Ketone, Heptachlor Epoxide, Methoxychlor[4,4'-], Toxaphene (Technical Grade)	The reporting limit for these analytes should be regarded as estimated (UJ) because the associated surrogate was recovered below the LAL but greater than or equal to 10% recovery.

Table C.5-3 (cont.)

Request	Location	Sample ID	Analytical Suite	Analyte	Explanation
8366R	21-11195	MD21-01-0011	VOC	Bromomethane	The result for this analyte should be regarded as estimated (J) because the associated IS area count was less than 50% but greater than 10% of the previous continuing calibration standard.
8366R	21-11195	MD21-01-0011	VOC	Butylbenzene[n-], Butylbenzene[sec-], Butylbenzene[tert-], Chlorotoluene[2-], Chlorotoluene[4-], Dibromo-3-Chloropropane[1,2-], Dichlorobenzene[1,2-], Dichlorobenzene[1,3-], Dichlorobenzene[1,4-], Isopropylbenzene, Isopropyltoluene[4-], Propylbenzene[1-], Tetrachloroethane[1,1,2,2-], Trichloropropane[1,2,3-], Trimethylbenzene[1,2,4-], Trimethylbenzene[1,3,5-]	The reporting limit for these analytes should be regarded as estimated (UJ) because the associated IS area count was less than 50% but greater than 10% of the previous continuing calibration standard.
8366R	21-11195 21-11195 21-11196	MD21-01-0011 MD21-01-0012 MD21-01-0013	VOC	Acetone	The results for this analyte should be regarded as estimated (J) because the results were less than the PQL, but greater than the MDL.
8366R	21-11196	MD21-01-0013	VOC	Butanone [2-]	The result for this analyte should be regarded as estimated (J) because the result was less than the PQL, but greater than the MDL.
8366R	21-11195 21-11195	MD21-01-0011 MD21-01-0012	SVOC	Target Analyte List	The reporting limits for these analytes should be regarded as estimated (UJ) because two or more surrogates were greater than or equal to 10% recovery but less than the LAL.
8366R	21-11196	MD21-01-0013	SVOC	Target Analyte List	The reporting limit for these analytes should be regarded as estimated (UJ) because two or more surrogates were greater than or equal to 10% recovery but less than the LAL.
8366R	21-11196	MD21-01-0014	SVOC	Target Analyte List	The reporting limit for these analytes should be regarded as estimated (UJ) because two or more surrogates were greater than or equal to 10% recovery but less than the LAL.

Table C.5-3 (cont.)

Request	Location	Sample ID	Analytical Suite	Analyte	Explanation
8366R	21-11196	MD21-01-0014	SVOC	Chloro-3-methylphenol[4-], Chloroaniline[4-], Dichlorophenol[2,4-], Hexachlorobutadiene, Hexachlorocyclopentadiene, Methylnaphthalene[2-], Naphthalene, Trichlorobenzene[1,2,4-]	The reporting limit for these analytes should be regarded as estimated (UJ) because two or more surrogates were greater than or equal to 10% recovery but less than the LAL.
8366R	21-11196	MD21-01-0013	SVOC	Benzoic Acid	The reporting limit for this analyte should be regarded as estimated (UJ) because the initial/continuing calibration exceeded criteria.
8366R	21-11195 21-11195	MD21-01-0011 MD21-01-0012	SVOC	Benzoic Acid, Chloro-3-methylphenol[4-], Chloroaniline[4-], Dichlorophenol[2,4-], Hexachlorobutadiene, Hexachlorocyclopentadiene, Methylnaphthalene[2-], Naphthalene, Trichlorobenzene[1,2,4-]	The reporting limits for these analytes should be regarded as estimated (UJ) because the initial/continuing calibration exceeded criteria.
8374R	21-11198	MD21-01-0017	VOC	Butanone [2-], Acetone	The result for these analytes should be regarded as estimated and biased high (J+) because the sample surrogate percent recovery was greater than the UAL.
8374R	21-11197	MD21-01-0016	VOC	Butanone [2-]	The result for this analyte should be regarded as estimated (J) because the results were less than the PQL, but greater than the MDL.
8374R	21-11197 21-11197 21-11198 21-11198 21-11199 21-11199	MD21-01-0015 MD21-01-0016 MD21-01-0017 MD21-01-0018 MD21-01-0019 MD21-01-0020	SVOC	Benzoic Acid	The reporting limits for this analyte should be regarded as estimated (UJ) because the initial/continuing calibration exceeded criteria.
8374R	21-11197 21-11197 21-11198 21-11198 21-11199	MD21-01-0015 MD21-01-0016 MD21-01-0017 MD21-01-0018 MD21-01-0019	SVOC	Target Analyte List	The reporting limits for these analytes should be regarded as estimated (UJ) because two or more surrogates were greater than or equal to 10% recovery but less than the LAL.
8374R	21-11197 21-11198 21-11198	MD21-01-0015 MD21-01-0017 MD21-01-0018	Pest	Aldrin, Endrin, Heptachlor	The reporting limits for these analytes should be regarded as estimated (UJ) because the associated LCS percent recoveries were less than 70% recovery but greater than or equal to 10% recovery.

Table C.5-3 (cont.)

Request	Location	Sample ID	Analytical Suite	Analyte	Explanation
8374R	21-11197 21-11198	MD21-01-0015 MD21-01-0017	Pest	Target Analyte List	The reporting limits for these analytes should be regarded as estimated (UJ) because the associated surrogates were recovered below the LAL but greater than or equal to 10% recovery.
8388R	21-11200	MD21-01-0056	VOC	Acetone	The result for this analyte should be regarded as estimated (J) because the result was less than the PQL, but greater than the MDL.
8388R	21-11200	MD21-01-0054	VOC	Trichlorofluoromethane	The result for this analyte should be regarded as estimated (J) because the result was less than the PQL, but greater than the MDL.
8388R	21-11200 21-11200	MD21-01-0055 MD21-01-0056	SVOC	Target Analyte List	The reporting limits for these analytes should be regarded as estimated (UJ) because two or more surrogates were greater than or equal to 10% recovery but less than the LAL.
9636R	21-11216 21-11216	MD21-01-0302 MD21-01-0303	VOC	Tetrachloroethene	The results for this analyte should be regarded as estimated (J) because the results were less than the PQL, but greater than the MDL.
9636R	21-11216 21-11216	MD21-01-0302 MD21-01-0303	SVOC	Dinitrophenol [2,4-]	The reporting limits for this analyte should be regarded as estimated (UJ) because the initial/continuing calibration exceeded criteria.
9643R	21-11217 21-11216 21-11217 21-11218 21-11218	MD21-01-0308 MD21-01-0309 MD21-01-0313 MD21-01-0314 MD21-01-0315	VOC	Acetone	The reporting limits for this analyte should be regarded as estimated (UJ) because the initial/continuing calibration exceeded criteria.
9643R	21-11217 21-11216 21-11217 21-11218 21-11218	MD21-01-0308 MD21-01-0309 MD21-01-0313 MD21-01-0314 MD21-01-0315	SVOC	Dinitrophenol [2,4-], Benzo(g,h,I)perylene, Indeno(1,2,3-cd)pyrene	The reporting limits for these analytes should be regarded as estimated (UJ) because the initial/continuing calibration exceeded criteria.
9665R	21-11219 21-11219	MD21-01-0300 MD21-01-0306	VOC	Acetone	The results for this analyte should be regarded as estimated (J) because the results were less than the PQL, but greater than the MDL.

Table C.5-3 (cont.)

Request	Location	Sample ID	Analytical Suite	Analyte	Explanation
9665R	21-11218 21-11217 21-11219 21-11219 21-11221 21-11219 21-11220 21-11220 21-11221	MD21-01-0298 MD21-01-0299 MD21-01-0300 MD21-01-0301 MD21-01-0304 MD21-01-0306 MD21-01-0307 MD21-01-0310 MD21-01-0311	SVOC	Dinitrophenol [2,4-]	The reporting limits for this analyte should be regarded as estimated (UJ) because the initial/continuing calibration exceeded criteria.
9665R	21-11218 21-11217 21-11219	MD21-01-0298 MD21-01-0299 MD21-01-0300	SVOC	Benzoic Acid	The results for this analyte should be regarded as estimated (J) because the results were less than the PQL, but greater than the MDL.
131S	21-11199 21-11222 21-11222 21-11195	MD21-01-0522 MD21-01-0523 MD21-01-0525 MD21-01-0526	VOC	Dichlorobenzene [1,2-]	The results for this analyte should be regarded as not detected (U) because the results were greater than the EQL and less than or equal to five times the concentration of the related analyte found in the method blank.
131S	21-11199 21-11222 21-11222 21-11195	MD21-01-0522 MD21-01-0523 MD21-01-0525 MD21-01-0526	VOC	Dibromo-3-Chloropropane [1,2-], Trichlorofluoromethane, Tetrachloroethane [1,1,2,2-]	The results for these analytes should be regarded as estimated (UJ) because the initial/continuing calibration exceeded criteria.
131S	21-11222	MD21-01-0525	VOC	Benzene	The result for this analyte should be regarded as estimated (J) because the result was less than the PQL, but greater than the MDL.
131S	21-11199 21-11222 21-11195	MD21-01-0522 MD21-01-0523 MD21-01-0526	VOC	Toluene	The results for this analyte should be regarded as estimated (J) because the results were less than the PQL, but greater than the MDL.
131S	21-11199 21-11195	MD21-01-0522 MD21-01-0526	SVOC	Bis(2-ethylhexyl)phthalate	The results for this analyte should be regarded estimated (J) because the results were less than the PQL, but greater than the MDL.
131S	21-11199	MD21-01-0522	SVOC	Fluoranthene	The result for this analyte should be regarded estimated (J) because the result was less than the PQL, but greater than the MDL.
131S	21-11199 21-11222 21-11222 21-11195	MD21-01-0522 MD21-01-0523 MD21-01-0525 MD21-01-0526	PCB	Aroclor-1016, Aroclor-1221, Aroclor-1232, Aroclor-1242, Aroclor-1248, Aroclor-1254, Aroclor-1260	The reporting limits for these analytes should be regarded as estimated (UJ) because the holding times were exceeded.

Table C.5-3 (cont.)

Request	Location	Sample ID	Analytical Suite	Analyte	Explanation
131S	21-11222	MD21-01-0525	Pest	Aldrin, BHC[alpha-], BHC[delta-], BHC[gamma-], DDD[4,4'-], Dieldrin, Endosulfan Sulfate	The reporting limit for these analytes should be regarded as estimated and biased low (J-) because the holding time was exceeded.
131S	21-11222	MD21-01-0525	Pest	BHC[beta-], Chlordane[alpha-], Chlordane[gamma-], DDE[4,4'-], DDT[4,4'-], Endosulfan I, Endosulfan II, Endrin, Endrin Aldehyde, Endrin Ketone, Heptachlor, Heptachlor Epoxide, Methoxychlor[4,4'-], Toxaphene (Technical Grade)	The reporting limit for these analytes should be regarded as estimated (UJ) because the holding time was exceeded.
131S	21-11199 21-11222 21-11195	MD21-01-0522 MD21-01-0523 MD21-01-0526	Pest	Aldrin, BHC [alpha-], BHC[beta-], BHC[delta-], BHC[gamma-], Chlordane[alpha-], Chlordane[gamma-], DDD[4,4'], DDE[4,4'-], DDT[4,4'-], Dieldrin, Endosulfan I, Endosulfan II, Endosulfan Sulfate, Endrin, Endrin Aldehyde, Endrin Ketone, Heptachlor, Heptachlor Epoxide, Methoxychlor[4,4'-], Toxaphene (Technical Grade)	The reporting limits for these analytes should be regarded as estimated (UJ) because the holding times were exceeded.
1288S	21-02-21264	MD01-02-49592	SVOC	Bis(2-ethylhexyl)phthalate	The result for this analyte should be regarded as estimated (J) because the associated IS area counts are less than 50% but greater than 10% of the previous continuing calibration standard.
1288S	21-02-21266	MD21-02-49595	SVOC	Pyrene	The result for this analyte should be regarded as estimated (J) because the associated IS area counts are less than 50% but greater than 10% of the previous continuing calibration standard.
1288S	21-02-21260 21-02-21261 21-02-21262	MD21-02-49583 MD21-02-49586 MD21-02-49587	SVOC	Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(g,h,i)perylene, Benzo(k)fluoranthene, Bis(2-ethylhexyl)phthalate, Butylbenzylphthalate, Chrysene, Dibenz(a,h)anthracene, Dichlorobenzidine[3,3'-], Di-n-octylphthalate, Indeno(1,2,3-cd)pyrene, Pyrene	The reporting limits for these analytes should be regarded as estimated (UJ) because the associated IS area counts are less than 50% but greater than 10% of the previous continuing calibration standard.

Table C.5-3 (cont.)

Request	Location	Sample ID	Analytical Suite	Analyte	Explanation
1288S	21-02-21261 21-02-21264 21-02-21267 21-02-21267 21-02-21261	MD21-02-49585 MD21-02-49591 MD21-02-49597 MD21-02-49598 MD21-02-49603	SVOC	Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(g,h,i)perylene, Benzo(k)fluoranthene, Dibenz(a,h)anthracene, Di-n-octylphthalate, Indeno(1,2,3-cd)pyrene	The reporting limits for these analytes should be regarded as estimated (UJ) because the associated IS area counts are less than 50% but greater than 10% of the previous continuing calibration standard.
1288S	21-02-21264	MD21-02-49592	SVOC	Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(g,h,i)perylene, Benzo(k)fluoranthene, Butylbenzylphthalate, Chrysene, Dibenz(a,h)anthracene, Dichlorobenzidine[3,3'-], Di-n-octylphthalate, Indeno(1,2,3-cd)pyrene, Pyrene	The reporting limit for these analytes should be regarded as estimated (UJ) because the associated IS area count was less than 50% but greater than 10% of the previous continuing calibration standard.
1288S	21-02-21266	MD21-02-49595	SVOC	Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(g,h,i)perylene, Benzo(k)fluoranthene, Bis(2-ethylhexyl)phthalate, Butylbenzylphthalate, Chrysene, Dibenz(a,h)anthracene, Dichlorobenzidine[3,3'-], Di-n-octylphthalate, Indeno(1,2,3-cd)pyrene	The reporting limit for these analytes should be regarded as estimated (UJ) because the associated IS area count was less than 50% but greater than 10% of the previous continuing calibration standard.
1288S	21-02-21267	MD21-02-49597	SVOC	Bis(2-chlorethyl) ether	The result for this analyte should be regarded as estimated (J) because the result was less than the PQL, but greater than the MDL.
1288S	21-02-21261	MD21-02-49603	SVOC	Diethylphthalate	The result for this analyte should be regarded as estimated (J) because the result was less than the PQL, but greater than the MDL.
1288S	21-02-21261 21-02-21266 21-02-21264 21-02-21261	MD21-02-49585 MD21-02-49595 MD21-02-49591 MD21-02-49603	SVOC	Di-n-butyl phthalate	The results for this analyte should be regarded as estimated (J) because the results were less than the PQL, but greater than the MDL.
1288S	21-02-21261 21-02-21265 21-02-21266 21-02-21261	MD21-02-49585 MD21-02-49593 MD21-02-49595 MD21-02-49603	SVOC	Fluoranthene	The results for this analyte should be regarded as estimated (J) because the results were less than the PQL, but greater than the MDL.
1288S	21-02-21267 21-02-21265	MD21-02-49597 MD21-02-49593	SVOC	Pyrene	The results for this analyte should be regarded as estimated (J) because the results were less than the PQL, but greater than the MDL.

C-5.3 Radionuclide Data Review

Radionuclides qualified as non-detected (U) because the results were less than the minimum detectable concentration (MDC) and those qualified because the result was less than 3 times the 1-sigma total propagated uncertainty (TPU) are summarized in Table C-5.4. These radionuclides are not repeated in the text below.

The analytical results for radionuclide samples collected at SWMU 21-015 are discussed below.

Request 8296R. Severn Trent Laboratories, Inc. analyzed two samples for radionuclides. No target analytes were detected in the blank. The results for uranium-238 should be regarded as estimated and biased high (J+) because the associated laboratory control sample (LCS) was greater than 120% recovery.

Request 8306R. Severn Trent Laboratories, Inc. analyzed three samples for radionuclides. No target analytes were detected in the blank. The results for uranium-238 should be regarded as estimated and biased high (J+) because the associated LCS was greater than 120% recovery.

Request 8355R. Severn Trent Laboratories, Inc. analyzed four samples for radionuclides. No target analytes were detected in the blank. The results for gross alpha should be regarded as estimated and biased low (J-) because the results in the LCS were less than the LAL. The results for uranium-235 should be regarded as estimated and biased high (J+) because the associated LCS was greater than 120% recovery.

Request 8368R. Severn Trent Laboratories, Inc. analyzed four samples for radionuclides. No target analytes were detected in the blank. The results for uranium-235 should be regarded as estimated and biased high (J+) because the associated LCS was greater than 120% recovery.

Request 8376R. Severn Trent Laboratories, Inc. analyzed six samples for radionuclides. No target analytes were detected in the blank. The results for uranium-235 should be regarded as estimated and biased low (J-) because the associated LCS was less than 80% recovery but greater than or equal to 10% recovery.

Request 8390R. Severn Trent Laboratories, Inc. analyzed three samples for radionuclides. The results for uranium-234 and uranium-238 should be regarded as not detected (U) because the results were greater than the EQL and less than or equal to five times the concentration of the related analyte found in the method blank. The results for tritium should be regarded as estimated and biased high (J+) because the associated LCS was greater than 120% recovery. The results for uranium-235 should be regarded as estimated and biased low (J-) because associated LCS was less than 80% recovery but greater than or equal to 10% recovery.

Request 9645R. Severn Trent Laboratories, Inc. analyzed six samples for radionuclides. The result for plutonium-239 should be regarded as not detected (U) because the result was greater than the EQL and less than or equal to five times the concentration of the related analyte found in the method blank.

Request 9667R. Severn Trent Laboratories, Inc. analyzed nine samples for radionuclides. The results for plutonium-239 should be regarded as not detected (U) because the results were greater than the EQL and less than or equal to five times the concentration of the related analyte found in the method blank.

Table C-5.4
Radionuclide Data Quality Evaluation

Request No.	Location ID	Sample ID	Analyte Suite	Analyte	Explanation
15278	AAA4033 AAA4037	21-01604 21-01605	Isotopic plutonium (HASL-300)	Plutonium-238	The results for this analyte should be regarded as not detected (U) because the results were less than three times the TPU.
15278	AAA4033 AAA4037	21-01604 21-01605	Isotopic Uranium (HASL-300)	Uranium-235	The results for this analyte should be regarded as not detected (U) because the results were less than three times the TPU.
15278	AAA4033 AAA4037	21-01604 21-01605	Strontium-90 (EPA Method 905.0)	Strontium-909	The results for this analyte should be regarded as not detected (U) because the results were less than three times the TPU.
15413	21-01672 21-01672	AAA4129 AAA4132	Americium-241 (HASL-300)	Americium-241	The results for this analyte should be regarded as not detected (U) because the results were less than three times the total propagated uncertainty (TPU).
15413	21-01672 21-01672 21-01672 21-01672	AAA4129 AAA4131 AAA4132 AAA4133	Isotopic plutonium (HASL-300)	Plutonium-238, Plutonium-239	The results for this analyte should be regarded as not detected (U) because the results were less than three times the TPU.
15413	21-01672 21-01672 21-01672 21-01672	AAA4129 AAA4131 AAA4132 AAA4133	Strontium-90 (EPA Method 905.0)	Strontium-90	The results for this analyte should be regarded as not detected (U) because the results were less than three times the TPU.
15413	21-01672 21-01672 21-01672 21-01672	AAA4129 AAA4131 AAA4132 AAA4133	Isotopic Uranium (HASL-300)	Uranium-235	The results for this analyte should be regarded as not detected (U) because the results were less than three times the TPU.
2932	21-05112 21-05113	0121-97-0902 0121-97-0903	Americium-241 (HASL-300)	Americium-241	The results for this analyte should be regarded as not detected (U) because the results were less than three times the TPU.
2932	21-05112 21-05113	0121-97-0902 0121-97-0903	Isotopic plutonium (HASL-300)	Plutonium-238	The results for this analyte should be regarded as not detected (U) because the results were less than three times the TPU.
2932	21-05112	0121-97-0902	Isotopic plutonium (HASL-300)	Plutonium-239	The result for this analyte should be regarded as not detected (U) because the result was less than three times the TPU.
2932	21-05112 21-05113	0121-97-0902 0121-97-0903	Gamma spectroscopy (EPA Method 901.1)	Cesium-134, Cesium-137, Cobalt-60, Europium-152, Ruthenium-106, Sodium-22	The results for these analytes should be regarded as not detected (U) because the results were less than three times the TPU.
2937	21-05114 21-05115	0121-97-0904 0121-97-0905	Americium-241 (HASL-300)	Americium-241	The results for this analyte should be regarded as not detected (U) because the results were less than three times the TPU.
2937	21-05114 21-05115	0121-97-0904 0121-97-0905	Gamma spectroscopy (EPA Method 901.1)	Cobalt-60, Europium-152, Ruthenium-106, Sodium-22	The results for these analytes should be regarded as not detected (U) because the results were less than three times the TPU.
2937	21-05114	0121-97-0904	Gamma spectroscopy (EPA Method 901.1)	Cesium-137	The result for this analyte should be regarded as not detected (U) because the result was less than three times the TPU.

Table C-5.4 (cont.)

Request No.	Location ID	Sample ID	Analyte Suite	Analyte	Explanation
2937	21-05114	0121-97-0904	Isotopic plutonium (HASL-300)	Plutonium-238	The result for this analyte should be regarded as not detected (U) because the result was less than three times the TPU.
2937	21-05114	0121-97-0904	Isotopic thorium (HASL-300)	Thorium-227	The result for this analyte should be regarded as not detected (U) because the result was less than three times the TPU.
2937	21-05115	0121-97-0905	Isotopic Uranium (HASL-300)	Uranium-235	The result for this analyte should be regarded as not detected (U) because the result was less than three times the TPU.
2937	21-05115	0121-97-0905	Isotopic plutonium (HASL-300)	Plutonium-238	The result for this analyte should be regarded as not detected (U) because the result was less than the minimum detectable concentration (MDC).
2937	21-05114	0121-97-0904	Isotopic plutonium (HASL-300)	Plutonium-239	The result for this analyte should be regarded as not detected (U) because the result was less than the MDC.
2937	21-05114	0121-97-0904	Isotopic Uranium (HASL-300)	Uranium-235	The result for this analyte should be regarded as not detected (U) because the result was less than three times the TPU.
3035R	21-05362 21-05425 21-05362 21-05379 21-05379 21-05357 21-05422 21-05404 21-05389 21-05389 21-05357 21-05425 21-05425 21-05425 21-05404 21-05355 21-05418 21-05355 21-05404 21-05422 21-05418	0121-97-1221 0121-97-1222 0121-97-1223 0121-97-1224 0121-97-1225 0121-97-1226 0121-97-1227 0121-97-1228 0121-97-1229 0121-97-1230 0121-97-1231 0121-97-1232 0121-97-1233 0121-97-1234 0121-97-1235 0121-97-1236 0121-97-1237 0121-97-1238 0121-97-1239 0121-97-1240 0121-97-1241	Americium-241 (HASL-300)	Americium-241	The results for this analyte should be regarded as not detected (U) because the results were less than three times the TPU.

Table C-5.4 (cont.)

Request No.	Location ID	Sample ID	Analyte Suite	Analyte	Explanation
3035R	21-05362 21-05425 21-05362 21-05379 21-05379 21-05357 21-05422 21-05404 21-05389 21-05389 21-05357 21-05425 21-05425 21-05425 21-05404 21-05355 21-05418 21-05355 21-05404 21-05422 21-05418	0121-97-1221 0121-97-1222 0121-97-1223 0121-97-1224 0121-97-1225 0121-97-1226 0121-97-1227 0121-97-1228 0121-97-1229 0121-97-1230 0121-97-1231 0121-97-1232 0121-97-1233 0121-97-1234 0121-97-1235 0121-97-1236 0121-97-1237 0121-97-1238 0121-97-1239 0121-97-1240 0121-97-1241	Gamma spectroscopy (EPA Method 901.1)	Cesium-134, Cobalt-60, Europium-152, Ruthenium-106, Sodium-22	The results for these analytes should be regarded as not detected (U) because the results were less than three times the TPU.
3035R	21-05425 21-05357 21-05425 21-05425 21-05404 21-05379 21-05404 21-05422 21-05418	0121-97-1222 0121-97-1231 0121-97-1233 0121-97-1234 0121-97-1235 0121-97-1225 0121-97-1239 0121-97-1240 0121-97-1241	Gamma spectroscopy (EPA Method 901.1)	Cesium-137	The results for this analyte should be regarded as not detected (U) because the results were less than three times the TPU.
3035R	21-05425 21-05425 21-05425	0121-97-1232 0121-97-1233 0121-97-1234	Tritium (EPA Method 906.0)	Tritium	The results for this analyte should be regarded as not detected (U) because the results were less than three times the TPU.
4855R	21-10516 21-10515 21-10514 21-10512 21-10511 21-10510 21-10509 21-10507 21-10506 21-10504 21-10505 21-10503 21-10502 21-10501	MD21-98-0034 MD21-98-0035 MD21-98-0036 MD21-98-0038 MD21-98-0039 MD21-98-0040 MD21-98-0041 MD21-98-0043 MD21-98-0044 MD21-98-0045 MD21-98-0046 MD21-98-0047 MD21-98-0048 MD21-98-0049	Americium-241 (HASL-300)	Americium-241	The results for this analyte should be regarded as not detected (U) because the results were less than three times the TPU.

Table C-5.4 (cont.)

Request No.	Location ID	Sample ID	Analyte Suite	Analyte	Explanation
4855R	21-10516 21-10515 21-10514 21-10513 21-10512 21-10511 21-10510 21-10509 21-10508 21-10506 21-10504 21-10505 21-10503 21-10502 21-10501	MD21-98-0034 MD21-98-0035 MD21-98-0036 MD21-98-0037 MD21-98-0038 MD21-98-0039 MD21-98-0040 MD21-98-0041 MD21-98-0042 MD21-98-0044 MD21-98-0045 MD21-98-0046 MD21-98-0047 MD21-98-0048 MD21-98-0049	Gamma spectroscopy (EPA Method 901.1)	Cesium-134	The results for this analyte should be regarded as not detected (U) because the results were less than three times the TPU.
4855R	21-10516 21-10515 21-10513 21-10512 21-10511 21-10510 21-10507 21-10506 21-10504 21-10503 21-10501	MD21-98-0034 MD21-98-0035 MD21-98-0037 MD21-98-0038 MD21-98-0039 MD21-98-0040 MD21-98-0043 MD21-98-0044 MD21-98-0045 MD21-98-0047 MD21-98-0049	Gamma spectroscopy (EPA Method 901.1)	Cesium-137	The results for this analyte should be regarded as not detected (U) because the results were less than three times the TPU.
4855R	21-10516 21-10515 21-10514 21-10513 21-10512 21-10511 21-10510 21-10509 21-10508 21-10507 21-10506 21-10505 21-10503 21-10502 21-10501	MD21-98-0034 MD21-98-0035 MD21-98-0036 MD21-98-0037 MD21-98-0038 MD21-98-0039 MD21-98-0040 MD21-98-0041 MD21-98-0042 MD21-98-0043 MD21-98-0044 MD21-98-0046 MD21-98-0047 MD21-98-0048 MD21-98-0049	Gamma spectroscopy (EPA Method 901.1)	Cobalt-60	The results for this analyte should be regarded as not detected (U) because the results were less than three times the TPU.

Table C-5.4 (cont.)

Request No.	Location ID	Sample ID	Analyte Suite	Analyte	Explanation
4855R	21-10516 21-10515 21-10514 21-10513 21-10512 21-10510 21-10509 21-10508 21-10507 21-10506 21-10504 21-10505 21-10503 21-10502 21-10501	MD21-98-0034 MD21-98-0035 MD21-98-0036 MD21-98-0037 MD21-98-0038 MD21-98-0040 MD21-98-0041 MD21-98-0042 MD21-98-0043 MD21-98-0044 MD21-98-0045 MD21-98-0046 MD21-98-0047 MD21-98-0048 MD21-98-0049	Gamma spectroscopy (EPA Method 901.1)	Ruthenium-106	The results for this analyte should be regarded as not detected (U) because the results were less than three times the TPU.
4855R	21-10516 21-10515 21-10514 21-10513 21-10512 21-10511 21-10510 21-10509 21-10508 21-10507 21-10506 21-10504 21-10505 21-10503 21-10502 21-10501	MD21-98-0034 MD21-98-0035 MD21-98-0036 MD21-98-0037 MD21-98-0038 MD21-98-0039 MD21-98-0040 MD21-98-0041 MD21-98-0042 MD21-98-0043 MD21-98-0044 MD21-98-0045 MD21-98-0046 MD21-98-0047 MD21-98-0048 MD21-98-0049	Gamma spectroscopy (EPA Method 901.1)	Europium-152, Sodium-22	The results for these analytes should be regarded as not detected (U) because the results were less than three times the TPU.
4855R	21-10515 21-10506	MD21-98-0035 MD21-98-0044	Tritium (EPA Method 906.0)	Tritium	The results for this analyte should be regarded as not detected (U) because the results were less than three times the TPU.
4855R	21-10510	MD21-98-0040	Tritium (EPA Method 906.0)	Tritium	The result for this analyte should be regarded as not detected (U) because the result was less than the MDC.
4855R	21-10506	MD21-98-0044	Isotopic thorium (HASL-300)	Thorium-230	The result for this analyte should be regarded as not detected (U) because the result was less than three times the TPU.
4855R	21-10515 21-10512 21-10506 21-10501	MD21-98-0035 MD21-98-0038 MD21-98-0044 MD21-98-0049	Isotopic Uranium (HASL-300)	Uranium-235	The results for this analyte should be regarded as not detected (U) because the results were less than three times the TPU.
133S	21-11199 21-11222 21-11222 21-11195	MD21-01-0522 MD21-01-0523 MD21-01-0524 MD21-01-0526	Americium-241 (HASL-300)	Americium-241	The results for this analyte should be regarded as not detected (U) because the results were less than three times the TPU.
133S	21-11199 21-11222 21-11222 21-11222 21-11195	MD21-01-0522 MD21-01-0523 MD21-01-0524 MD21-01-0525 MD21-01-0526	Gamma spectroscopy (EPA Method 901.1)	Cesium-134, Cesium-137, Cobast-60, Europium-152, Ruthenium-106, Sodium-22	The results for these analytes should be regarded as not detected (U) because the results were less than the MDC.

Table C-5.4 (cont.)

Request No.	Location ID	Sample ID	Analyte Suite	Analyte	Explanation
133S	21-11199 21-11222 21-11222 21-11195	MD21-01-0522 MD21-01-0524 MD21-01-0525 MD21-01-0526	Isotopic plutonium (HASL-300)	Plutonium-238	The results for this analyte should be regarded as not detected (U) because the results were less than the MDC.
133S	21-11199 21-11222 21-11222 21-11222 21-11195	MD21-01-0522 MD21-01-0523 MD21-01-0524 MD21-01-0525 MD21-01-0526	Isotopic plutonium (HASL-300)	Plutonium-239	The results for this analyte should be regarded as not detected (U) because the results were less than the MDC.
133S	21-11199 21-11222	MD21-01-0522 MD21-01-0523	Isotopic Uranium (HASL-300)	Uranium-235	The results for this analyte should be regarded as not detected (U) because the results were less than three times the TPU.
133S	21-11195	MD21-01-0526	Isotopic Uranium (HASL-300)	Uranium-235	The result for this analyte should be regarded as not detected (U) because the result was less than the MDC.
133S	21-11199 21-11222 21-11222 21-11222 21-11195	MD21-01-0522 MD21-01-0523 MD21-01-0524 MD21-01-0525 MD21-01-0526	Strontium-90 (EPA Method 905.0)	Strontium-90	The results for this analyte should be regarded as not detected (U) because the results were less than three times the TPU.
8296R	21-11191 21-11192	MD21-01-0001 MD21-01-0002	Americium-241 (HASL-300)	Americium-241	The results for this analyte should be regarded as not detected (U) because the results were less than three times the TPU.
8296R	21-11191 21-11192	MD21-01-0001 MD21-01-0002	Gamma spectroscopy (EPA Method 901.1)	Cesium-134, Cesium-137, Cobalt-60, Europium-152, Ruthenium-106	The results for these analytes should be regarded as not detected (U) because the results were less than three times the TPU.
8296R	21-11191	MD21-01-0001	Tritium (EPA Method 906.0)	Tritium	The result for this analyte should be regarded as not detected (U) because the result was less than three times the TPU.
8296R	21-11191 21-11192	MD21-01-0001 MD21-01-0002	Isotopic plutonium (HASL-300)	Plutonium-238	The results for this analyte should be regarded as not detected (U) because the results were less than three times the TPU.
8296R	21-11192	MD21-01-0002	Isotopic plutonium (HASL-300)	Plutonium-239	The result for this analyte should be regarded as not detected (U) because the result was less than three times the TPU.
8296R	21-11191 21-11192	MD21-01-0001 MD21-01-0002	Isotopic Uranium (HASL-300)	Uranium-238	The results for this analyte should be regarded as estimated and biased high (J+) because the associated laboratory control sample (LCS) was greater than 120% recovery.
8296R	21-11192	MD21-01-0002	Isotopic Uranium (HASL-300)	Uranium-235	The result for this analyte should be regarded as not detected (U) because the result was less than three times the TPU.
8296R	21-11191 21-11192	MD21-01-0001 MD21-01-0002	Strontium-90 (EPA Method 905.0)	Strontium-90	The results for this analyte should be regarded as not detected (U) because the results were less than three times the TPU.
8306R	21-11191 21-11192 21-11193	MD21-01-0003 MD21-01-0004 MD21-01-0005	Americium-241 (HASL-300)	Americium-241	The results for this analyte should be regarded as not detected (U) because the results were less than three times the TPU.

Table C-5.4 (cont.)

Request No.	Location ID	Sample ID	Analyte Suite	Analyte	Explanation
8306R	21-11191 21-11192 21-11193	MD21-01-0003 MD21-01-0004 MD21-01-0005	Gamma spectroscopy (EPA Method 901.1)	Cesium-134, Cesium-137, Cobalt-60, Ruthenium-106	The results for these analytes should be regarded as not detected (U) because the results were less than three times the TPU.
8306R	21-11191 21-11192	MD21-01-0003 MD21-01-0004	Gamma spectroscopy (EPA Method 901.1)	Europium-152	The results for this analyte should be regarded as not detected (U) because the results were less than three times the TPU.
8306R	21-11193	MD21-01-0005	Gamma spectroscopy (EPA Method 901.1)	Europium-152	The result for this analyte should be regarded as not detected (U) because the result was less than the MDC.
8306R	21-11191 21-11192 21-11193	MD21-01-0003 MD21-01-0004 MD21-01-0005	Tritium (EPA Method 906.0)	Tritium	The results for this analyte should be regarded as not detected (U) because the results were less than three times the TPU.
8306R	21-11191 21-11192 21-11193	MD21-01-0003 MD21-01-0004 MD21-01-0005	Isotopic plutonium (HASL-300)	Plutonium-238, Plutonium-239	The results for these analytes should be regarded as not detected (U) because the results were less than three times the TPU.
8306R	21-11191 21-11192 21-11193	MD21-01-0003 MD21-01-0004 MD21-01-0005	Isotopic Uranium (HASL-300)	Uranium-238	The results for this analyte should be regarded as estimated and biased high (J+) because the associated LCS was greater than 120% recovery.
8306R	21-11191 21-11192 21-11193	MD21-01-0003 MD21-01-0004 MD21-01-0005	Isotopic Uranium (HASL-300)	Uranium-235	The results for this analyte should be regarded as not detected (U) because the results were less than three times the TPU.
8306R	21-11191 21-11192 21-11193	MD21-01-0003 MD21-01-0004 MD21-01-0005	Strontium-90 (EPA Method 905.0)	Strontium-90	The results for this analyte should be regarded as not detected (U) because the results were less than three times the TPU.
8355R	21-11193 21-11194 21-11194	MD21-01-0007 MD21-01-0008 MD21-01-0009	Americium-241 (HASL-300)	Americium-241	The results for this analyte should be regarded as not detected (U) because the results were less than three times the TPU.
8355R	21-11193 21-11194 21-11194	MD21-01-0007 MD21-01-0008 MD21-01-0009	Gamma spectroscopy (EPA Method 901.1)	Cesium-134, Cesium-137, Cobalt-60, Europium-152, Ruthenium-106	The results for these analytes should be regarded as not detected (U) because the results were less than three times the TPU.
8355R	21-11193 21-11194 21-11194	MD21-01-0007 MD21-01-0008 MD21-01-0009	Gross Alpha/Beta (EPA Method 905.0)	Gross Alpha	The results for this analyte should be regarded as estimated and biased low (J-) because the results in the LCS were less than the LAL.
8355R	21-11193 21-11194 21-11194	MD21-01-0007 MD21-01-0008 MD21-01-0009	Isotopic plutonium (HASL-300)	Plutonium-238	The results for this analyte should be regarded as not detected (U) because the results were less than three times the TPU.
8355R	21-11193 21-11194	MD21-01-0007 MD21-01-0009	Isotopic plutonium (HASL-300)	Plutonium-239	The results for this analyte should be regarded as not detected (U) because the results were less than three times the TPU.
8355R	21-11193 21-11194 21-11194	MD21-01-0007 MD21-01-0008 MD21-01-0009	Isotopic Uranium (HASL-300)	Uranium-235	The results for this analyte should be regarded as estimated and biased high (J+) because the associated LCS was greater than 120% recovery.
8355R	21-11194	MD21-01-0009	Strontium-90 (EPA Method 905.0)	Strontium-90	The result for this analyte should be regarded as not detected (U) because the result was less than the MDC.

Table C-5.4 (cont.)

Request No.	Location ID	Sample ID	Analyte Suite	Analyte	Explanation
8355R	21-11193 21-11194	MD21-01-0007 MD21-01-0008	Strontium-90 (EPA Method 905.0)	Strontium-90	The results for this analyte should be regarded as not detected (U) because the results were less than three times the TPU.
8368R	21-11195 21-11195 21-11196 21-11196	MD21-01-0011 MD21-01-0012 MD21-01-0013 MD21-01-0014	Americium-241 (HASL-300)	Americium-241	The results for this analyte should be regarded as not detected (U) because the results were less than three times the TPU.
8368R	21-11195 21-11195 21-11196 21-11196	MD21-01-0011 MD21-01-0012 MD21-01-0013 MD21-01-0014	Gamma spectroscopy (EPA Method 901.1)	Cesium-134, Cesium-137, Cobalt-60, Europium-152, Ruthenium-106	The results for these analytes should be regarded as not detected (U) because the results were less than three times the TPU.
8368R	21-11195 21-11195 21-11196 21-11196	MD21-01-0011 MD21-01-0012 MD21-01-0013 MD21-01-0014	Isotopic plutonium (HASL-300)	Plutonium-238	The results for this analyte should be regarded as not detected (U) because the results were less than three times the TPU.
8368R	21-11195 21-11195	MD21-01-0011 MD21-01-0012	Isotopic plutonium (HASL-300)	Plutonium-239	The results for this analyte should be regarded as not detected (U) because the results were less than three times the TPU.
8368R	21-11195 21-11195 21-11196 21-11196	MD21-01-0011 MD21-01-0012 MD21-01-0013 MD21-01-0014	Strontium-90 (EPA Method 905.0)	Strontium-90	The results for this analyte should be regarded as not detected (U) because the results were less than three times the TPU.
8368R	21-11195 21-11195 21-11196 21-11196	MD21-01-0011 MD21-01-0012 MD21-01-0013 MD21-01-0014	Isotopic Uranium (HASL-300)	Uranium-235	The results for this analyte should be regarded as estimated and biased high (J+) because the associated LCS was greater than 120% recovery.
8376R	21-11197 21-11197 21-11198 21-11198 21-11199 21-11199	MD21-01-0015 MD21-01-0016 MD21-01-0017 MD21-01-0018 MD21-01-0019 MD21-01-0020	Americium-241 (HASL-300)	Americium-241	The results for this analyte should be regarded as not detected (U) because the results were less than three times the TPU.
8376R	21-11197 21-11197 21-11198 21-11198 21-11199 21-11199	MD21-01-0015 MD21-01-0016 MD21-01-0017 MD21-01-0018 MD21-01-0019 MD21-01-0020	Gamma spectroscopy (EPA Method 901.1)	Cesium-134, Cesium-137, Cobalt-60, Europium-152, Ruthenium-106	The results for these analytes should be regarded as not detected (U) because the results were less than three times the TPU.
8376R	21-11197 21-11197 21-11198 21-11198 21-11199 21-11199	MD21-01-0015 MD21-01-0016 MD21-01-0017 MD21-01-0018 MD21-01-0019 MD21-01-0020	Isotopic plutonium (HASL-300)	Plutonium-238, Plutonium-239	The results for these analytes should be regarded as not detected (U) because the results were less than three times the TPU.
8376R	21-11197 21-11197 21-11198 21-11198 21-11199 21-11199	MD21-01-0015 MD21-01-0016 MD21-01-0017 MD21-01-0018 MD21-01-0019 MD21-01-0020	Isotopic Uranium (HASL-300)	Uranium-235	The results for this analyte should be regarded as estimated and biased low (J-) because the associated LCS was less than 80% recovery but greater than or equal to 10% recovery.

Table C-5.4 (cont.)

Request No.	Location ID	Sample ID	Analyte Suite	Analyte	Explanation
8376R	21-11197 21-11197 21-11198 21-11198 21-11199 21-11199	MD21-01-0015 MD21-01-0016 MD21-01-0017 MD21-01-0018 MD21-01-0019 MD21-01-0020	Strontium-90 (EPA Method 905.0)	Strontium-90	The results for this analyte should be regarded as not detected (U) because the results were less than three times the TPU.
8390R	21-11200 21-11200 21-11200	MD21-01-0054 MD21-01-0055 MD21-01-0056	Isotopic Uranium (HASL-300)	Uranium-234, Uranium-238	The results for these analytes should be regarded as not detected (U) because the results were greater than the EQL and less than or equal to five times the concentration of the related analyte found in the method blank.
8390R	21-11200 21-11200 21-11200	MD21-01-0054 MD21-01-0055 MD21-01-0056	Tritium (EPA Method 906.0)	Tritium	The results for this analyte should be regarded as estimated and biased high (J+) because the associated LCS was greater than 120% recovery.
8390R	21-11200 21-11200 21-11200	MD21-01-0054 MD21-01-0055 MD21-01-0056	Isotopic Uranium (HASL-300)	Uranium-235	The results for this analyte should be regarded as estimated and biased low (J-) because the associated LCS was less than 80% recovery but greater than or equal to 10% recovery.
8390R	21-11200 21-11200 21-11200	MD21-01-0054 MD21-01-0055 MD21-01-0056	Americium-241 (HASL-300)	Americium-241	The results for this analyte should be regarded as not detected (U) because the results were less than three times the TPU.
8390R	21-11200 21-11200 21-11200	MD21-01-0054 MD21-01-0055 MD21-01-0056	Gamma spectroscopy (EPA Method 901.1)	Cesium-134, Cesium-137, Cobalt-60, Europium-152, Ruthenium-106	The results for these analytes should be regarded as not detected (U) because the results were less than three times the TPU.
8390R	21-11200 21-11200 21-11200	MD21-01-0054 MD21-01-0055 MD21-01-0056	Isotopic plutonium (HASL-300)	Plutonium-238, Plutonium-239	The results for these analytes should be regarded as not detected (U) because the results were less than three times the TPU.
8390R	21-11200 21-11200 21-11200	MD21-01-0054 MD21-01-0055 MD21-01-0056	Strontium-90 (EPA Method 905.0)	Strontium-90	The results for this analyte should be regarded as not detected (U) because the results were less than three times the TPU.
9638R	21-11216	MD21-01-0302	Americium-241 (HASL-300)	Americium-241	The result for this analyte should be regarded as not detected (U) because the result was less than three times the TPU.
9638R	21-11216 21-11216	MD21-01-0302 MD21-01-0303	Gamma spectroscopy (EPA Method 901.1)	Uranium-235	The results for this analyte should be regarded as not detected (U) because the results were less than three times the TPU.
9638R	21-11216 21-11216	MD21-01-0302 MD21-01-0303	Americium-241 (HASL-300)	Americium-241	The results for this analyte should be regarded as not detected (U) because the results were less than the MDC.
9638R	21-11216 21-11216	MD21-01-0302 MD21-01-0303	Gamma spectroscopy (EPA Method 901.1)	Cesium-134, Cesium-137, Cobalt-60, Europium-152, Ruthenium-106,	The results for these analytes should be regarded as not detected (U) because the results were less than the MDC.
9638R	21-11216 21-11216	MD21-01-0302 MD21-01-0303	Strontium-90 (EPA Method 905.0)	Strontium-90	The results for this analyte should be regarded as not detected (U) because the results were less than the MDC.

Table C-5.4 (cont.)

Request No.	Location ID	Sample ID	Analyte Suite	Analyte	Explanation
9638R	21-11216 21-11216	MD21-01-0302 MD21-01-0303	Isotopic plutonium (HASL-300)	Plutonium-238, Plutonium-239	The results for these analytes should be regarded as not detected (U) because the results were less than the MDC.
9638R	21-11216 21-11216	MD21-01-0302 MD21-01-0303	Isotopic Uranium (HASL-300)	Uranium-235	The results for this analyte should be regarded as not detected (U) because the results were less than the MDC.
9645R	21-11217	MD21-01-0308	Isotopic plutonium (HASL-300)	Plutonium-239	The result for this analyte should be regarded as not detected (U) because the result was greater than the EQL and less than or equal to five times the concentration of the related analyte found in the method blank.
9645R	21-11217 21-11216 21-11217 21-11218 21-11218	MD21-01-0308 MD21-01-0309 MD21-01-0313 MD21-01-0314 MD21-01-0315	Americium-241 (HASL-300)	Americium-241	The results for this analyte should be regarded as not detected (U) because the results were less than three times the TPU.
9645R	21-11217 21-11216 21-11217 21-11218 21-11218	MD21-01-0308 MD21-01-0309 MD21-01-0313 MD21-01-0314 MD21-01-0315	Strontium-90 (EPA Method 905.0)	Strontium-90	The results for this analyte should be regarded as not detected (U) because the results were less than three times the TPU.
9645R	21-11217	MD21-01-0308	Gamma spectroscopy (EPA Method 901.1)	Cesium-134	The result for this analyte should be regarded as not detected (U) because the result was less than the MDC.
9645R	21-11217 21-11216 21-11217 21-11218 21-11218	MD21-01-0308 MD21-01-0309 MD21-01-0313 MD21-01-0314 MD21-01-0315	Gamma spectroscopy (EPA Method 901.1)	Cesium-137, Cobalt-60, Europium-152, Ruthenium-106	The results for these analytes should be regarded as not detected (U) because the results were less than the MDC.
9645R	21-11217 21-11216 21-11217 21-11218 21-11218	MD21-01-0308 MD21-01-0309 MD21-01-0313 MD21-01-0314 MD21-01-0315	Gamma spectroscopy (EPA Method 901.1)	Plutonium-238	The results for this analyte should be regarded as not detected (U) because the results were less than the MDC.
9645R	21-11216 21-11217 21-11218	MD21-01-0309 MD21-01-0313 MD21-01-0315	Isotopic plutonium (HASL-300)	Plutonium-239	The results for this analyte should be regarded as not detected (U) because the results were less than the MDC.
9667R	21-11218 21-11219	MD21-01-0298 MD21-01-0300	Isotopic plutonium (HASL-300)	Plutonium-239	The results for this analyte should be regarded as not detected (U) because the results were greater than the EQL and less than or equal to five times the concentration of the related analyte found in the method blank.
9667R	21-11217	MD21-01-0299	Americium-241 (HASL-300)	Americium-241	The result for this analyte should be regarded as not detected (U) because the result was less than three times the TPU.

Table C-5.4 (cont.)

Request No.	Location ID	Sample ID	Analyte Suite	Analyte	Explanation
9667R	21-11218 21-11219 21-11219 21-11221 21-11219 21-11220 21-11220 21-11221	MD21-01-0298 MD21-01-0300 MD21-01-0301 MD21-01-0304 MD21-01-0306 MD21-01-0307 MD21-01-0310 MD21-01-0311	Americium-241 (HASL-300)	Americium-241	The results for this analyte should be regarded as not detected (U) because the results were less than the MDC.
9667R	21-11219 21-11219 21-11220 21-11221	MD21-01-0301 MD21-01-0306 MD21-01-0307 MD21-01-0311	Gamma spectroscopy (EPA Method 901.1)	Cesium-134	The results for this analyte should be regarded as not detected (U) because the results were less than three times the TPU.
9667R	21-11218 21-11217 21-11219 21-11220	MD21-01-0298 MD21-01-0299 MD21-01-0300 MD21-01-0310	Gamma spectroscopy (EPA Method 901.1)	Cesium-134	The results for this analyte should be regarded as not detected (U) because the results were less than the MDC.
9667R	21-11218 21-11217 21-11219 21-11219 21-11221 21-11219 21-11220 21-11220 21-11221	MD21-01-0298 MD21-01-0299 MD21-01-0300 MD21-01-0301 MD21-01-0304 MD21-01-0306 MD21-01-0307 MD21-01-0310 MD21-01-0311	Gamma spectroscopy (EPA Method 901.1)	Cesium-137, Cobalt-60, Europium-152, Ruthenium-106	The results for these analytes should be regarded as not detected (U) because the results were less than the MDC.
9667R	21-11217 21-11221	MD21-01-0299 MD21-01-0304	Isotopic plutonium (HASL-300)	Plutonium-239	The results for this analyte should be regarded as not detected (U) because the results were less than the MDC.
9667R	21-11218 21-11217 21-11219 21-11219 21-11221 21-11219 21-11220 21-11220 21-11221	MD21-01-0298 MD21-01-0299 MD21-01-0300 MD21-01-0301 MD21-01-0304 MD21-01-0306 MD21-01-0307 MD21-01-0310 MD21-01-0311	Isotopic plutonium (HASL-300)	Plutonium-238	The results for this analyte should be regarded as not detected (U) because the results were less than the MDC.
9667R	21-11217 21-11219 21-11221 21-11219 21-11221	MD21-01-0299 MD21-01-0301 MD21-01-0304 MD21-01-0306 MD21-01-0311	Isotopic plutonium (HASL-300)	Plutonium-239	The results for this analyte should be regarded as not detected (U) because the results were less than the MDC.
9667R	21-11218 21-11217 21-11219 21-11219 21-11221 21-11219 21-11220 21-11220 21-11221	MD21-01-0298 MD21-01-0299 MD21-01-0300 MD21-01-0301 MD21-01-0304 MD21-01-0306 MD21-01-0307 MD21-01-0310 MD21-01-0311	Isotopic Uranium (HASL-300)	Uranium-235	The results for this analyte should be regarded as not detected (U) because the results were less than three times the TPU.

Table C-5.4 (cont.)

Request No.	Location ID	Sample ID	Analyte Suite	Analyte	Explanation
9667R	21-11218 21-11217 21-11219 21-11219 21-11221 21-11219 21-11220 21-11220 21-11221	MD21-01-0298 MD21-01-0299 MD21-01-0300 MD21-01-0301 MD21-01-0304 MD21-01-0306 MD21-01-0307 MD21-01-0310 MD21-01-0311	Strontium-90 (EPA Method 905.0)	Strontium-90	The results for this analyte should be regarded as not detected (U) because the results were less than the MDC.
1290S	21-02-21262 21-02-21263 21-02-21264 21-02-21268 21-02-21267	MD21-02-49587 MD21-02-49589 MD21-02-49592 MD21-02-49599 MD21-02-49598	Americium-241 (HASL-300)	Americium-241	The results for this analyte should be regarded as not detected (U) because the results were less than the MDC.
1290S	21-02-21261 21-02-21262 21-02-21263 21-02-21264 21-02-21264 21-02-21265 21-02-21266 21-02-21267 21-02-21267 21-02-21268	MD21-02-49586 MD21-02-49587 MD21-02-49589 MD21-02-49591 MD21-02-49592 MD21-02-49593 MD21-02-49595 MD21-02-49597 MD21-02-49598 MD21-02-49599	Isotopic plutonium (HASL-300)	Plutonium-238	The results for this analyte should be regarded as not detected (U) because the results were less than the MDC.

C-6.0 REFERENCES

EPA (US Environmental Protection Agency), February 1994. "US EPA Contract Laboratory Program National Functional Guidelines for Organic Data Review," EPA-540/R-94/012, Office of Solid Waste and Emergency Response, Washington, DC. (EPA 1994, 58690)

EPA (US Environmental Protection Agency), February 1994. "US EPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review," EPA-540/R-94-013, Office of Solid Waste and Emergency Response, Washington, DC. (EPA 1994, 48639)

LANL (Los Alamos National Laboratory), July 1995. "Statement of Work – Analytical Support," Revision 2, RFP No. 9-XS1-Q4257, Los Alamos, New Mexico. (LANL 1995, 49738)

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

Appendix D

Analytical Suites and Results

(see enclosed CD)

Appendix D

Analytical Suites and Results

APPENDIX D ANALYTICAL SUITES AND RESULTS

D-1.0 TARGET ANALYTES AND DETECTION LIMITS

Tables D-1.0-1 through D-1.0-6 include the minimum required detection limits or quantitation limits, as prescribed in the Environmental Restoration Project (now the Risk Reduction and Environmental Stewardship Division–Remediation [RRES-R] Program) analytical services statement of work for contract laboratories (LANL 1995, 49738) 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. The sample-specific detection or quantitation limits for each analyte are accessible in the Facility for Information, Management, Analysis, and Display database. In addition, summary tables presented in Sections 2.3, 2.4, 3.3, and 3.4 also include these limits, as appropriate.

Efforts were made to ensure that detection limits for inorganic analytes were below Los Alamos National Laboratory (the Laboratory) background values (BVs). Instances in which the detection limits were greater than BVs are noted and discussed in Section 2.4.3 of this report.

Table D-1.0-1
Target Analytes and Estimated Detection Limits for Inorganic Chemical Analyses

Analyte	EPA[a] Sample Preparation Method	Analytical Technique	EDL[b] (mg/kg)
Aluminum	3050A	ICPES[c]	40
Antimony	3050A	ICPES	12
Arsenic	7060/3050A	ICPES/GFAA[d]	2
Barium	3050A	ICPES	40
Beryllium	3050A	ICPES	1
Cadmium	3050A	ICPES	1
Calcium	3050A	ICPES	1000
Cobalt	3050A	ICPES	10
Copper	3050A	ICPES	5
Iron	3050A	ICPES	20
Lead	7421/3050A	ICPES/ICPMS[e]	0.6
Lithium	3050A	ICPES	2.5
Magnesium	3050A	ICPES	1000
Manganese	3050A	ICPES	3
Mercury	7471	CVAA[f]	0.1
Molybdenum	3050A	ICPES	2.5
Nickel	3050A	ICPES	8
Perchlorate	314.0	ICPES	0.1
Potassium	3050A	ICPES	1000
Selenium	7740/3050A	ICPES/GFAA	1
Silver	3050A	ICPES	2
Sodium	3050A	ICPES	1000
Strontium	905.0	ICPES	0.5
Thallium	7841/3050A	ICPES/GFAA/ICPMS	2
Vanadium	3050A	ICPES	10
Zinc	3050A	ICPES	4

[a] EPA = US Environmental Protection Agency

[b] EDL = estimated detection limit

[c] ICPES = inductively coupled plasma emission spectroscopy by EPA SW-846 Method 6010

[d] GFAA = graphite furnace atomic absorption spectroscopy

[e] ICPMS = inductively coupled plasma mass spectrometry by EPA SW-846 Method 6020

[f] 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)
Acetone	20
Benzene	5
Bromobenzene	5
Bromochloromethane	5
Bromodichloromethane	5
Bromoform	5
Bromomethane	10
2-Butanone	20
n-Butylbenzene	5
sec-Butylbenzene	5
tert-Butylbenzene	5
Carbon Disulfide	5
Carbon Tetrachloride	5
Chlorobenzene	5
Chlorodibromomethane	5
Chloroethane	10
Chloroform	5
Chloromethane	10
2-Chlorotoluene	5
4-Chlorotoluene	5
1,2-Dimbromo-3-chloropropane	10
1,2-Dibromoethane	5
Dibromomethane	5
1,2-Dichlorobenzene	5
1,3-Dichlorobenzene	5
1,4-Dichlorobenzene	5
Dichlorodifluoromethane	10
1,1-Dichloroethane	5
1,2-Dichloroethane	5
1,1-Dichloroethene	5
cis/trans-1,2-Dichloroethene	5
cis-1,2-Dichloroethene	5
trans-1,2-Dichloroethene	5
1,2-Dichloropropane	5
1,3-Dichloropropane	5
2,2-Dichloropropane	5
1,1-Dichloropropene	5

Target Analyte	Soil/Solids EQL* (µg/kg)
cis-1,3-Dichloropropene	5
tert-1,3-Dichloropropene	5
Ethylbenzene	5
Hexachlorobutadiene	10
2-Hexanone	20
Iodomethane	5
Isopropylbenzene	5
4-Isopropyltoluene	5
4-Methyl-2-pentanone	20
Methylene Chloride	5
Naphthalene	10
1-Propylbenzene	5
Styrene	5
1,1,1,2-Tetrachloroethane	5
1,1,2,2-Tetrachloroethane	5
Tetrachloroethene	5
Toluene	5
1,1,2-Trichloro-1,2,2-trifluoroethane	5
1,2,3-Trichlorobenzene	5
1,2,4-Trichlorobenzene	10
1,1,1-Trichloroethane	5
1,1,2-Trichloroethane	5
Trichloroethene	5
Trichlorofluoromethane	5
1,2,3-Trichloropropane	5
Trichlorotrifluoroethane	5
1,2,4-Trimethylbenzene	5
1,3,5-Trimethylbenzene	5
Vinyl chloride	10
Xylene (total)	5
1,2-Xylene	5
1,3-Xylene	5
1,3-Xylene + 1,4-Xylene	5
1,4-Xylene	5
cis-1,3-Dichloropropene	5
tert-1,3-Dichloropropene	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.

EQL=estimated quantitation limit.

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

Target Analyte	Soil/Solids EQL (µg/kg)*
Acenaphthalene	330
Acenaphthylene	330
Aniline	660
Anthracene	330
Azobenzene	660
Benzidine	1650
Benzo(a)anthracene	330
Benzo(a)pyrene	330
Benzo(b)fluoranthene	330
Benzo(g,h,i)perylene	330
Benzo(k)fluoranthene	330
Benzoic Acid	660
Benzyl Alcohol	660
Bis(2-chloroethoxy)methane	330
Bis(2-chloroethyl)ether	330
Bis(2-ethylhexyl)phthalate	330
Butylbenzylphthalate	330
Carbazole	330
4-Chloro-3-methylphenol	660
4-Chloroaniline	660
2-Chloronaphthalene	330
2-Chlorophenol	330
4-Chlorophenyl-phenyl ether	330
Chrysene	330
Dibenz(a,h)anthracene	330
Dibenzofuran	330
1,2-Dichlorobenzene	330
1,3-Dichlorobenzene	330
1,4-Dichlorobenzene	330
3,3'-Dichlorobenzidine	660
2,4-Dichlorophenol	330
Diethylphthalate	330
Dimethyl Phthalate	330
2,4-Dimethylphenol	330
Di-n-butylphthalate	330
4,6-Dinitro-2-methylphenol	1650

Target Analyte	Soil/Solids EQL (µg/kg)*
2,4-Dinitrophenol	1650
2,4-Dinitrotoluene	330
2,6-Dinitrotoluene	330
Di-n-octylphthalate	330
Diphenylamine	330
Fluoranthene	330
Fluorene	330
Hexachlorobenzene	330
Hexachlorobutadiene	330
Hexachlorocyclopentadiene	330
Hexachloroethane	330
Indeno(1,2,3-cd)pyrene	330
Isophorone	330
2-Methylnaphthalene	330
2-Methylphenol	330
4-Methylphenol	330
Naphthalene	330
2-Nitroaniline	1650
3-Nitroaniline	1650
4-Nitroaniline	660
Nitrobenzene	330
2-Nitrophenol	330
4-Nitrophenol	1650
N-Nitrosodimethylamine	660
N-Nitroso-di-n-propylamine	330
N-Nitrosodiphenylamine	330
2,2'-Oxybis(1-chloropropane)	330
Pentachlorophenol	1650
Phenanthrene	330
Phenol	330
Pyrene	330
Pyridine	660
1,2,4-Trichlorobenzene	330
2,4,5-Trichlorophenol	330
2,4,6-Trichlorophenol	330

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.

- EQL=estimated quantitation limit.

Table D-1.0-4
Target Analytes and Estimated Quantitation Limits for Pesticides Analyses

Analyte	Soil/Solids EQL (µg/kg)*
Aldrin	1.7
BHC [alpha-]	1.7
BHC [beta-]	1.7
BHC [delta-]	1.7
BHC [gamma-]	1.7
Chlordane [alpha-]	1.7
Chlordane [gamma-]	1.7
DDD [4,4'-]	3.3
DDE [4,4'-]	3.3
DDT [4,4'-]	3.3
Dieldrin	3.3
Endosulfan I	1.7
Endosulfan II	3.3
Endosulfan Sulfate	3.3*
Endrin	3.3
Endrin Aldehyde	3.3
Endrin Ketone	3.3*
Heptachlor	1.7
Heptachlor Epoxide	1.7
Methoxychlor [4,4'-]	1.7
Toxaphene (technical grade)	170

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.

EQL=estimated quantitation limit

Not in table in SW846

Table D-1.0-5
Target Analytes and Estimated Quantitation Limits for PCB Analyses

Analyte	Soil/Solids EQL (µg/kg)*
Aroclor-1016	33
Aroclor-1221	67
Aroclor-1232	33
Aroclor-1242	33
Aroclor-1248	33
Aroclor-1254	33
Aroclor-1260	33

Note: All analyses were done by EPA contract laboratory program Method OLM1.8 or the equivalent EPA Method 8081. These methods are based on solvent extraction, concentration, and gas chromatography/electron capture detection and quantitation.

* EQLs for the samples are based on no gel permeation chromatography (GPC) cleanup being performed. The laboratories' GPC equipment determines the sample-specific EQL based on the volume of extract the GPC equipment uses. However, the laboratories are requested, if possible, to report sample-specific EQLs of no more than twice the value listed in the table.

Table D-1.0-6
Target Analytes and Estimated Quantitation Limits for Radionuclide Analyses

Analyte	Soil/Solids EQL (pCi/g)*
Americium-241	0.05
Cesium-134	NA
Cesium-137	0.10
Cobalt-60	0.50
Europium-152	NA
Gross alpha	1
Gross alpha/beta	1
Gross beta	1
Plutonium-238	0.05
Plutonium-239	0.05
Ruthenium-106	NA
Sodium-22	NA
Strontium-90	0.5
Thorium-227	NA
Thorium-228	0.1
Thorium-230	0.1
Thorium-232	0.1
Tritium	250[a] (pCi/L)
Uranium-234	0.1
Uranium-235	0.1
Uranium-238	0.1

Note: All analyses were done by EPA contract laboratory program Method OLM1.8 or the equivalent EPA Method 8081. These methods are based on solvent extraction, concentration, and gas chromatography/electron capture detection and quantitation.

* EQLs for the samples are based on no gel permeation chromatography (GPC) cleanup being performed. The laboratories' GPC equipment determines the sample-specific EQL based on the volume of extract the GPC equipment uses. However, the laboratories are requested, if possible, to report sample-specific EQLs of no more than twice the value listed in the table.

D-2.0 ANALYTE SUITES AND DATA SUMMARY

Table D-2.0-1 presents all analytical results for Solid Waste Management Unit (SWMU) 21-024(i) for samples collected from the 2001 and 2002 Interim Action. The report qualifier "U" indicates the analyte was analyzed for but not detected and the reported value is the sample-specific estimated quantitation limit 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 quantitation limit or detection limit.

D-3.0 WASTE DATA SUMMARY

Samples of sludge were collected from the tank and submitted for laboratory analysis of inorganic and organic chemicals and radionuclides. Both the liquid and solid fractions of the sludge were analyzed. Tables D-3.0-1, D-3.0-2, and D-3.0-3 present a summary of the sludge data.

D-4.0 References

The following list includes all references cited in this appendix. Parenthetical information following each reference provides the author, publication date, and the Environmental Restoration (ER) identification (ID) number. This information also is included in the citations in the text. ER ID numbers are assigned by the Laboratory's Risk Reduction and Environmental Stewardship-Remediation (RRES-R) Program (formerly the ER Project) 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, where applicable, with the RRES-R 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 Area Office; United States Environmental Protection Agency, Region VI; and the RRES-R Program. 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.

LANL (Los Alamos National Laboratory), July 1995. "Statement of Work–Analytical Support," Revision 2, RFP No. 9-XS1-Q4257, Los Alamos, New Mexico. (LANL 1995, 49738)

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

Table D-2.0-1
Analytical Results for SWMU 21-024(i), 2003 RFI Report

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-05112	0121-97-0902	7.0–9.0	ALLH	Dichlorodifluoromethane	0.011	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Chloromethane	0.011	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Vinyl Chloride	0.011	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Bromomethane	0.011	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Chloroethane	0.011	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Trichlorofluoromethane	0.0053	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Dichloroethene[1,1-]	0.0053	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Iodomethane	0.0053	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Carbon disulfide	0.0053	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Acetone	0.014	mg/kg	J
21-05112	0121-97-0902	7.0–9.0	ALLH	Methylene chloride	0.019	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Dichloroethene[trans-1,2-]	0.0053	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Dichloroethane[1,1-]	0.0053	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Dichloropropane[2,2-]	0.0053	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Dichloroethene[cis-1,2-]	0.0053	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Butanone[2-]	0.021	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Bromochloromethane	0.0053	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Chloroform	0.0053	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Trichloroethane[1,1,1-]	0.0053	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Carbon tetrachloride	0.0053	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Dichloropropene[1,1-]	0.0053	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Benzene	0.0053	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Dichloroethane[1,2-]	0.0053	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Trichloroethene	0.0053	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Dichloropropane[1,2-]	0.0053	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Dibromomethane	0.0053	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Bromodichloromethane	0.0053	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Dichloropropene[trans-1,3-]	0.0053	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Methyl-2-pentanone[4-]	0.021	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Toluene	0.0053	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Dichloropropene[cis-1,3-]	0.0053	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Trichloroethane[1,1,2-]	0.0053	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Tetrachloroethene	0.0053	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Dichloropropane[1,3-]	0.0053	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Chlorodibromomethane	0.0053	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Hexanone[2-]	0.021	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Dibromoethane[1,2-]	0.0053	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Chlorobenzene	0.0053	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Tetrachloroethane[1,1,1,2-]	0.0053	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Ethylbenzene	0.0053	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Xylene[1,3-]	0.0053	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Styrene	0.0053	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Bromoform	0.0053	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Isopropylbenzene	0.0053	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Bromobenzene	0.0053	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Trichloropropane[1,2,3-]	0.0053	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Tetrachloroethane[1,1,2,2-]	0.0053	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Propylbenzene[1-]	0.0053	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-05112	0121-97-0902	7.0–9.0	ALLH	Chlorotoluene[2-]	0.0053	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Chlorotoluene[4-]	0.0053	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Trimethylbenzene[1,3,5-]	0.0053	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Butylbenzene[tert-]	0.0053	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Trimethylbenzene[1,2,4-]	0.0053	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Butylbenzene[sec-]	0.0053	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Dichlorobenzene[1,3-]	0.0053	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Dichlorobenzene[1,4-]	0.0053	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Isopropyltoluene[4-]	0.0053	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Dichlorobenzene[1,2-]	0.0053	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Butylbenzene[n-]	0.0053	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Dibromo-3-chloropropane[1,2-]	0.011	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Xylene[1,4-]	0.005	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Xylene[1,2-]	0.005	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Trichlorobenzene[1,2,4-]	0.005	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Hexachlorobutadiene	0.005	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Naphthalene	0.005	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Trichlorobenzene[1,2,3-]	0.005	mg/kg	None
21-05112	0121-97-0902	7.0–9.0	ALLH	Nitrosodimethylamine[N-]	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Aniline	0.89	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Phenol	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Bis(2-chloroethyl)ether	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Chlorophenol[2-]	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Dichlorobenzene[1,3-]	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Dichlorobenzene[1,4-]	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Dichlorobenzene[1,2-]	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Methylphenol[2-]	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Methylphenol[4-]	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Nitroso-di-n-propylamine[N-]	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Hexachloroethane	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Nitrobenzene	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Isophorone	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Nitrophenol[2-]	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Dimethylphenol[2,4-]	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Benzoic acid	1.8	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Bis(2-chloroethoxy)methane	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Dichlorophenol[2,4-]	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Trichlorobenzene[1,2,4-]	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Naphthalene	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Chloroaniline[4-]	0.89	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Hexachlorobutadiene	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Chloro-3-methylphenol[4-]	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Methylnaphthalene[2-]	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Hexachlorocyclopentadiene	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Trichlorophenol[2,4,6-]	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Trichlorophenol[2,4,5-]	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Chloronaphthalene[2-]	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Nitroaniline[2-]	1.8	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Dimethyl phthalate	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Acenaphthylene	0.36	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-05112	0121-97-0902	7.0–9.0	ALLH	Nitroaniline[3-]	1.8	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Acenaphthene	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Dinitrophenol[2,4-]	1.8	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Nitrophenol[4-]	1.8	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Dibenzofuran	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Dinitrotoluene[2,4-]	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Dinitrotoluene[2,6-]	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Diethylphthalate	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Chlorophenyl-phenyl[4-] ether	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Fluorene	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Nitroaniline[4-]	1.8	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Dinitro-2-methylphenol[4,6-]	1.8	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Nitrosodiphenylamine[N-]	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Azobenzene	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Bromophenyl-phenylether[4-]	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Hexachlorobenzene	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Pentachlorophenol	1.8	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Phenanthrene	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Anthracene	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Di-n-butylphthalate	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Fluoranthene	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Pyrene	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Butylbenzylphthalate	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Dichlorobenzidine[3,3'-]	1.8	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Benzo(a)anthracene	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Bis(2-ethylhexyl)phthalate	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Chrysene	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Di-n-octylphthalate	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Benzo(b)fluoranthene	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Benzo(a)pyrene	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Indeno(1,2,3-cd)pyrene	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Dibenz(a,h)anthracene	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Benzo(g,h,i)perylene	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Benzyl alcohol	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Carbazole	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Benzo(k)fluoranthene	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Benzidine	1.8	mg/kg	None
21-05112	0121-97-0902	7.0–9.0	ALLH	Pyridine	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Aluminum	3900	mg/kg	None
21-05112	0121-97-0902	7.0–9.0	ALLH	Antimony	0.92	mg/kg	UJ
21-05112	0121-97-0902	7.0–9.0	ALLH	Arsenic	2	mg/kg	J
21-05112	0121-97-0902	7.0–9.0	ALLH	Barium	56.6	mg/kg	None
21-05112	0121-97-0902	7.0–9.0	ALLH	Beryllium	0.74	mg/kg	J
21-05112	0121-97-0902	7.0–9.0	ALLH	Cadmium	0.08	mg/kg	J
21-05112	0121-97-0902	7.0–9.0	ALLH	Calcium	4360	mg/kg	None
21-05112	0121-97-0902	7.0–9.0	ALLH	Chromium	5.3	mg/kg	J
21-05112	0121-97-0902	7.0–9.0	ALLH	Cobalt	1.9	mg/kg	J
21-05112	0121-97-0902	7.0–9.0	ALLH	Copper	3	mg/kg	J
21-05112	0121-97-0902	7.0–9.0	ALLH	Iron	5380	mg/kg	None
21-05112	0121-97-0902	7.0–9.0	ALLH	Lead	10	mg/kg	None
21-05112	0121-97-0902	7.0–9.0	ALLH	Magnesium	971	mg/kg	J

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-05112	0121-97-0902	7.0–9.0	ALLH	Manganese	183	mg/kg	J-
21-05112	0121-97-0902	7.0–9.0	ALLH	Nickel	5.9	mg/kg	J
21-05112	0121-97-0902	7.0–9.0	ALLH	Potassium	666	mg/kg	J
21-05112	0121-97-0902	7.0–9.0	ALLH	Selenium	0.96	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Silver	0.15	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Sodium	157	mg/kg	J
21-05112	0121-97-0902	7.0–9.0	ALLH	Thallium	0.92	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Vanadium	6.9	mg/kg	J
21-05112	0121-97-0902	7.0–9.0	ALLH	Zinc	25.9	mg/kg	None
21-05112	0121-97-0902	7.0–9.0	ALLH	Mercury	0.46	mg/kg	None
21-05112	0121-97-0902	7.0–9.0	ALLH	Plutonium-238	0.004	pCi/g	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Plutonium-239	0.009	pCi/g	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Thorium-228	1.32	pCi/g	None
21-05112	0121-97-0902	7.0–9.0	ALLH	Thorium-230	0.872	pCi/g	None
21-05112	0121-97-0902	7.0–9.0	ALLH	Thorium-232	1.27	pCi/g	None
21-05112	0121-97-0902	7.0–9.0	ALLH	Uranium-234	0.636	pCi/g	None
21-05112	0121-97-0902	7.0–9.0	ALLH	Uranium-235	0.054	pCi/g	None
21-05112	0121-97-0902	7.0–9.0	ALLH	Uranium-238	0.631	pCi/g	None
21-05112	0121-97-0902	7.0–9.0	ALLH	Tritium	1186.008	pCi/g	None
21-05112	0121-97-0902	7.0–9.0	ALLH	Gross alpha	3.042	pCi/g	None
21-05112	0121-97-0902	7.0–9.0	ALLH	Gross beta	2.139	pCi/g	None
21-05112	0121-97-0902	7.0–9.0	ALLH	Americium-241	-0.032	pCi/g	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Cobalt-60	0.024	pCi/g	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Cesium-134	-0.018	pCi/g	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Cesium-137	-0.006	pCi/g	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Europium-152	0.05	pCi/g	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Sodium-22	-0.016	pCi/g	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Ruthenium-106	0.086	pCi/g	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Dichlorodifluoromethane	0.011	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Chloromethane	0.011	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Vinyl chloride	0.011	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Bromomethane	0.011	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Chloroethane	0.011	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Trichlorofluoromethane	0.0054	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Dichloroethene[1,1-]	0.0054	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Iodomethane	0.0054	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Carbon disulfide	0.0054	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Acetone	0.018	mg/kg	J
21-05113	0121-97-0903	7.0–9.0	ALLH	Methylene chloride	0.02	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Dichloroethene[trans-1,2-]	0.0054	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Dichloroethane[1,1-]	0.0054	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Dichloropropane[2,2-]	0.0054	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Dichloroethene[cis-1,2-]	0.0054	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Butanone[2-]	0.022	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Bromochloromethane	0.0054	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Chloroform	0.0054	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Trichloroethane[1,1,1-]	0.0054	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Carbon tetrachloride	0.0054	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Dichloropropene[1,1-]	0.0054	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Benzene	0.0054	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Dichloroethane[1,2-]	0.0054	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-05113	0121-97-0903	7.0–9.0	ALLH	Trichloroethene	0.0054	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Dichloropropane[1,2-]	0.0054	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Dibromomethane	0.0054	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Bromodichloromethane	0.0054	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Dichloropropene[trans-1,3-]	0.0054	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Methyl-2-pentanone[4-]	0.022	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Toluene	0.0054	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Dichloropropene[cis-1,3-]	0.0054	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Trichloroethane[1,1,2-]	0.0054	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Tetrachloroethene	0.0054	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Dichloropropane[1,3-]	0.0054	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Chlorodibromomethane	0.0054	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Hexanone[2-]	0.022	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Dibromoethane[1,2-]	0.0054	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Chlorobenzene	0.0054	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Tetrachloroethane[1,1,1,2-]	0.0054	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Ethylbenzene	0.0054	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Xylene[1,3-]	0.0054	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Styrene	0.0054	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Bromoform	0.0054	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Isopropylbenzene	0.0054	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Bromobenzene	0.0054	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Trichloropropane[1,2,3-]	0.0054	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Tetrachloroethane[1,1,2,2-]	0.0054	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Propylbenzene[1-]	0.0054	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Chlorotoluene[2-]	0.0054	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Chlorotoluene[4-]	0.0054	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Trimethylbenzene[1,3,5-]	0.0054	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Butylbenzene[tert-]	0.0054	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Trimethylbenzene[1,2,4-]	0.0054	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Butylbenzene[sec-]	0.0054	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Dichlorobenzene[1,3-]	0.0054	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Dichlorobenzene[1,4-]	0.0054	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Isopropyltoluene[4-]	0.0054	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Dichlorobenzene[1,2-]	0.0054	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Butylbenzene[n-]	0.0054	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Dibromo-3-chloropropane[1,2-]	0.011	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Xylene[1,4-]	0.005	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Xylene[1,2-]	0.005	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Trichlorobenzene[1,2,4-]	0.005	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Hexachlorobutadiene	0.005	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Naphthalene	0.005	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Trichlorobenzene[1,2,3-]	0.005	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Nitrosodimethylamine[N-]	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Aniline	0.9	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Phenol	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Bis(2-chloroethyl)ether	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Chlorophenol[2-]	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Dichlorobenzene[1,3-]	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Dichlorobenzene[1,4-]	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Dichlorobenzene[1,2-]	0.36	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-05113	0121-97-0903	7.0–9.0	ALLH	Methylphenol[2-]	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Methylphenol[4-]	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Nitroso-di-n-propylamine[N-]	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Hexachloroethane	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Nitrobenzene	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Isophorone	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Nitrophenol[2-]	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Dimethylphenol[2,4-]	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Benzoic Acid	1.8	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Bis(2-chloroethoxy)methane	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Dichlorophenol[2,4-]	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Trichlorobenzene[1,2,4-]	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Naphthalene	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Chloroaniline[4-]	0.9	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Hexachlorobutadiene	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Chloro-3-methylphenol[4-]	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Methylnaphthalene[2-]	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Hexachlorocyclopentadiene	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Trichlorophenol[2,4,6-]	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Trichlorophenol[2,4,5-]	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Chloronaphthalene[2-]	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Nitroaniline[2-]	1.8	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Dimethyl phthalate	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Acenaphthylene	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Nitroaniline[3-]	1.8	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Acenaphthene	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Dinitrophenol[2,4-]	1.8	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Nitrophenol[4-]	1.8	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Dibenzofuran	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Dinitrotoluene[2,4-]	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Dinitrotoluene[2,6-]	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Diethylphthalate	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Chlorophenyl-phenyl[4-] ether	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Fluorene	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Nitroaniline[4-]	1.8	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Dinitro-2-methylphenol[4,6-]	1.8	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Nitrosodiphenylamine[N-]	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Azobenzene	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Bromophenyl-phenylether[4-]	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Hexachlorobenzene	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Pentachlorophenol	1.8	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Phenanthrene	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Anthracene	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Di-n-butylphthalate	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Fluoranthene	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Pyrene	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Butylbenzylphthalate	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Dichlorobenzidine[3,3'-]	1.8	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Benzo(a)anthracene	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Bis(2-ethylhexyl)phthalate	0.36	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-05113	0121-97-0903	7.0–9.0	ALLH	Chrysene	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Di-n-octylphthalate	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Benzo(b)fluoranthene	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Benzo(a)pyrene	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Indeno(1,2,3-cd)pyrene	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Dibenz(a,h)anthracene	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Benzo(g,h,i)perylene	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Benzyl alcohol	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Carbazole	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Benzo(k)fluoranthene	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Pyridine	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Benzidine	1.8	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Aluminum	4380	mg/kg	None
21-05113	0121-97-0903	7.0–9.0	ALLH	Antimony	0.93	mg/kg	UJ
21-05113	0121-97-0903	7.0–9.0	ALLH	Arsenic	2	mg/kg	J
21-05113	0121-97-0903	7.0–9.0	ALLH	Barium	55	mg/kg	None
21-05113	0121-97-0903	7.0–9.0	ALLH	Beryllium	0.7	mg/kg	J
21-05113	0121-97-0903	7.0–9.0	ALLH	Cadmium	0.08	mg/kg	J
21-05113	0121-97-0903	7.0–9.0	ALLH	Calcium	2950	mg/kg	None
21-05113	0121-97-0903	7.0–9.0	ALLH	Chromium	8.2	mg/kg	J
21-05113	0121-97-0903	7.0–9.0	ALLH	Cobalt	2.5	mg/kg	J
21-05113	0121-97-0903	7.0–9.0	ALLH	Copper	3.8	mg/kg	J
21-05113	0121-97-0903	7.0–9.0	ALLH	Iron	6190	mg/kg	None
21-05113	0121-97-0903	7.0–9.0	ALLH	Lead	9.6	mg/kg	None
21-05113	0121-97-0903	7.0–9.0	ALLH	Magnesium	852	mg/kg	J
21-05113	0121-97-0903	7.0–9.0	ALLH	Manganese	192	mg/kg	J-
21-05113	0121-97-0903	7.0–9.0	ALLH	Nickel	6.9	mg/kg	J
21-05113	0121-97-0903	7.0–9.0	ALLH	Potassium	732	mg/kg	J
21-05113	0121-97-0903	7.0–9.0	ALLH	Selenium	0.97	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Silver	0.15	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Sodium	201	mg/kg	J
21-05113	0121-97-0903	7.0–9.0	ALLH	Thallium	0.93	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Vanadium	8.4	mg/kg	J
21-05113	0121-97-0903	7.0–9.0	ALLH	Zinc	22.2	mg/kg	None
21-05113	0121-97-0903	7.0–9.0	ALLH	Mercury	1.7	mg/kg	None
21-05113	0121-97-0903	7.0–9.0	ALLH	Plutonium-238	0.002	pCi/g	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Plutonium-239	0.072	pCi/g	None
21-05113	0121-97-0903	7.0–9.0	ALLH	Thorium-228	1.23	pCi/g	None
21-05113	0121-97-0903	7.0–9.0	ALLH	Thorium-230	0.97	pCi/g	None
21-05113	0121-97-0903	7.0–9.0	ALLH	Thorium-232	1.34	pCi/g	None
21-05113	0121-97-0903	7.0–9.0	ALLH	Uranium-234	0.792	pCi/g	None
21-05113	0121-97-0903	7.0–9.0	ALLH	Uranium-235	0.051	pCi/g	None
21-05113	0121-97-0903	7.0–9.0	ALLH	Uranium-238	0.749	pCi/g	None
21-05113	0121-97-0903	7.0–9.0	ALLH	Tritium	159.987	pCi/g	None
21-05113	0121-97-0903	7.0–9.0	ALLH	Gross alpha	3.606	pCi/g	None
21-05113	0121-97-0903	7.0–9.0	ALLH	Gross beta	3.126	pCi/g	None
21-05113	0121-97-0903	7.0–9.0	ALLH	Americium-241	-0.007	pCi/g	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Cobalt-60	0.008	pCi/g	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Cesium-134	-0.001	pCi/g	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Cesium-137	0.039	pCi/g	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Europium-152	-0.012	pCi/g	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-05113	0121-97-0903	7.0–9.0	ALLH	Sodium-22	0.02	pCi/g	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Ruthenium-106	-0.132	pCi/g	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Dichloropropene[cis-1,3-]	0.0054	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Trichloroethane[1,1,2-]	0.0054	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Tetrachloroethene	0.0054	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Dichloropropane[1,3-]	0.0054	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Chlorodibromomethane	0.0054	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Hexanone[2-]	0.022	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Dibromoethane[1,2-]	0.0054	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Chlorobenzene	0.0054	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Dichlorodifluoromethane	0.011	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Chloromethane	0.011	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Vinyl chloride	0.011	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Bromomethane	0.011	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Chloroethane	0.011	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Trichlorofluoromethane	0.0054	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Dichloroethene[1,1-]	0.0054	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Iodomethane	0.0054	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Carbon disulfide	0.0054	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Acetone	0.022	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Methylene chloride	0.0054	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Dichloroethene[trans-1,2-]	0.011	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Dichloroethane[1,1-]	0.0054	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Dichloropropane[2,2-]	0.0054	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Dichloroethene[cis-1,2-]	0.011	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Butanone[2-]	0.022	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Bromochloromethane	0.0054	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Chloroform	0.0054	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Trichloroethane[1,1,1-]	0.0054	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Carbon tetrachloride	0.0054	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Dichloropropene[1,1-]	0.0054	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Benzene	0.0054	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Dichloroethane[1,2-]	0.0054	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Trichloroethene	0.0054	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Dichloropropane[1,2-]	0.0054	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Dibromomethane	0.0054	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Bromodichloromethane	0.0054	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Dichloropropene[trans-1,3-]	0.0054	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Methyl-2-pentanone[4-]	0.022	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Toluene	0.0054	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Tetrachloroethane[1,1,1,2-]	0.0054	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Ethylbenzene	0.0054	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Xylene (total)	0.0054	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Styrene	0.0054	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Bromoform	0.0054	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Isopropylbenzene	0.0054	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Bromobenzene	0.0054	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Trichloropropane[1,2,3-]	0.0054	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Tetrachloroethane[1,1,2,2-]	0.0054	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Propylbenzene[1-]	0.0054	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Chlorotoluene[2-]	0.0054	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-05114	0121-97-0904	8.0–10.0	ALLH	Chlorotoluene[4-]	0.0054	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Trimethylbenzene[1,3,5-]	0.0054	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Butylbenzene[tert-]	0.0054	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Trimethylbenzene[1,2,4-]	0.0054	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Butylbenzene[sec-]	0.0054	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Dichlorobenzene[1,3-]	0.0054	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Dichlorobenzene[1,4-]	0.0054	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Isopropyltoluene[4-]	0.0054	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Dichlorobenzene[1,2-]	0.0054	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Butylbenzene[n-]	0.0054	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Dibromo-3-chloropropane[1,2-]	0.011	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0054	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Nitrosodimethylamine[N-]	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Aniline	0.71	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Phenol	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Bis(2-chloroethyl)ether	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Chlorophenol[2-]	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Dichlorobenzene[1,3-]	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Dichlorobenzene[1,4-]	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Dichlorobenzene[1,2-]	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Methylphenol[2-]	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Methylphenol[4-]	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Hexachloroethane	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Nitrobenzene	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Isophorone	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Nitrophenol[2-]	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Dimethylphenol[2,4-]	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Benzoic acid	3.5	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Bis(2-chloroethoxy)methane	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Dichlorophenol[2,4-]	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Trichlorobenzene[1,2,4-]	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Naphthalene	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Chloroaniline[4-]	1.4	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Hexachlorobutadiene	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Chloro-3-methylphenol[4-]	0.71	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Methylnaphthalene[2-]	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Hexachlorocyclopentadiene	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Trichlorophenol[2,4,6-]	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Trichlorophenol[2,4,5-]	1.7	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Chloronaphthalene[2-]	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Nitroaniline[2-]	1.7	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Dimethyl phthalate	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Acenaphthylene	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Nitroaniline[3-]	1.7	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Acenaphthene	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Dinitrophenol[2,4-]	1.7	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Nitrophenol[4-]	1.7	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Dibenzofuran	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Dinitrotoluene[2,4-]	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Dinitrotoluene[2,6-]	0.35	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-05114	0121-97-0904	8.0–10.0	ALLH	Diethylphthalate	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Chlorophenyl-phenyl[4-] ether	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Fluorene	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Nitroaniline[4-]	0.71	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Nitrosodiphenylamine[N-]	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Azobenzene	0.71	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Bromophenyl-phenylether[4-]	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Hexachlorobenzene	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Pentachlorophenol	1.7	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Phenanthrene	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Anthracene	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Di-n-butylphthalate	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Fluoranthene	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Pyrene	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Butylbenzylphthalate	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Dichlorobenzidine[3,3'-]	0.71	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Benzo(a)anthracene	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Bis(2-ethylhexyl)phthalate	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Chrysene	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Di-n-octylphthalate	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Benzo(b)fluoranthene	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Benzo(k)fluoranthene	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Benzo(a)pyrene	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Dibenz(a,h)anthracene	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Benzo(g,h,i)perylene	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Benzyl alcohol	1.4	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Lead	9.4	mg/kg	J-
21-05114	0121-97-0904	8.0–10.0	ALLH	Thallium	0.27	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Selenium	0.22	mg/kg	UJ
21-05114	0121-97-0904	8.0–10.0	ALLH	Arsenic	0.97	mg/kg	None
21-05114	0121-97-0904	8.0–10.0	ALLH	Mercury	0.11	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Aluminum	3900	mg/kg	None
21-05114	0121-97-0904	8.0–10.0	ALLH	Antimony	11	mg/kg	UJ
21-05114	0121-97-0904	8.0–10.0	ALLH	Barium	52	mg/kg	None
21-05114	0121-97-0904	8.0–10.0	ALLH	Beryllium	0.54	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Cadmium	0.54	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Calcium	2500	mg/kg	None
21-05114	0121-97-0904	8.0–10.0	ALLH	Chromium	4.5	mg/kg	None
21-05114	0121-97-0904	8.0–10.0	ALLH	Cobalt	1.6	mg/kg	None
21-05114	0121-97-0904	8.0–10.0	ALLH	Copper	2.7	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Iron	6600	mg/kg	None
21-05114	0121-97-0904	8.0–10.0	ALLH	Magnesium	860	mg/kg	None
21-05114	0121-97-0904	8.0–10.0	ALLH	Manganese	200	mg/kg	J-
21-05114	0121-97-0904	8.0–10.0	ALLH	Nickel	4.2	mg/kg	None
21-05114	0121-97-0904	8.0–10.0	ALLH	Potassium	1100	mg/kg	None
21-05114	0121-97-0904	8.0–10.0	ALLH	Silver	2.2	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Sodium	100	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Vanadium	6	mg/kg	None

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-05114	0121-97-0904	8.0–10.0	ALLH	Zinc	24	mg/kg	J-
21-05114	0121-97-0904	8.0–10.0	ALLH	Uranium-234	0.29	pCi/g	None
21-05114	0121-97-0904	8.0–10.0	ALLH	Uranium-235	0.011	pCi/g	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Uranium-238	0.294	pCi/g	None
21-05114	0121-97-0904	8.0–10.0	ALLH	Thorium-227	0.027	pCi/g	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Thorium-228	0.466	pCi/g	None
21-05114	0121-97-0904	8.0–10.0	ALLH	Thorium-230	0.317	pCi/g	None
21-05114	0121-97-0904	8.0–10.0	ALLH	Thorium-232	0.526	pCi/g	None
21-05114	0121-97-0904	8.0–10.0	ALLH	Americium-241	0	pCi/g	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Cobalt-60	-0.017	pCi/g	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Cesium-137	0.024	pCi/g	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Europium-152	0.251	pCi/g	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Sodium-22	-0.002	pCi/g	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Ruthenium-106	0.23	pCi/g	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Gross alpha	1.38	pCi/g	None
21-05114	0121-97-0904	8.0–10.0	ALLH	Gross beta	1.42	pCi/g	None
21-05114	0121-97-0904	8.0–10.0	ALLH	Plutonium-238	0	pCi/g	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Plutonium-239	0.016	pCi/g	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Dichlorodifluoromethane	0.011	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Chloromethane	0.011	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Vinyl chloride	0.011	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Bromomethane	0.011	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Chloroethane	0.011	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Trichlorofluoromethane	0.0054	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Dichloroethene[1,1-]	0.0054	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Iodomethane	0.0054	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Carbon disulfide	0.0054	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Acetone	0.022	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Methylene chloride	0.0054	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Dichloroethene[trans-1,2-]	0.011	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Dichloroethane[1,1-]	0.0054	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Dichloropropane[2,2-]	0.0054	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Dichloroethene[cis-1,2-]	0.011	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Butanone[2-]	0.022	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Bromochloromethane	0.0054	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Chloroform	0.0054	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Trichloroethane[1,1,1-]	0.0054	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Carbon tetrachloride	0.0054	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Dichloropropene[1,1-]	0.0054	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Benzene	0.0054	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Dichloroethane[1,2-]	0.0054	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Trichloroethene	0.0054	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Dichloropropane[1,2-]	0.0054	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Dibromomethane	0.0054	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Bromodichloromethane	0.0054	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Dichloropropene[trans-1,3-]	0.0054	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Methyl-2-pentanone[4-]	0.022	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Toluene	0.0054	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Dichloropropene[cis-1,3-]	0.0054	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Trichloroethane[1,1,2-]	0.0054	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Tetrachloroethene	0.0054	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-05115	0121-97-0905	8.0–10.0	ALLH	Dichloropropane[1,3-]	0.0054	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Chlorodibromomethane	0.0054	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Hexanone[2-]	0.022	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Dibromoethane[1,2-]	0.0054	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Chlorobenzene	0.0054	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Tetrachloroethane[1,1,1,2-]	0.0054	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Ethylbenzene	0.0054	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Xylene (total)	0.0054	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Styrene	0.0054	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Bromoform	0.0054	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Isopropylbenzene	0.0054	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Bromobenzene	0.0054	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Trichloropropane[1,2,3-]	0.0054	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Tetrachloroethane[1,1,2,2-]	0.0054	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Propylbenzene[1-]	0.0054	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Chlorotoluene[2-]	0.0054	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Chlorotoluene[4-]	0.0054	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Trimethylbenzene[1,3,5-]	0.0054	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Butylbenzene[tert-]	0.0054	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Trimethylbenzene[1,2,4-]	0.0054	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Butylbenzene[sec-]	0.0054	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Dichlorobenzene[1,3-]	0.0054	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Dichlorobenzene[1,4-]	0.0054	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Isopropyltoluene[4-]	0.0054	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Dichlorobenzene[1,2-]	0.0054	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Butylbenzene[n-]	0.0054	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Dibromo-3-chloropropane[1,2-]	0.011	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0054	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Nitrosodimethylamine[N-]	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Aniline	0.71	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Phenol	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Bis(2-chloroethyl)ether	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Chlorophenol[2-]	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Dichlorobenzene[1,3-]	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Dichlorobenzene[1,4-]	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Dichlorobenzene[1,2-]	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Methylphenol[2-]	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Methylphenol[4-]	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Hexachloroethane	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Nitrobenzene	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Isophorone	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Nitrophenol[2-]	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Dimethylphenol[2,4-]	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Benzoic acid	3.5	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Bis(2-chloroethoxy)methane	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Dichlorophenol[2,4-]	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Trichlorobenzene[1,2,4-]	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Naphthalene	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Chloroaniline[4-]	1.4	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Hexachlorobutadiene	0.35	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-05115	0121-97-0905	8.0–10.0	ALLH	Chloro-3-methylphenol[4-]	0.71	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Methylnaphthalene[2-]	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Hexachlorocyclopentadiene	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Trichlorophenol[2,4,6-]	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Trichlorophenol[2,4,5-]	1.7	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Chloronaphthalene[2-]	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Nitroaniline[2-]	1.7	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Dimethyl phthalate	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Acenaphthylene	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Nitroaniline[3-]	1.7	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Acenaphthene	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Dinitrophenol[2,4-]	1.7	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Nitrophenol[4-]	1.7	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Dibenzofuran	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Dinitrotoluene[2,4-]	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Dinitrotoluene[2,6-]	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Diethylphthalate	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Chlorophenyl-phenyl[4-] ether	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Fluorene	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Nitroaniline[4-]	0.71	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Nitrosodiphenylamine[N-]	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Azobenzene	0.71	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Bromophenyl-phenylether[4-]	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Hexachlorobenzene	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Pentachlorophenol	1.7	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Phenanthrene	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Anthracene	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Di-n-butylphthalate	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Fluoranthene	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Pyrene	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Butylbenzylphthalate	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Dichlorobenzidine[3,3'-]	0.71	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Benzo(a)anthracene	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Bis(2-ethylhexyl)phthalate	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Chrysene	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Di-n-octylphthalate	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Benzo(b)fluoranthene	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Benzo(k)fluoranthene	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Benzo(a)pyrene	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Dibenz(a,h)anthracene	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Benzo(g,h,i)perylene	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Benzyl alcohol	1.4	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Selenium	0.22	mg/kg	UJ
21-05115	0121-97-0905	8.0–10.0	ALLH	Lead	11	mg/kg	J-
21-05115	0121-97-0905	8.0–10.0	ALLH	Thallium	0.27	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Arsenic	1.1	mg/kg	None
21-05115	0121-97-0905	8.0–10.0	ALLH	Mercury	0.11	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Aluminum	3300	mg/kg	None

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-05115	0121-97-0905	8.0–10.0	ALLH	Antimony	11	mg/kg	UJ
21-05115	0121-97-0905	8.0–10.0	ALLH	Barium	49	mg/kg	None
21-05115	0121-97-0905	8.0–10.0	ALLH	Beryllium	0.54	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Cadmium	0.54	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Calcium	3000	mg/kg	None
21-05115	0121-97-0905	8.0–10.0	ALLH	Chromium	5.3	mg/kg	None
21-05115	0121-97-0905	8.0–10.0	ALLH	Cobalt	1.5	mg/kg	None
21-05115	0121-97-0905	8.0–10.0	ALLH	Copper	3.2	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Iron	6000	mg/kg	None
21-05115	0121-97-0905	8.0–10.0	ALLH	Magnesium	850	mg/kg	None
21-05115	0121-97-0905	8.0–10.0	ALLH	Manganese	180	mg/kg	J-
21-05115	0121-97-0905	8.0–10.0	ALLH	Nickel	4.6	mg/kg	None
21-05115	0121-97-0905	8.0–10.0	ALLH	Potassium	980	mg/kg	None
21-05115	0121-97-0905	8.0–10.0	ALLH	Silver	2.2	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Sodium	100	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Vanadium	5.5	mg/kg	None
21-05115	0121-97-0905	8.0–10.0	ALLH	Zinc	24	mg/kg	J-
21-05115	0121-97-0905	8.0–10.0	ALLH	Uranium-234	0.178	pCi/g	None
21-05115	0121-97-0905	8.0–10.0	ALLH	Uranium-235	0.012	pCi/g	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Uranium-238	0.176	pCi/g	None
21-05115	0121-97-0905	8.0–10.0	ALLH	Thorium-227	0.058	pCi/g	None
21-05115	0121-97-0905	8.0–10.0	ALLH	Thorium-228	0.535	pCi/g	None
21-05115	0121-97-0905	8.0–10.0	ALLH	Thorium-230	0.374	pCi/g	None
21-05115	0121-97-0905	8.0–10.0	ALLH	Thorium-232	0.558	pCi/g	None
21-05115	0121-97-0905	8.0–10.0	ALLH	Americium-241	0.01	pCi/g	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Cobalt-60	-0.023	pCi/g	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Cesium-137	0.121	pCi/g	None
21-05115	0121-97-0905	8.0–10.0	ALLH	Europium-152	0.156	pCi/g	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Sodium-22	-0.028	pCi/g	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Ruthenium-106	0.003	pCi/g	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Gross alpha	1.57	pCi/g	None
21-05115	0121-97-0905	8.0–10.0	ALLH	Gross beta	1.5	pCi/g	None
21-05115	0121-97-0905	8.0–10.0	ALLH	Plutonium-238	0.023	pCi/g	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Plutonium-239	0.099	pCi/g	None
21-05362	0121-97-1221	0.0–0.5	ALLH	Americium-241	0.048	pCi/g	U
21-05362	0121-97-1221	0.0–0.5	ALLH	Cobalt-60	-0.0458	pCi/g	U
21-05362	0121-97-1221	0.0–0.5	ALLH	Cesium-134	0.009	pCi/g	U
21-05362	0121-97-1221	0.0–0.5	ALLH	Cesium-137	0.113	pCi/g	None
21-05362	0121-97-1221	0.0–0.5	ALLH	Europium-152	-0.045	pCi/g	U
21-05362	0121-97-1221	0.0–0.5	ALLH	Sodium-22	-0.0079	pCi/g	U
21-05362	0121-97-1221	0.0–0.5	ALLH	Ruthenium-106	0.178	pCi/g	U
21-05362	0121-97-1221	0.0–0.5	ALLH	Thorium-228	1.2	pCi/g	None
21-05362	0121-97-1221	0.0–0.5	ALLH	Thorium-230	0.973	pCi/g	None
21-05362	0121-97-1221	0.0–0.5	ALLH	Thorium-232	1.34	pCi/g	None
21-05362	0121-97-1221	0.0–0.5	ALLH	Uranium-234	7.25	pCi/g	None
21-05362	0121-97-1221	0.0–0.5	ALLH	Uranium-235	0.306	pCi/g	None
21-05362	0121-97-1221	0.0–0.5	ALLH	Uranium-238	3.45	pCi/g	None
21-05362	0121-97-1221	0.0–0.5	ALLH	Tritium	0.61	pCi/g	None
21-05362	0121-97-1221	0.0–0.5	ALLH	Aluminum	4570	mg/kg	None
21-05362	0121-97-1221	0.0–0.5	ALLH	Antimony	6.6	mg/kg	J
21-05362	0121-97-1221	0.0–0.5	ALLH	Barium	234	mg/kg	None

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-05362	0121-97-1221	0.0–0.5	ALLH	Beryllium	0.69	mg/kg	J
21-05362	0121-97-1221	0.0–0.5	ALLH	Cadmium	1	mg/kg	J
21-05362	0121-97-1221	0.0–0.5	ALLH	Calcium	3080	mg/kg	None
21-05362	0121-97-1221	0.0–0.5	ALLH	Chromium	42.5	mg/kg	None
21-05362	0121-97-1221	0.0–0.5	ALLH	Cobalt	5.2	mg/kg	J
21-05362	0121-97-1221	0.0–0.5	ALLH	Copper	17.1	mg/kg	None
21-05362	0121-97-1221	0.0–0.5	ALLH	Iron	6300	mg/kg	None
21-05362	0121-97-1221	0.0–0.5	ALLH	Lead	144	mg/kg	None
21-05362	0121-97-1221	0.0–0.5	ALLH	Magnesium	1010	mg/kg	J
21-05362	0121-97-1221	0.0–0.5	ALLH	Manganese	172	mg/kg	J+
21-05362	0121-97-1221	0.0–0.5	ALLH	Nickel	4.4	mg/kg	J
21-05362	0121-97-1221	0.0–0.5	ALLH	Potassium	1040	mg/kg	J
21-05362	0121-97-1221	0.0–0.5	ALLH	Silver	1.4	mg/kg	U
21-05362	0121-97-1221	0.0–0.5	ALLH	Sodium	147	mg/kg	J
21-05362	0121-97-1221	0.0–0.5	ALLH	Vanadium	33.1	mg/kg	None
21-05362	0121-97-1221	0.0–0.5	ALLH	Zinc	199	mg/kg	None
21-05362	0121-97-1221	0.0–0.5	ALLH	Thallium	0.21	mg/kg	UJ
21-05362	0121-97-1221	0.0–0.5	ALLH	Arsenic	5.7	mg/kg	J-
21-05362	0121-97-1221	0.0–0.5	ALLH	Selenium	0.5	mg/kg	J-
21-05362	0121-97-1221	0.0–0.5	ALLH	Mercury	9.1	mg/kg	None
21-05425	0121-97-1222	1.5–2.0	ALLH	Cobalt-60	0.004	pCi/g	U
21-05425	0121-97-1222	1.5–2.0	ALLH	Cesium-134	-0.009	pCi/g	U
21-05425	0121-97-1222	1.5–2.0	ALLH	Americium-241	-0.032	pCi/g	U
21-05425	0121-97-1222	1.5–2.0	ALLH	Cesium-137	0.0238	pCi/g	U
21-05425	0121-97-1222	1.5–2.0	ALLH	Europium-152	0.028	pCi/g	U
21-05425	0121-97-1222	1.5–2.0	ALLH	Sodium-22	0.0191	pCi/g	U
21-05425	0121-97-1222	1.5–2.0	ALLH	Ruthenium-106	-0.144	pCi/g	U
21-05425	0121-97-1222	1.5–2.0	ALLH	Thorium-228	1.51	pCi/g	None
21-05425	0121-97-1222	1.5–2.0	ALLH	Thorium-230	1.05	pCi/g	None
21-05425	0121-97-1222	1.5–2.0	ALLH	Thorium-232	1.55	pCi/g	None
21-05425	0121-97-1222	1.5–2.0	ALLH	Uranium-234	0.82	pCi/g	None
21-05425	0121-97-1222	1.5–2.0	ALLH	Uranium-235	0.0451	pCi/g	None
21-05425	0121-97-1222	1.5–2.0	ALLH	Uranium-238	0.768	pCi/g	None
21-05425	0121-97-1222	1.5–2.0	ALLH	Tritium	0.05	pCi/g	None
21-05425	0121-97-1222	1.5–2.0	ALLH	Aluminum	2020	mg/kg	None
21-05425	0121-97-1222	1.5–2.0	ALLH	Antimony	5.6	mg/kg	U
21-05425	0121-97-1222	1.5–2.0	ALLH	Barium	28.4	mg/kg	J
21-05425	0121-97-1222	1.5–2.0	ALLH	Beryllium	0.55	mg/kg	J
21-05425	0121-97-1222	1.5–2.0	ALLH	Cadmium	0.85	mg/kg	U
21-05425	0121-97-1222	1.5–2.0	ALLH	Calcium	841	mg/kg	J
21-05425	0121-97-1222	1.5–2.0	ALLH	Cobalt	1.7	mg/kg	J
21-05425	0121-97-1222	1.5–2.0	ALLH	Copper	1.8	mg/kg	J
21-05425	0121-97-1222	1.5–2.0	ALLH	Iron	2820	mg/kg	None
21-05425	0121-97-1222	1.5–2.0	ALLH	Magnesium	392	mg/kg	J
21-05425	0121-97-1222	1.5–2.0	ALLH	Manganese	134	mg/kg	J+
21-05425	0121-97-1222	1.5–2.0	ALLH	Nickel	2.3	mg/kg	U
21-05425	0121-97-1222	1.5–2.0	ALLH	Potassium	479	mg/kg	J
21-05425	0121-97-1222	1.5–2.0	ALLH	Silver	1.4	mg/kg	U
21-05425	0121-97-1222	1.5–2.0	ALLH	Sodium	98.2	mg/kg	J
21-05425	0121-97-1222	1.5–2.0	ALLH	Vanadium	4.1	mg/kg	J
21-05425	0121-97-1222	1.5–2.0	ALLH	Zinc	10.3	mg/kg	None

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-05425	0121-97-1222	1.5–2.0	ALLH	Thallium	0.21	mg/kg	UJ
21-05425	0121-97-1222	1.5–2.0	ALLH	Arsenic	0.82	mg/kg	J-
21-05425	0121-97-1222	1.5–2.0	ALLH	Selenium	0.3	mg/kg	UJ
21-05425	0121-97-1222	1.5–2.0	ALLH	Lead	5.3	mg/kg	None
21-05425	0121-97-1222	1.5–2.0	ALLH	Mercury	0.05	mg/kg	U
21-05425	0121-97-1222	1.5–2.0	ALLH	Chromium	2.6	mg/kg	None
21-05362	0121-97-1223	0.5–1.0	ALLH	Americium-241	-0.0053	pCi/g	U
21-05362	0121-97-1223	0.5–1.0	ALLH	Cobalt-60	-0.028	pCi/g	U
21-05362	0121-97-1223	0.5–1.0	ALLH	Cesium-134	0.0049	pCi/g	U
21-05362	0121-97-1223	0.5–1.0	ALLH	Cesium-137	0.1531	pCi/g	None
21-05362	0121-97-1223	0.5–1.0	ALLH	Europium-152	-0.0117	pCi/g	U
21-05362	0121-97-1223	0.5–1.0	ALLH	Sodium-22	0.024	pCi/g	U
21-05362	0121-97-1223	0.5–1.0	ALLH	Ruthenium-106	-0.048	pCi/g	U
21-05362	0121-97-1223	0.5–1.0	ALLH	Thorium-228	1.41	pCi/g	None
21-05362	0121-97-1223	0.5–1.0	ALLH	Thorium-230	0.912	pCi/g	None
21-05362	0121-97-1223	0.5–1.0	ALLH	Thorium-232	1.37	pCi/g	None
21-05362	0121-97-1223	0.5–1.0	ALLH	Uranium-234	4.95	pCi/g	None
21-05362	0121-97-1223	0.5–1.0	ALLH	Uranium-235	0.189	pCi/g	None
21-05362	0121-97-1223	0.5–1.0	ALLH	Uranium-238	2.39	pCi/g	None
21-05362	0121-97-1223	0.5–1.0	ALLH	Tritium	0.41	pCi/g	None
21-05362	0121-97-1223	0.5–1.0	ALLH	Aluminum	3550	mg/kg	None
21-05362	0121-97-1223	0.5–1.0	ALLH	Antimony	5.5	mg/kg	U
21-05362	0121-97-1223	0.5–1.0	ALLH	Barium	165	mg/kg	None
21-05362	0121-97-1223	0.5–1.0	ALLH	Beryllium	0.58	mg/kg	J
21-05362	0121-97-1223	0.5–1.0	ALLH	Cadmium	0.82	mg/kg	U
21-05362	0121-97-1223	0.5–1.0	ALLH	Calcium	2150	mg/kg	None
21-05362	0121-97-1223	0.5–1.0	ALLH	Chromium	25	mg/kg	None
21-05362	0121-97-1223	0.5–1.0	ALLH	Cobalt	4.2	mg/kg	J
21-05362	0121-97-1223	0.5–1.0	ALLH	Copper	11.5	mg/kg	None
21-05362	0121-97-1223	0.5–1.0	ALLH	Iron	5530	mg/kg	None
21-05362	0121-97-1223	0.5–1.0	ALLH	Lead	83.6	mg/kg	None
21-05362	0121-97-1223	0.5–1.0	ALLH	Magnesium	742	mg/kg	J
21-05362	0121-97-1223	0.5–1.0	ALLH	Manganese	189	mg/kg	J+
21-05362	0121-97-1223	0.5–1.0	ALLH	Nickel	4.3	mg/kg	J
21-05362	0121-97-1223	0.5–1.0	ALLH	Potassium	846	mg/kg	J
21-05362	0121-97-1223	0.5–1.0	ALLH	Silver	1.4	mg/kg	U
21-05362	0121-97-1223	0.5–1.0	ALLH	Sodium	168	mg/kg	J
21-05362	0121-97-1223	0.5–1.0	ALLH	Vanadium	25.1	mg/kg	None
21-05362	0121-97-1223	0.5–1.0	ALLH	Zinc	128	mg/kg	None
21-05362	0121-97-1223	0.5–1.0	ALLH	Thallium	0.21	mg/kg	UJ
21-05362	0121-97-1223	0.5–1.0	ALLH	Arsenic	4.5	mg/kg	J-
21-05362	0121-97-1223	0.5–1.0	ALLH	Selenium	0.29	mg/kg	J-
21-05362	0121-97-1223	0.5–1.0	ALLH	Mercury	5.1	mg/kg	None
21-05379	0121-97-1224	0.5–1.0	ALLH	Sodium-22	0.031	pCi/g	U
21-05379	0121-97-1224	0.5–1.0	ALLH	Ruthenium-106	-0.027	pCi/g	U
21-05379	0121-97-1224	0.5–1.0	ALLH	Americium-241	0.027	pCi/g	U
21-05379	0121-97-1224	0.5–1.0	ALLH	Cobalt-60	0.0037	pCi/g	U
21-05379	0121-97-1224	0.5–1.0	ALLH	Cesium-134	0.01	pCi/g	U
21-05379	0121-97-1224	0.5–1.0	ALLH	Cesium-137	0.149	pCi/g	None
21-05379	0121-97-1224	0.5–1.0	ALLH	Europium-152	-0.034	pCi/g	U
21-05379	0121-97-1224	0.5–1.0	ALLH	Thorium-228	1.25	pCi/g	None

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-05379	0121-97-1224	0.5–1.0	ALLH	Thorium-230	0.932	pCi/g	None
21-05379	0121-97-1224	0.5–1.0	ALLH	Thorium-232	1.18	pCi/g	None
21-05379	0121-97-1224	0.5–1.0	ALLH	Uranium-234	4.93	pCi/g	None
21-05379	0121-97-1224	0.5–1.0	ALLH	Uranium-235	0.178	pCi/g	None
21-05379	0121-97-1224	0.5–1.0	ALLH	Uranium-238	2.25	pCi/g	None
21-05379	0121-97-1224	0.5–1.0	ALLH	Tritium	0.45	pCi/g	None
21-05379	0121-97-1224	0.5–1.0	ALLH	Aluminum	4260	mg/kg	None
21-05379	0121-97-1224	0.5–1.0	ALLH	Antimony	5.7	mg/kg	U
21-05379	0121-97-1224	0.5–1.0	ALLH	Barium	198	mg/kg	None
21-05379	0121-97-1224	0.5–1.0	ALLH	Beryllium	0.61	mg/kg	J
21-05379	0121-97-1224	0.5–1.0	ALLH	Cadmium	0.86	mg/kg	U
21-05379	0121-97-1224	0.5–1.0	ALLH	Calcium	2130	mg/kg	None
21-05379	0121-97-1224	0.5–1.0	ALLH	Chromium	26.5	mg/kg	None
21-05379	0121-97-1224	0.5–1.0	ALLH	Cobalt	3.6	mg/kg	J
21-05379	0121-97-1224	0.5–1.0	ALLH	Copper	14.1	mg/kg	None
21-05379	0121-97-1224	0.5–1.0	ALLH	Iron	5920	mg/kg	None
21-05379	0121-97-1224	0.5–1.0	ALLH	Lead	76.9	mg/kg	None
21-05379	0121-97-1224	0.5–1.0	ALLH	Magnesium	953	mg/kg	J
21-05379	0121-97-1224	0.5–1.0	ALLH	Manganese	214	mg/kg	J+
21-05379	0121-97-1224	0.5–1.0	ALLH	Nickel	2.6	mg/kg	J
21-05379	0121-97-1224	0.5–1.0	ALLH	Potassium	934	mg/kg	J
21-05379	0121-97-1224	0.5–1.0	ALLH	Silver	1.5	mg/kg	U
21-05379	0121-97-1224	0.5–1.0	ALLH	Sodium	109	mg/kg	J
21-05379	0121-97-1224	0.5–1.0	ALLH	Vanadium	30	mg/kg	None
21-05379	0121-97-1224	0.5–1.0	ALLH	Zinc	162	mg/kg	None
21-05379	0121-97-1224	0.5–1.0	ALLH	Thallium	0.22	mg/kg	UJ
21-05379	0121-97-1224	0.5–1.0	ALLH	Arsenic	4.1	mg/kg	J-
21-05379	0121-97-1224	0.5–1.0	ALLH	Selenium	0.41	mg/kg	J-
21-05379	0121-97-1224	0.5–1.0	ALLH	Mercury	7.2	mg/kg	None
21-05379	0121-97-1225	0.5–1.0	ALLH	Americium-241	-0.136	pCi/g	U
21-05379	0121-97-1225	0.5–1.0	ALLH	Cobalt-60	-0.0147	pCi/g	U
21-05379	0121-97-1225	0.5–1.0	ALLH	Cesium-134	-0.0141	pCi/g	U
21-05379	0121-97-1225	0.5–1.0	ALLH	Cesium-137	0.0311	pCi/g	U
21-05379	0121-97-1225	0.5–1.0	ALLH	Europium-152	-0.0589	pCi/g	U
21-05379	0121-97-1225	0.5–1.0	ALLH	Sodium-22	-0.0171	pCi/g	U
21-05379	0121-97-1225	0.5–1.0	ALLH	Ruthenium-106	0.081	pCi/g	U
21-05379	0121-97-1225	0.5–1.0	ALLH	Thorium-228	1.46	pCi/g	None
21-05379	0121-97-1225	0.5–1.0	ALLH	Thorium-230	0.89	pCi/g	None
21-05379	0121-97-1225	0.5–1.0	ALLH	Thorium-232	1.38	pCi/g	None
21-05379	0121-97-1225	0.5–1.0	ALLH	Uranium-234	2.21	pCi/g	None
21-05379	0121-97-1225	0.5–1.0	ALLH	Uranium-235	0.0901	pCi/g	None
21-05379	0121-97-1225	0.5–1.0	ALLH	Uranium-238	1.23	pCi/g	None
21-05379	0121-97-1225	0.5–1.0	ALLH	Tritium	0.23	pCi/g	None
21-05379	0121-97-1225	0.5–1.0	ALLH	Aluminum	1910	mg/kg	None
21-05379	0121-97-1225	0.5–1.0	ALLH	Antimony	5.9	mg/kg	U
21-05379	0121-97-1225	0.5–1.0	ALLH	Barium	76.2	mg/kg	None
21-05379	0121-97-1225	0.5–1.0	ALLH	Beryllium	0.42	mg/kg	J
21-05379	0121-97-1225	0.5–1.0	ALLH	Cadmium	0.89	mg/kg	U
21-05379	0121-97-1225	0.5–1.0	ALLH	Calcium	1100	mg/kg	J
21-05379	0121-97-1225	0.5–1.0	ALLH	Chromium	8.3	mg/kg	None
21-05379	0121-97-1225	0.5–1.0	ALLH	Cobalt	1.9	mg/kg	J

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-05379	0121-97-1225	0.5–1.0	ALLH	Copper	4.9	mg/kg	J
21-05379	0121-97-1225	0.5–1.0	ALLH	Iron	3080	mg/kg	None
21-05379	0121-97-1225	0.5–1.0	ALLH	Magnesium	400	mg/kg	J
21-05379	0121-97-1225	0.5–1.0	ALLH	Manganese	164	mg/kg	J+
21-05379	0121-97-1225	0.5–1.0	ALLH	Nickel	3.6	mg/kg	J
21-05379	0121-97-1225	0.5–1.0	ALLH	Potassium	463	mg/kg	J
21-05379	0121-97-1225	0.5–1.0	ALLH	Silver	1.5	mg/kg	U
21-05379	0121-97-1225	0.5–1.0	ALLH	Sodium	125	mg/kg	J
21-05379	0121-97-1225	0.5–1.0	ALLH	Vanadium	12.7	mg/kg	None
21-05379	0121-97-1225	0.5–1.0	ALLH	Zinc	58.3	mg/kg	None
21-05379	0121-97-1225	0.5–1.0	ALLH	Thallium	0.22	mg/kg	UJ
21-05379	0121-97-1225	0.5–1.0	ALLH	Arsenic	2.5	mg/kg	J-
21-05379	0121-97-1225	0.5–1.0	ALLH	Selenium	0.33	mg/kg	J-
21-05379	0121-97-1225	0.5–1.0	ALLH	Lead	21.6	mg/kg	None
21-05379	0121-97-1225	0.5–1.0	ALLH	Mercury	2.4	mg/kg	None
21-05357	0121-97-1226	0.5–1.0	ALLH	Americium-241	0.0438	pCi/g	U
21-05357	0121-97-1226	0.5–1.0	ALLH	Cobalt-60	-0.0097	pCi/g	U
21-05357	0121-97-1226	0.5–1.0	ALLH	Cesium-134	0.005	pCi/g	U
21-05357	0121-97-1226	0.5–1.0	ALLH	Cesium-137	0.248	pCi/g	None
21-05357	0121-97-1226	0.5–1.0	ALLH	Europium-152	-0.0022	pCi/g	U
21-05357	0121-97-1226	0.5–1.0	ALLH	Sodium-22	-0.023	pCi/g	U
21-05357	0121-97-1226	0.5–1.0	ALLH	Ruthenium-106	-0.189	pCi/g	U
21-05357	0121-97-1226	0.5–1.0	ALLH	Thorium-228	1.37	pCi/g	None
21-05357	0121-97-1226	0.5–1.0	ALLH	Thorium-230	1.24	pCi/g	None
21-05357	0121-97-1226	0.5–1.0	ALLH	Thorium-232	1.41	pCi/g	None
21-05357	0121-97-1226	0.5–1.0	ALLH	Uranium-234	1.11	pCi/g	None
21-05357	0121-97-1226	0.5–1.0	ALLH	Uranium-235	0.0541	pCi/g	None
21-05357	0121-97-1226	0.5–1.0	ALLH	Uranium-238	1.12	pCi/g	None
21-05357	0121-97-1226	0.5–1.0	ALLH	Tritium	0.11	pCi/g	None
21-05357	0121-97-1226	0.5–1.0	ALLH	Aluminum	7520	mg/kg	None
21-05357	0121-97-1226	0.5–1.0	ALLH	Antimony	5.9	mg/kg	U
21-05357	0121-97-1226	0.5–1.0	ALLH	Barium	102	mg/kg	None
21-05357	0121-97-1226	0.5–1.0	ALLH	Beryllium	0.77	mg/kg	J
21-05357	0121-97-1226	0.5–1.0	ALLH	Cadmium	0.89	mg/kg	U
21-05357	0121-97-1226	0.5–1.0	ALLH	Calcium	2150	mg/kg	None
21-05357	0121-97-1226	0.5–1.0	ALLH	Chromium	7.7	mg/kg	None
21-05357	0121-97-1226	0.5–1.0	ALLH	Cobalt	5.9	mg/kg	J
21-05357	0121-97-1226	0.5–1.0	ALLH	Copper	7.1	mg/kg	None
21-05357	0121-97-1226	0.5–1.0	ALLH	Iron	9820	mg/kg	None
21-05357	0121-97-1226	0.5–1.0	ALLH	Magnesium	1600	mg/kg	None
21-05357	0121-97-1226	0.5–1.0	ALLH	Manganese	373	mg/kg	J+
21-05357	0121-97-1226	0.5–1.0	ALLH	Nickel	7	mg/kg	J
21-05357	0121-97-1226	0.5–1.0	ALLH	Potassium	1650	mg/kg	None
21-05357	0121-97-1226	0.5–1.0	ALLH	Silver	1.5	mg/kg	U
21-05357	0121-97-1226	0.5–1.0	ALLH	Sodium	112	mg/kg	J
21-05357	0121-97-1226	0.5–1.0	ALLH	Vanadium	17.7	mg/kg	None
21-05357	0121-97-1226	0.5–1.0	ALLH	Zinc	29.3	mg/kg	None
21-05357	0121-97-1226	0.5–1.0	ALLH	Thallium	0.22	mg/kg	UJ
21-05357	0121-97-1226	0.5–1.0	ALLH	Arsenic	2.1	mg/kg	J-
21-05357	0121-97-1226	0.5–1.0	ALLH	Selenium	0.36	mg/kg	J-
21-05357	0121-97-1226	0.5–1.0	ALLH	Mercury	0.07	mg/kg	J

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-05357	0121-97-1226	0.5–1.0	ALLH	Lead	12.9	mg/kg	None
21-05422	0121-97-1227	0.5–1.0	ALLH	Cobalt-60	0.024	pCi/g	U
21-05422	0121-97-1227	0.5–1.0	ALLH	Cesium-134	-0.0132	pCi/g	U
21-05422	0121-97-1227	0.5–1.0	ALLH	Cesium-137	0.1431	pCi/g	None
21-05422	0121-97-1227	0.5–1.0	ALLH	Europium-152	0.0683	pCi/g	U
21-05422	0121-97-1227	0.5–1.0	ALLH	Sodium-22	0.004	pCi/g	U
21-05422	0121-97-1227	0.5–1.0	ALLH	Ruthenium-106	0.256	pCi/g	U
21-05422	0121-97-1227	0.5–1.0	ALLH	Americium-241	0.033	pCi/g	U
21-05422	0121-97-1227	0.5–1.0	ALLH	Thorium-228	1.52	pCi/g	None
21-05422	0121-97-1227	0.5–1.0	ALLH	Thorium-230	0.869	pCi/g	None
21-05422	0121-97-1227	0.5–1.0	ALLH	Thorium-232	1.38	pCi/g	None
21-05422	0121-97-1227	0.5–1.0	ALLH	Uranium-234	1.76	pCi/g	None
21-05422	0121-97-1227	0.5–1.0	ALLH	Uranium-235	0.0653	pCi/g	None
21-05422	0121-97-1227	0.5–1.0	ALLH	Uranium-238	1.14	pCi/g	None
21-05422	0121-97-1227	0.5–1.0	ALLH	Tritium	0.16	pCi/g	None
21-05422	0121-97-1227	0.5–1.0	ALLH	Aluminum	5190	mg/kg	None
21-05422	0121-97-1227	0.5–1.0	ALLH	Antimony	5.7	mg/kg	U
21-05422	0121-97-1227	0.5–1.0	ALLH	Barium	64.1	mg/kg	None
21-05422	0121-97-1227	0.5–1.0	ALLH	Beryllium	0.65	mg/kg	J
21-05422	0121-97-1227	0.5–1.0	ALLH	Cadmium	0.86	mg/kg	U
21-05422	0121-97-1227	0.5–1.0	ALLH	Calcium	1720	mg/kg	None
21-05422	0121-97-1227	0.5–1.0	ALLH	Chromium	7.5	mg/kg	None
21-05422	0121-97-1227	0.5–1.0	ALLH	Cobalt	3.8	mg/kg	J
21-05422	0121-97-1227	0.5–1.0	ALLH	Copper	5.2	mg/kg	J
21-05422	0121-97-1227	0.5–1.0	ALLH	Iron	6630	mg/kg	None
21-05422	0121-97-1227	0.5–1.0	ALLH	Magnesium	964	mg/kg	J
21-05422	0121-97-1227	0.5–1.0	ALLH	Manganese	263	mg/kg	J+
21-05422	0121-97-1227	0.5–1.0	ALLH	Nickel	5.2	mg/kg	J
21-05422	0121-97-1227	0.5–1.0	ALLH	Potassium	1060	mg/kg	J
21-05422	0121-97-1227	0.5–1.0	ALLH	Silver	1.5	mg/kg	U
21-05422	0121-97-1227	0.5–1.0	ALLH	Sodium	136	mg/kg	J
21-05422	0121-97-1227	0.5–1.0	ALLH	Vanadium	13.4	mg/kg	None
21-05422	0121-97-1227	0.5–1.0	ALLH	Zinc	38.9	mg/kg	None
21-05422	0121-97-1227	0.5–1.0	ALLH	Thallium	0.21	mg/kg	UJ
21-05422	0121-97-1227	0.5–1.0	ALLH	Arsenic	2	mg/kg	J-
21-05422	0121-97-1227	0.5–1.0	ALLH	Selenium	0.52	mg/kg	J-
21-05422	0121-97-1227	0.5–1.0	ALLH	Mercury	0.78	mg/kg	None
21-05422	0121-97-1227	0.5–1.0	ALLH	Lead	12.7	mg/kg	None
21-05404	0121-97-1228	0.5–1.0	ALLH	Cesium-134	0.014	pCi/g	U
21-05404	0121-97-1228	0.5–1.0	ALLH	Cesium-137	0.217	pCi/g	None
21-05404	0121-97-1228	0.5–1.0	ALLH	Europium-152	0.0478	pCi/g	U
21-05404	0121-97-1228	0.5–1.0	ALLH	Sodium-22	-0.015	pCi/g	U
21-05404	0121-97-1228	0.5–1.0	ALLH	Americium-241	0.06	pCi/g	U
21-05404	0121-97-1228	0.5–1.0	ALLH	Cobalt-60	0.0057	pCi/g	U
21-05404	0121-97-1228	0.5–1.0	ALLH	Ruthenium-106	-0.211	pCi/g	U
21-05404	0121-97-1228	0.5–1.0	ALLH	Thorium-228	1.45	pCi/g	None
21-05404	0121-97-1228	0.5–1.0	ALLH	Thorium-230	1.06	pCi/g	None
21-05404	0121-97-1228	0.5–1.0	ALLH	Thorium-232	1.36	pCi/g	None
21-05404	0121-97-1228	0.5–1.0	ALLH	Uranium-234	1.28	pCi/g	None
21-05404	0121-97-1228	0.5–1.0	ALLH	Uranium-235	0.0631	pCi/g	None
21-05404	0121-97-1228	0.5–1.0	ALLH	Uranium-238	1.12	pCi/g	None

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-05404	0121-97-1228	0.5–1.0	ALLH	Tritium	0.1	pCi/g	None
21-05404	0121-97-1228	0.5–1.0	ALLH	Aluminum	6680	mg/kg	None
21-05404	0121-97-1228	0.5–1.0	ALLH	Antimony	6	mg/kg	U
21-05404	0121-97-1228	0.5–1.0	ALLH	Barium	118	mg/kg	None
21-05404	0121-97-1228	0.5–1.0	ALLH	Beryllium	0.75	mg/kg	J
21-05404	0121-97-1228	0.5–1.0	ALLH	Cadmium	0.89	mg/kg	U
21-05404	0121-97-1228	0.5–1.0	ALLH	Calcium	2860	mg/kg	None
21-05404	0121-97-1228	0.5–1.0	ALLH	Chromium	7.6	mg/kg	None
21-05404	0121-97-1228	0.5–1.0	ALLH	Cobalt	5.6	mg/kg	J
21-05404	0121-97-1228	0.5–1.0	ALLH	Copper	7.3	mg/kg	None
21-05404	0121-97-1228	0.5–1.0	ALLH	Iron	8970	mg/kg	None
21-05404	0121-97-1228	0.5–1.0	ALLH	Magnesium	1530	mg/kg	None
21-05404	0121-97-1228	0.5–1.0	ALLH	Manganese	405	mg/kg	J+
21-05404	0121-97-1228	0.5–1.0	ALLH	Nickel	6.4	mg/kg	J
21-05404	0121-97-1228	0.5–1.0	ALLH	Potassium	1580	mg/kg	None
21-05404	0121-97-1228	0.5–1.0	ALLH	Silver	1.5	mg/kg	U
21-05404	0121-97-1228	0.5–1.0	ALLH	Sodium	93.4	mg/kg	J
21-05404	0121-97-1228	0.5–1.0	ALLH	Vanadium	16.6	mg/kg	None
21-05404	0121-97-1228	0.5–1.0	ALLH	Zinc	37.4	mg/kg	None
21-05404	0121-97-1228	0.5–1.0	ALLH	Thallium	0.22	mg/kg	UJ
21-05404	0121-97-1228	0.5–1.0	ALLH	Arsenic	2	mg/kg	J-
21-05404	0121-97-1228	0.5–1.0	ALLH	Selenium	0.38	mg/kg	J-
21-05404	0121-97-1228	0.5–1.0	ALLH	Mercury	0.16	mg/kg	None
21-05404	0121-97-1228	0.5–1.0	ALLH	Lead	12.8	mg/kg	None
21-05389	0121-97-1229	0.5–1.0	ALLH	Americium-241	0.118	pCi/g	U
21-05389	0121-97-1229	0.5–1.0	ALLH	Cobalt-60	-0.0027	pCi/g	U
21-05389	0121-97-1229	0.5–1.0	ALLH	Cesium-134	-0.015	pCi/g	U
21-05389	0121-97-1229	0.5–1.0	ALLH	Cesium-137	0.2037	pCi/g	None
21-05389	0121-97-1229	0.5–1.0	ALLH	Europium-152	-0.0258	pCi/g	U
21-05389	0121-97-1229	0.5–1.0	ALLH	Sodium-22	0.011	pCi/g	U
21-05389	0121-97-1229	0.5–1.0	ALLH	Ruthenium-106	0.104	pCi/g	U
21-05389	0121-97-1229	0.5–1.0	ALLH	Thorium-228	1.31	pCi/g	None
21-05389	0121-97-1229	0.5–1.0	ALLH	Thorium-230	0.824	pCi/g	None
21-05389	0121-97-1229	0.5–1.0	ALLH	Thorium-232	1.22	pCi/g	None
21-05389	0121-97-1229	0.5–1.0	ALLH	Uranium-234	0.718	pCi/g	None
21-05389	0121-97-1229	0.5–1.0	ALLH	Uranium-235	0.0315	pCi/g	None
21-05389	0121-97-1229	0.5–1.0	ALLH	Uranium-238	0.678	pCi/g	None
21-05389	0121-97-1229	0.5–1.0	ALLH	Tritium	0.11	pCi/g	None
21-05389	0121-97-1229	0.5–1.0	ALLH	Aluminum	3650	mg/kg	None
21-05389	0121-97-1229	0.5–1.0	ALLH	Antimony	6.1	mg/kg	U
21-05389	0121-97-1229	0.5–1.0	ALLH	Barium	47.7	mg/kg	None
21-05389	0121-97-1229	0.5–1.0	ALLH	Beryllium	0.57	mg/kg	J
21-05389	0121-97-1229	0.5–1.0	ALLH	Cadmium	0.91	mg/kg	U
21-05389	0121-97-1229	0.5–1.0	ALLH	Calcium	1180	mg/kg	None
21-05389	0121-97-1229	0.5–1.0	ALLH	Chromium	4.3	mg/kg	None
21-05389	0121-97-1229	0.5–1.0	ALLH	Cobalt	2.6	mg/kg	J
21-05389	0121-97-1229	0.5–1.0	ALLH	Copper	3	mg/kg	J
21-05389	0121-97-1229	0.5–1.0	ALLH	Iron	5530	mg/kg	None
21-05389	0121-97-1229	0.5–1.0	ALLH	Magnesium	633	mg/kg	J
21-05389	0121-97-1229	0.5–1.0	ALLH	Manganese	278	mg/kg	J+
21-05389	0121-97-1229	0.5–1.0	ALLH	Nickel	3.3	mg/kg	J

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-05389	0121-97-1229	0.5–1.0	ALLH	Potassium	732	mg/kg	J
21-05389	0121-97-1229	0.5–1.0	ALLH	Silver	1.6	mg/kg	U
21-05389	0121-97-1229	0.5–1.0	ALLH	Sodium	117	mg/kg	J
21-05389	0121-97-1229	0.5–1.0	ALLH	Vanadium	6.9	mg/kg	J
21-05389	0121-97-1229	0.5–1.0	ALLH	Thallium	0.23	mg/kg	UJ
21-05389	0121-97-1229	0.5–1.0	ALLH	Arsenic	0.89	mg/kg	J-
21-05389	0121-97-1229	0.5–1.0	ALLH	Selenium	0.34	mg/kg	J-
21-05389	0121-97-1229	0.5–1.0	ALLH	Lead	9.6	mg/kg	None
21-05389	0121-97-1229	0.5–1.0	ALLH	Mercury	0.17	mg/kg	None
21-05389	0121-97-1229	0.5–1.0	ALLH	Zinc	25.6	mg/kg	None
21-05389	0121-97-1230	0.0–0.5	ALLH	Americium-241	-0.1759	pCi/g	U
21-05389	0121-97-1230	0.0–0.5	ALLH	Cobalt-60	0.0052	pCi/g	U
21-05389	0121-97-1230	0.0–0.5	ALLH	Cesium-134	-0.0302	pCi/g	U
21-05389	0121-97-1230	0.0–0.5	ALLH	Cesium-137	0.753	pCi/g	None
21-05389	0121-97-1230	0.0–0.5	ALLH	Europium-152	0.0159	pCi/g	U
21-05389	0121-97-1230	0.0–0.5	ALLH	Sodium-22	0.069	pCi/g	U
21-05389	0121-97-1230	0.0–0.5	ALLH	Ruthenium-106	0.124	pCi/g	U
21-05389	0121-97-1230	0.0–0.5	ALLH	Thorium-228	1.27	pCi/g	None
21-05389	0121-97-1230	0.0–0.5	ALLH	Thorium-230	0.937	pCi/g	None
21-05389	0121-97-1230	0.0–0.5	ALLH	Thorium-232	1.28	pCi/g	None
21-05389	0121-97-1230	0.0–0.5	ALLH	Uranium-234	1.04	pCi/g	None
21-05389	0121-97-1230	0.0–0.5	ALLH	Uranium-235	0.0721	pCi/g	None
21-05389	0121-97-1230	0.0–0.5	ALLH	Uranium-238	1.09	pCi/g	None
21-05389	0121-97-1230	0.0–0.5	ALLH	Tritium	0.11	pCi/g	None
21-05389	0121-97-1230	0.0–0.5	ALLH	Aluminum	3930	mg/kg	None
21-05389	0121-97-1230	0.0–0.5	ALLH	Antimony	5.9	mg/kg	U
21-05389	0121-97-1230	0.0–0.5	ALLH	Barium	72.2	mg/kg	None
21-05389	0121-97-1230	0.0–0.5	ALLH	Beryllium	0.65	mg/kg	J
21-05389	0121-97-1230	0.0–0.5	ALLH	Cadmium	0.89	mg/kg	U
21-05389	0121-97-1230	0.0–0.5	ALLH	Calcium	1670	mg/kg	None
21-05389	0121-97-1230	0.0–0.5	ALLH	Chromium	4.1	mg/kg	None
21-05389	0121-97-1230	0.0–0.5	ALLH	Cobalt	3.8	mg/kg	J
21-05389	0121-97-1230	0.0–0.5	ALLH	Copper	6.1	mg/kg	None
21-05389	0121-97-1230	0.0–0.5	ALLH	Iron	5230	mg/kg	None
21-05389	0121-97-1230	0.0–0.5	ALLH	Magnesium	794	mg/kg	J
21-05389	0121-97-1230	0.0–0.5	ALLH	Manganese	323	mg/kg	J+
21-05389	0121-97-1230	0.0–0.5	ALLH	Nickel	3.8	mg/kg	J
21-05389	0121-97-1230	0.0–0.5	ALLH	Potassium	822	mg/kg	J
21-05389	0121-97-1230	0.0–0.5	ALLH	Silver	1.5	mg/kg	U
21-05389	0121-97-1230	0.0–0.5	ALLH	Sodium	84.7	mg/kg	J
21-05389	0121-97-1230	0.0–0.5	ALLH	Vanadium	8.5	mg/kg	J
21-05389	0121-97-1230	0.0–0.5	ALLH	Zinc	28.3	mg/kg	None
21-05389	0121-97-1230	0.0–0.5	ALLH	Thallium	0.22	mg/kg	UJ
21-05389	0121-97-1230	0.0–0.5	ALLH	Arsenic	1.1	mg/kg	J-
21-05389	0121-97-1230	0.0–0.5	ALLH	Selenium	0.33	mg/kg	J-
21-05389	0121-97-1230	0.0–0.5	ALLH	Lead	12.2	mg/kg	None
21-05389	0121-97-1230	0.0–0.5	ALLH	Mercury	0.27	mg/kg	None
21-05357	0121-97-1231	0.5–1.0	ALLH	Americium-241	-0.01	pCi/g	U
21-05357	0121-97-1231	0.5–1.0	ALLH	Cobalt-60	0.0097	pCi/g	U
21-05357	0121-97-1231	0.5–1.0	ALLH	Cesium-134	0.02	pCi/g	U
21-05357	0121-97-1231	0.5–1.0	ALLH	Cesium-137	0.076	pCi/g	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-05357	0121-97-1231	0.5–1.0	ALLH	Europium-152	-0.0803	pCi/g	U
21-05357	0121-97-1231	0.5–1.0	ALLH	Sodium-22	0.066	pCi/g	U
21-05357	0121-97-1231	0.5–1.0	ALLH	Ruthenium-106	-0.318	pCi/g	U
21-05357	0121-97-1231	0.5–1.0	ALLH	Thorium-228	1.39	pCi/g	None
21-05357	0121-97-1231	0.5–1.0	ALLH	Thorium-230	1.01	pCi/g	None
21-05357	0121-97-1231	0.5–1.0	ALLH	Thorium-232	1.23	pCi/g	None
21-05357	0121-97-1231	0.5–1.0	ALLH	Uranium-234	0.887	pCi/g	None
21-05357	0121-97-1231	0.5–1.0	ALLH	Uranium-235	0.0338	pCi/g	None
21-05357	0121-97-1231	0.5–1.0	ALLH	Uranium-238	0.705	pCi/g	None
21-05357	0121-97-1231	0.5–1.0	ALLH	Tritium	0.1	pCi/g	None
21-05357	0121-97-1231	0.5–1.0	ALLH	Aluminum	3290	mg/kg	None
21-05357	0121-97-1231	0.5–1.0	ALLH	Antimony	6.1	mg/kg	U
21-05357	0121-97-1231	0.5–1.0	ALLH	Barium	52.3	mg/kg	None
21-05357	0121-97-1231	0.5–1.0	ALLH	Beryllium	0.45	mg/kg	J
21-05357	0121-97-1231	0.5–1.0	ALLH	Cadmium	0.92	mg/kg	U
21-05357	0121-97-1231	0.5–1.0	ALLH	Calcium	1110	mg/kg	J
21-05357	0121-97-1231	0.5–1.0	ALLH	Cobalt	2.6	mg/kg	J
21-05357	0121-97-1231	0.5–1.0	ALLH	Copper	2.8	mg/kg	J
21-05357	0121-97-1231	0.5–1.0	ALLH	Iron	4670	mg/kg	None
21-05357	0121-97-1231	0.5–1.0	ALLH	Magnesium	650	mg/kg	J
21-05357	0121-97-1231	0.5–1.0	ALLH	Manganese	258	mg/kg	J+
21-05357	0121-97-1231	0.5–1.0	ALLH	Nickel	2.8	mg/kg	J
21-05357	0121-97-1231	0.5–1.0	ALLH	Potassium	766	mg/kg	J
21-05357	0121-97-1231	0.5–1.0	ALLH	Silver	1.6	mg/kg	U
21-05357	0121-97-1231	0.5–1.0	ALLH	Sodium	125	mg/kg	J
21-05357	0121-97-1231	0.5–1.0	ALLH	Vanadium	6.4	mg/kg	J
21-05357	0121-97-1231	0.5–1.0	ALLH	Zinc	19.4	mg/kg	None
21-05357	0121-97-1231	0.5–1.0	ALLH	Thallium	0.23	mg/kg	UJ
21-05357	0121-97-1231	0.5–1.0	ALLH	Arsenic	1.1	mg/kg	J-
21-05357	0121-97-1231	0.5–1.0	ALLH	Selenium	0.34	mg/kg	J-
21-05357	0121-97-1231	0.5–1.0	ALLH	Mercury	0.06	mg/kg	J
21-05357	0121-97-1231	0.5–1.0	ALLH	Chromium	4	mg/kg	None
21-05357	0121-97-1231	0.5–1.0	ALLH	Lead	9.4	mg/kg	None
21-05425	0121-97-1232	0.0–0.5	ALLH	Americium-241	0.0658	pCi/g	U
21-05425	0121-97-1232	0.0–0.5	ALLH	Cobalt-60	-0.007	pCi/g	U
21-05425	0121-97-1232	0.0–0.5	ALLH	Cesium-134	-0.0252	pCi/g	U
21-05425	0121-97-1232	0.0–0.5	ALLH	Cesium-137	0.0769	pCi/g	None
21-05425	0121-97-1232	0.0–0.5	ALLH	Europium-152	-0.0302	pCi/g	U
21-05425	0121-97-1232	0.0–0.5	ALLH	Sodium-22	-0.008	pCi/g	U
21-05425	0121-97-1232	0.0–0.5	ALLH	Ruthenium-106	0.084	pCi/g	U
21-05425	0121-97-1232	0.0–0.5	ALLH	Thorium-228	1.4	pCi/g	None
21-05425	0121-97-1232	0.0–0.5	ALLH	Thorium-230	0.982	pCi/g	None
21-05425	0121-97-1232	0.0–0.5	ALLH	Thorium-232	1.5	pCi/g	None
21-05425	0121-97-1232	0.0–0.5	ALLH	Uranium-234	0.833	pCi/g	None
21-05425	0121-97-1232	0.0–0.5	ALLH	Uranium-235	0.0541	pCi/g	None
21-05425	0121-97-1232	0.0–0.5	ALLH	Uranium-238	0.856	pCi/g	None
21-05425	0121-97-1232	0.0–0.5	ALLH	Tritium	0.02	pCi/g	U
21-05425	0121-97-1232	0.0–0.5	ALLH	Aluminum	5190	mg/kg	None
21-05425	0121-97-1232	0.0–0.5	ALLH	Antimony	5.6	mg/kg	U
21-05425	0121-97-1232	0.0–0.5	ALLH	Barium	48.1	mg/kg	None
21-05425	0121-97-1232	0.0–0.5	ALLH	Beryllium	0.66	mg/kg	J

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-05425	0121-97-1232	0.0–0.5	ALLH	Cadmium	0.84	mg/kg	U
21-05425	0121-97-1232	0.0–0.5	ALLH	Calcium	1220	mg/kg	None
21-05425	0121-97-1232	0.0–0.5	ALLH	Cobalt	3.2	mg/kg	J
21-05425	0121-97-1232	0.0–0.5	ALLH	Copper	3	mg/kg	J
21-05425	0121-97-1232	0.0–0.5	ALLH	Iron	7500	mg/kg	None
21-05425	0121-97-1232	0.0–0.5	ALLH	Magnesium	816	mg/kg	J
21-05425	0121-97-1232	0.0–0.5	ALLH	Manganese	245	mg/kg	J+
21-05425	0121-97-1232	0.0–0.5	ALLH	Nickel	3	mg/kg	J
21-05425	0121-97-1232	0.0–0.5	ALLH	Potassium	770	mg/kg	J
21-05425	0121-97-1232	0.0–0.5	ALLH	Silver	1.4	mg/kg	U
21-05425	0121-97-1232	0.0–0.5	ALLH	Sodium	132	mg/kg	J
21-05425	0121-97-1232	0.0–0.5	ALLH	Vanadium	8.7	mg/kg	J
21-05425	0121-97-1232	0.0–0.5	ALLH	Zinc	26.5	mg/kg	None
21-05425	0121-97-1232	0.0–0.5	ALLH	Thallium	0.21	mg/kg	UJ
21-05425	0121-97-1232	0.0–0.5	ALLH	Arsenic	1.1	mg/kg	J-
21-05425	0121-97-1232	0.0–0.5	ALLH	Selenium	0.31	mg/kg	J-
21-05425	0121-97-1232	0.0–0.5	ALLH	Mercury	0.11	mg/kg	None
21-05425	0121-97-1232	0.0–0.5	ALLH	Chromium	4.7	mg/kg	None
21-05425	0121-97-1232	0.0–0.5	ALLH	Lead	5.9	mg/kg	None
21-05425	0121-97-1233	1.0–1.5	ALLH	Americium-241	-0.08	pCi/g	U
21-05425	0121-97-1233	1.0–1.5	ALLH	Cobalt-60	-0.0198	pCi/g	U
21-05425	0121-97-1233	1.0–1.5	ALLH	Cesium-134	0.0169	pCi/g	U
21-05425	0121-97-1233	1.0–1.5	ALLH	Cesium-137	0.0509	pCi/g	U
21-05425	0121-97-1233	1.0–1.5	ALLH	Europium-152	-0.08	pCi/g	U
21-05425	0121-97-1233	1.0–1.5	ALLH	Sodium-22	-0.0149	pCi/g	U
21-05425	0121-97-1233	1.0–1.5	ALLH	Ruthenium-106	0.137	pCi/g	U
21-05425	0121-97-1233	1.0–1.5	ALLH	Thorium-228	1.58	pCi/g	None
21-05425	0121-97-1233	1.0–1.5	ALLH	Thorium-230	0.935	pCi/g	None
21-05425	0121-97-1233	1.0–1.5	ALLH	Thorium-232	1.49	pCi/g	None
21-05425	0121-97-1233	1.0–1.5	ALLH	Uranium-234	0.766	pCi/g	None
21-05425	0121-97-1233	1.0–1.5	ALLH	Uranium-235	0.027	pCi/g	None
21-05425	0121-97-1233	1.0–1.5	ALLH	Uranium-238	0.755	pCi/g	None
21-05425	0121-97-1233	1.0–1.5	ALLH	Tritium	-0.03	pCi/g	U
21-05425	0121-97-1233	1.0–1.5	ALLH	Aluminum	3150	mg/kg	None
21-05425	0121-97-1233	1.0–1.5	ALLH	Antimony	5.7	mg/kg	U
21-05425	0121-97-1233	1.0–1.5	ALLH	Barium	23.7	mg/kg	J
21-05425	0121-97-1233	1.0–1.5	ALLH	Beryllium	0.54	mg/kg	J
21-05425	0121-97-1233	1.0–1.5	ALLH	Cadmium	0.85	mg/kg	U
21-05425	0121-97-1233	1.0–1.5	ALLH	Calcium	769	mg/kg	J
21-05425	0121-97-1233	1.0–1.5	ALLH	Chromium	2.7	mg/kg	None
21-05425	0121-97-1233	1.0–1.5	ALLH	Cobalt	1.9	mg/kg	J
21-05425	0121-97-1233	1.0–1.5	ALLH	Copper	2	mg/kg	J
21-05425	0121-97-1233	1.0–1.5	ALLH	Iron	3980	mg/kg	None
21-05425	0121-97-1233	1.0–1.5	ALLH	Magnesium	452	mg/kg	J
21-05425	0121-97-1233	1.0–1.5	ALLH	Manganese	122	mg/kg	J+
21-05425	0121-97-1233	1.0–1.5	ALLH	Nickel	3	mg/kg	J
21-05425	0121-97-1233	1.0–1.5	ALLH	Potassium	516	mg/kg	J
21-05425	0121-97-1233	1.0–1.5	ALLH	Silver	1.5	mg/kg	U
21-05425	0121-97-1233	1.0–1.5	ALLH	Sodium	132	mg/kg	J
21-05425	0121-97-1233	1.0–1.5	ALLH	Vanadium	4	mg/kg	J
21-05425	0121-97-1233	1.0–1.5	ALLH	Zinc	12.7	mg/kg	None

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-05425	0121-97-1233	1.0–1.5	ALLH	Thallium	0.21	mg/kg	UJ
21-05425	0121-97-1233	1.0–1.5	ALLH	Arsenic	0.55	mg/kg	J-
21-05425	0121-97-1233	1.0–1.5	ALLH	Selenium	0.32	mg/kg	J-
21-05425	0121-97-1233	1.0–1.5	ALLH	Mercury	0.05	mg/kg	U
21-05425	0121-97-1233	1.0–1.5	ALLH	Lead	4	mg/kg	None
21-05425	0121-97-1234	0.5–1.0	ALLH	Americium-241	-0.0047	pCi/g	U
21-05425	0121-97-1234	0.5–1.0	ALLH	Cobalt-60	0.013	pCi/g	U
21-05425	0121-97-1234	0.5–1.0	ALLH	Cesium-134	0.0231	pCi/g	U
21-05425	0121-97-1234	0.5–1.0	ALLH	Cesium-137	0.0028	pCi/g	U
21-05425	0121-97-1234	0.5–1.0	ALLH	Europium-152	0.0263	pCi/g	U
21-05425	0121-97-1234	0.5–1.0	ALLH	Sodium-22	-0.026	pCi/g	U
21-05425	0121-97-1234	0.5–1.0	ALLH	Ruthenium-106	0.051	pCi/g	U
21-05425	0121-97-1234	0.5–1.0	ALLH	Thorium-228	1.11	pCi/g	None
21-05425	0121-97-1234	0.5–1.0	ALLH	Thorium-230	0.869	pCi/g	None
21-05425	0121-97-1234	0.5–1.0	ALLH	Thorium-232	1.14	pCi/g	None
21-05425	0121-97-1234	0.5–1.0	ALLH	Uranium-234	0.707	pCi/g	None
21-05425	0121-97-1234	0.5–1.0	ALLH	Uranium-235	0.0473	pCi/g	None
21-05425	0121-97-1234	0.5–1.0	ALLH	Uranium-238	0.743	pCi/g	None
21-05425	0121-97-1234	0.5–1.0	ALLH	Tritium	0.04	pCi/g	U
21-05425	0121-97-1234	0.5–1.0	ALLH	Aluminum	4660	mg/kg	None
21-05425	0121-97-1234	0.5–1.0	ALLH	Antimony	5.7	mg/kg	U
21-05425	0121-97-1234	0.5–1.0	ALLH	Barium	44	mg/kg	None
21-05425	0121-97-1234	0.5–1.0	ALLH	Beryllium	0.72	mg/kg	J
21-05425	0121-97-1234	0.5–1.0	ALLH	Cadmium	0.85	mg/kg	U
21-05425	0121-97-1234	0.5–1.0	ALLH	Calcium	1320	mg/kg	None
21-05425	0121-97-1234	0.5–1.0	ALLH	Chromium	4.1	mg/kg	None
21-05425	0121-97-1234	0.5–1.0	ALLH	Cobalt	2.8	mg/kg	J
21-05425	0121-97-1234	0.5–1.0	ALLH	Copper	2.5	mg/kg	J
21-05425	0121-97-1234	0.5–1.0	ALLH	Iron	6280	mg/kg	None
21-05425	0121-97-1234	0.5–1.0	ALLH	Magnesium	724	mg/kg	J
21-05425	0121-97-1234	0.5–1.0	ALLH	Manganese	235	mg/kg	J+
21-05425	0121-97-1234	0.5–1.0	ALLH	Nickel	2.7	mg/kg	J
21-05425	0121-97-1234	0.5–1.0	ALLH	Potassium	688	mg/kg	J
21-05425	0121-97-1234	0.5–1.0	ALLH	Silver	1.4	mg/kg	U
21-05425	0121-97-1234	0.5–1.0	ALLH	Sodium	137	mg/kg	J
21-05425	0121-97-1234	0.5–1.0	ALLH	Vanadium	7.6	mg/kg	J
21-05425	0121-97-1234	0.5–1.0	ALLH	Zinc	21	mg/kg	None
21-05425	0121-97-1234	0.5–1.0	ALLH	Thallium	0.21	mg/kg	UJ
21-05425	0121-97-1234	0.5–1.0	ALLH	Arsenic	0.75	mg/kg	J-
21-05425	0121-97-1234	0.5–1.0	ALLH	Selenium	0.3	mg/kg	J-
21-05425	0121-97-1234	0.5–1.0	ALLH	Mercury	0.04	mg/kg	U
21-05425	0121-97-1234	0.5–1.0	ALLH	Lead	5.4	mg/kg	None
21-05404	0121-97-1235	0.5–1.0	ALLH	Americium-241	0.0399	pCi/g	U
21-05404	0121-97-1235	0.5–1.0	ALLH	Cobalt-60	-0.011	pCi/g	U
21-05404	0121-97-1235	0.5–1.0	ALLH	Cesium-134	-0.014	pCi/g	U
21-05404	0121-97-1235	0.5–1.0	ALLH	Cesium-137	0.0273	pCi/g	U
21-05404	0121-97-1235	0.5–1.0	ALLH	Europium-152	-0.06	pCi/g	U
21-05404	0121-97-1235	0.5–1.0	ALLH	Sodium-22	0.0246	pCi/g	U
21-05404	0121-97-1235	0.5–1.0	ALLH	Ruthenium-106	-0.233	pCi/g	U
21-05404	0121-97-1235	0.5–1.0	ALLH	Thorium-228	1.31	pCi/g	None
21-05404	0121-97-1235	0.5–1.0	ALLH	Thorium-230	1.02	pCi/g	None

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-05404	0121-97-1235	0.5–1.0	ALLH	Thorium-232	1.34	pCi/g	None
21-05404	0121-97-1235	0.5–1.0	ALLH	Uranium-234	0.842	pCi/g	None
21-05404	0121-97-1235	0.5–1.0	ALLH	Uranium-235	0.036	pCi/g	None
21-05404	0121-97-1235	0.5–1.0	ALLH	Uranium-238	0.829	pCi/g	None
21-05404	0121-97-1235	0.5–1.0	ALLH	Tritium	0.11	pCi/g	None
21-05404	0121-97-1235	0.5–1.0	ALLH	Aluminum	5710	mg/kg	None
21-05404	0121-97-1235	0.5–1.0	ALLH	Antimony	5.9	mg/kg	U
21-05404	0121-97-1235	0.5–1.0	ALLH	Barium	69.9	mg/kg	None
21-05404	0121-97-1235	0.5–1.0	ALLH	Beryllium	0.57	mg/kg	J
21-05404	0121-97-1235	0.5–1.0	ALLH	Cadmium	0.88	mg/kg	U
21-05404	0121-97-1235	0.5–1.0	ALLH	Calcium	1750	mg/kg	None
21-05404	0121-97-1235	0.5–1.0	ALLH	Chromium	5.6	mg/kg	None
21-05404	0121-97-1235	0.5–1.0	ALLH	Cobalt	3.9	mg/kg	J
21-05404	0121-97-1235	0.5–1.0	ALLH	Copper	3.8	mg/kg	J
21-05404	0121-97-1235	0.5–1.0	ALLH	Iron	8030	mg/kg	None
21-05404	0121-97-1235	0.5–1.0	ALLH	Magnesium	1070	mg/kg	J
21-05404	0121-97-1235	0.5–1.0	ALLH	Manganese	362	mg/kg	J+
21-05404	0121-97-1235	0.5–1.0	ALLH	Nickel	5.4	mg/kg	J
21-05404	0121-97-1235	0.5–1.0	ALLH	Potassium	1220	mg/kg	None
21-05404	0121-97-1235	0.5–1.0	ALLH	Silver	1.5	mg/kg	U
21-05404	0121-97-1235	0.5–1.0	ALLH	Sodium	90.5	mg/kg	J
21-05404	0121-97-1235	0.5–1.0	ALLH	Vanadium	10.4	mg/kg	J
21-05404	0121-97-1235	0.5–1.0	ALLH	Zinc	27.4	mg/kg	None
21-05404	0121-97-1235	0.5–1.0	ALLH	Thallium	0.22	mg/kg	UJ
21-05404	0121-97-1235	0.5–1.0	ALLH	Arsenic	1.3	mg/kg	J-
21-05404	0121-97-1235	0.5–1.0	ALLH	Selenium	0.46	mg/kg	J-
21-05404	0121-97-1235	0.5–1.0	ALLH	Mercury	0.07	mg/kg	J
21-05404	0121-97-1235	0.5–1.0	ALLH	Lead	9.3	mg/kg	None
21-05355	0121-97-1236	0.0–0.5	ALLH	Americium-241	0.4377	pCi/g	U
21-05355	0121-97-1236	0.0–0.5	ALLH	Cobalt-60	0.0529	pCi/g	U
21-05355	0121-97-1236	0.0–0.5	ALLH	Cesium-134	-0.003	pCi/g	U
21-05355	0121-97-1236	0.0–0.5	ALLH	Cesium-137	0.3259	pCi/g	None
21-05355	0121-97-1236	0.0–0.5	ALLH	Europium-152	0.0031	pCi/g	U
21-05355	0121-97-1236	0.0–0.5	ALLH	Sodium-22	0.002	pCi/g	U
21-05355	0121-97-1236	0.0–0.5	ALLH	Ruthenium-106	-0.203	pCi/g	U
21-05355	0121-97-1236	0.0–0.5	ALLH	Thorium-228	1.55	pCi/g	None
21-05355	0121-97-1236	0.0–0.5	ALLH	Thorium-230	1.11	pCi/g	None
21-05355	0121-97-1236	0.0–0.5	ALLH	Thorium-232	1.38	pCi/g	None
21-05355	0121-97-1236	0.0–0.5	ALLH	Uranium-234	4.38	pCi/g	None
21-05355	0121-97-1236	0.0–0.5	ALLH	Uranium-235	0.216	pCi/g	None
21-05355	0121-97-1236	0.0–0.5	ALLH	Uranium-238	2.26	pCi/g	None
21-05355	0121-97-1236	0.0–0.5	ALLH	Tritium	2.12	pCi/g	None
21-05355	0121-97-1236	0.0–0.5	ALLH	Aluminum	5840	mg/kg	None
21-05355	0121-97-1236	0.0–0.5	ALLH	Antimony	5.8	mg/kg	U
21-05355	0121-97-1236	0.0–0.5	ALLH	Barium	212	mg/kg	None
21-05355	0121-97-1236	0.0–0.5	ALLH	Beryllium	0.66	mg/kg	J
21-05355	0121-97-1236	0.0–0.5	ALLH	Cadmium	0.87	mg/kg	U
21-05355	0121-97-1236	0.0–0.5	ALLH	Calcium	3750	mg/kg	None
21-05355	0121-97-1236	0.0–0.5	ALLH	Chromium	30.2	mg/kg	None
21-05355	0121-97-1236	0.0–0.5	ALLH	Cobalt	4.5	mg/kg	J
21-05355	0121-97-1236	0.0–0.5	ALLH	Copper	15	mg/kg	None

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-05355	0121-97-1236	0.0–0.5	ALLH	Iron	7890	mg/kg	None
21-05355	0121-97-1236	0.0–0.5	ALLH	Lead	97.4	mg/kg	None
21-05355	0121-97-1236	0.0–0.5	ALLH	Magnesium	1540	mg/kg	None
21-05355	0121-97-1236	0.0–0.5	ALLH	Manganese	292	mg/kg	J+
21-05355	0121-97-1236	0.0–0.5	ALLH	Nickel	6.3	mg/kg	J
21-05355	0121-97-1236	0.0–0.5	ALLH	Potassium	1620	mg/kg	None
21-05355	0121-97-1236	0.0–0.5	ALLH	Silver	1.5	mg/kg	U
21-05355	0121-97-1236	0.0–0.5	ALLH	Sodium	340	mg/kg	J
21-05355	0121-97-1236	0.0–0.5	ALLH	Vanadium	28.6	mg/kg	None
21-05355	0121-97-1236	0.0–0.5	ALLH	Zinc	236	mg/kg	None
21-05355	0121-97-1236	0.0–0.5	ALLH	Thallium	0.22	mg/kg	UJ
21-05355	0121-97-1236	0.0–0.5	ALLH	Arsenic	4.2	mg/kg	J-
21-05355	0121-97-1236	0.0–0.5	ALLH	Selenium	0.45	mg/kg	J-
21-05355	0121-97-1236	0.0–0.5	ALLH	Mercury	5.5	mg/kg	None
21-05418	0121-97-1237	0.0–0.5	ALLH	Americium-241	0.0927	pCi/g	U
21-05418	0121-97-1237	0.0–0.5	ALLH	Cobalt-60	0.022	pCi/g	U
21-05418	0121-97-1237	0.0–0.5	ALLH	Cesium-134	0.034	pCi/g	U
21-05418	0121-97-1237	0.0–0.5	ALLH	Cesium-137	0.2003	pCi/g	None
21-05418	0121-97-1237	0.0–0.5	ALLH	Europium-152	-0.0301	pCi/g	U
21-05418	0121-97-1237	0.0–0.5	ALLH	Sodium-22	-0.0257	pCi/g	U
21-05418	0121-97-1237	0.0–0.5	ALLH	Ruthenium-106	0.065	pCi/g	U
21-05418	0121-97-1237	0.0–0.5	ALLH	Thorium-228	1.28	pCi/g	None
21-05418	0121-97-1237	0.0–0.5	ALLH	Thorium-230	1.07	pCi/g	None
21-05418	0121-97-1237	0.0–0.5	ALLH	Thorium-232	1.31	pCi/g	None
21-05418	0121-97-1237	0.0–0.5	ALLH	Uranium-234	0.752	pCi/g	None
21-05418	0121-97-1237	0.0–0.5	ALLH	Uranium-235	0.0518	pCi/g	None
21-05418	0121-97-1237	0.0–0.5	ALLH	Uranium-238	0.739	pCi/g	None
21-05418	0121-97-1237	0.0–0.5	ALLH	Tritium	0.07	pCi/g	None
21-05418	0121-97-1237	0.0–0.5	ALLH	Aluminum	5420	mg/kg	None
21-05418	0121-97-1237	0.0–0.5	ALLH	Antimony	5.7	mg/kg	U
21-05418	0121-97-1237	0.0–0.5	ALLH	Barium	62.8	mg/kg	None
21-05418	0121-97-1237	0.0–0.5	ALLH	Beryllium	0.53	mg/kg	J
21-05418	0121-97-1237	0.0–0.5	ALLH	Cadmium	0.85	mg/kg	U
21-05418	0121-97-1237	0.0–0.5	ALLH	Calcium	1470	mg/kg	None
21-05418	0121-97-1237	0.0–0.5	ALLH	Chromium	4.9	mg/kg	None
21-05418	0121-97-1237	0.0–0.5	ALLH	Cobalt	3.8	mg/kg	J
21-05418	0121-97-1237	0.0–0.5	ALLH	Copper	4.7	mg/kg	J
21-05418	0121-97-1237	0.0–0.5	ALLH	Iron	7770	mg/kg	None
21-05418	0121-97-1237	0.0–0.5	ALLH	Magnesium	989	mg/kg	J
21-05418	0121-97-1237	0.0–0.5	ALLH	Manganese	299	mg/kg	J+
21-05418	0121-97-1237	0.0–0.5	ALLH	Nickel	4.9	mg/kg	J
21-05418	0121-97-1237	0.0–0.5	ALLH	Potassium	1040	mg/kg	J
21-05418	0121-97-1237	0.0–0.5	ALLH	Silver	1.4	mg/kg	U
21-05418	0121-97-1237	0.0–0.5	ALLH	Sodium	100	mg/kg	J
21-05418	0121-97-1237	0.0–0.5	ALLH	Vanadium	11.3	mg/kg	None
21-05418	0121-97-1237	0.0–0.5	ALLH	Zinc	27.6	mg/kg	None
21-05418	0121-97-1237	0.0–0.5	ALLH	Thallium	0.21	mg/kg	UJ
21-05418	0121-97-1237	0.0–0.5	ALLH	Arsenic	1.4	mg/kg	J-
21-05418	0121-97-1237	0.0–0.5	ALLH	Selenium	0.36	mg/kg	J-
21-05418	0121-97-1237	0.0–0.5	ALLH	Mercury	0.05	mg/kg	U
21-05418	0121-97-1237	0.0–0.5	ALLH	Lead	9.6	mg/kg	None

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-05355	0121-97-1238	0.5–1.0	ALLH	Americium-241	-0.184	pCi/g	U
21-05355	0121-97-1238	0.5–1.0	ALLH	Cobalt-60	0.032	pCi/g	U
21-05355	0121-97-1238	0.5–1.0	ALLH	Cesium-134	-0.0162	pCi/g	U
21-05355	0121-97-1238	0.5–1.0	ALLH	Cesium-137	0.2941	pCi/g	None
21-05355	0121-97-1238	0.5–1.0	ALLH	Europium-152	-0.06	pCi/g	U
21-05355	0121-97-1238	0.5–1.0	ALLH	Sodium-22	-0.017	pCi/g	U
21-05355	0121-97-1238	0.5–1.0	ALLH	Ruthenium-106	-0.063	pCi/g	U
21-05355	0121-97-1238	0.5–1.0	ALLH	Thorium-228	1.4	pCi/g	None
21-05355	0121-97-1238	0.5–1.0	ALLH	Thorium-230	0.845	pCi/g	None
21-05355	0121-97-1238	0.5–1.0	ALLH	Thorium-232	1.18	pCi/g	None
21-05355	0121-97-1238	0.5–1.0	ALLH	Uranium-234	6.21	pCi/g	None
21-05355	0121-97-1238	0.5–1.0	ALLH	Uranium-235	0.266	pCi/g	None
21-05355	0121-97-1238	0.5–1.0	ALLH	Uranium-238	2.69	pCi/g	None
21-05355	0121-97-1238	0.5–1.0	ALLH	Tritium	2.4	pCi/g	None
21-05355	0121-97-1238	0.5–1.0	ALLH	Aluminum	4930	mg/kg	None
21-05355	0121-97-1238	0.5–1.0	ALLH	Antimony	5.5	mg/kg	U
21-05355	0121-97-1238	0.5–1.0	ALLH	Barium	304	mg/kg	None
21-05355	0121-97-1238	0.5–1.0	ALLH	Beryllium	0.55	mg/kg	J
21-05355	0121-97-1238	0.5–1.0	ALLH	Cadmium	0.98	mg/kg	J
21-05355	0121-97-1238	0.5–1.0	ALLH	Calcium	2450	mg/kg	None
21-05355	0121-97-1238	0.5–1.0	ALLH	Chromium	36.9	mg/kg	None
21-05355	0121-97-1238	0.5–1.0	ALLH	Cobalt	3.8	mg/kg	J
21-05355	0121-97-1238	0.5–1.0	ALLH	Copper	22.2	mg/kg	None
21-05355	0121-97-1238	0.5–1.0	ALLH	Iron	7350	mg/kg	None
21-05355	0121-97-1238	0.5–1.0	ALLH	Lead	107	mg/kg	None
21-05355	0121-97-1238	0.5–1.0	ALLH	Magnesium	1080	mg/kg	None
21-05355	0121-97-1238	0.5–1.0	ALLH	Manganese	316	mg/kg	J+
21-05355	0121-97-1238	0.5–1.0	ALLH	Nickel	3.2	mg/kg	J
21-05355	0121-97-1238	0.5–1.0	ALLH	Potassium	1170	mg/kg	None
21-05355	0121-97-1238	0.5–1.0	ALLH	Silver	1.4	mg/kg	U
21-05355	0121-97-1238	0.5–1.0	ALLH	Sodium	344	mg/kg	J
21-05355	0121-97-1238	0.5–1.0	ALLH	Vanadium	37.7	mg/kg	None
21-05355	0121-97-1238	0.5–1.0	ALLH	Zinc	316	mg/kg	None
21-05355	0121-97-1238	0.5–1.0	ALLH	Thallium	0.21	mg/kg	UJ
21-05355	0121-97-1238	0.5–1.0	ALLH	Arsenic	3.4	mg/kg	J-
21-05355	0121-97-1238	0.5–1.0	ALLH	Selenium	0.5	mg/kg	J-
21-05355	0121-97-1238	0.5–1.0	ALLH	Mercury	14.7	mg/kg	None
21-05404	0121-97-1239	1.0–1.5	ALLH	Americium-241	-0.0192	pCi/g	U
21-05404	0121-97-1239	1.0–1.5	ALLH	Cobalt-60	0.0843	pCi/g	U
21-05404	0121-97-1239	1.0–1.5	ALLH	Cesium-134	0.0343	pCi/g	U
21-05404	0121-97-1239	1.0–1.5	ALLH	Cesium-137	-0.0028	pCi/g	U
21-05404	0121-97-1239	1.0–1.5	ALLH	Europium-152	-0.0186	pCi/g	U
21-05404	0121-97-1239	1.0–1.5	ALLH	Sodium-22	-0.024	pCi/g	U
21-05404	0121-97-1239	1.0–1.5	ALLH	Ruthenium-106	-0.048	pCi/g	U
21-05404	0121-97-1239	1.0–1.5	ALLH	Thorium-228	1.3	pCi/g	None
21-05404	0121-97-1239	1.0–1.5	ALLH	Thorium-230	1	pCi/g	None
21-05404	0121-97-1239	1.0–1.5	ALLH	Thorium-232	1.29	pCi/g	None
21-05404	0121-97-1239	1.0–1.5	ALLH	Uranium-234	0.908	pCi/g	None
21-05404	0121-97-1239	1.0–1.5	ALLH	Uranium-235	0.0473	pCi/g	None
21-05404	0121-97-1239	1.0–1.5	ALLH	Uranium-238	0.655	pCi/g	None
21-05404	0121-97-1239	1.0–1.5	ALLH	Tritium	0.15	pCi/g	None

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-05404	0121-97-1239	1.0–1.5	ALLH	Aluminum	4940	mg/kg	None
21-05404	0121-97-1239	1.0–1.5	ALLH	Antimony	5.9	mg/kg	U
21-05404	0121-97-1239	1.0–1.5	ALLH	Barium	79.4	mg/kg	None
21-05404	0121-97-1239	1.0–1.5	ALLH	Beryllium	0.61	mg/kg	J
21-05404	0121-97-1239	1.0–1.5	ALLH	Cadmium	0.89	mg/kg	U
21-05404	0121-97-1239	1.0–1.5	ALLH	Calcium	1980	mg/kg	None
21-05404	0121-97-1239	1.0–1.5	ALLH	Chromium	5.2	mg/kg	None
21-05404	0121-97-1239	1.0–1.5	ALLH	Cobalt	4.2	mg/kg	J
21-05404	0121-97-1239	1.0–1.5	ALLH	Copper	4.7	mg/kg	J
21-05404	0121-97-1239	1.0–1.5	ALLH	Iron	6800	mg/kg	None
21-05404	0121-97-1239	1.0–1.5	ALLH	Magnesium	1010	mg/kg	J
21-05404	0121-97-1239	1.0–1.5	ALLH	Manganese	376	mg/kg	J+
21-05404	0121-97-1239	1.0–1.5	ALLH	Nickel	5.2	mg/kg	J
21-05404	0121-97-1239	1.0–1.5	ALLH	Potassium	1310	mg/kg	None
21-05404	0121-97-1239	1.0–1.5	ALLH	Silver	1.5	mg/kg	U
21-05404	0121-97-1239	1.0–1.5	ALLH	Sodium	167	mg/kg	J
21-05404	0121-97-1239	1.0–1.5	ALLH	Vanadium	10.7	mg/kg	J
21-05404	0121-97-1239	1.0–1.5	ALLH	Zinc	23	mg/kg	None
21-05404	0121-97-1239	1.0–1.5	ALLH	Thallium	0.22	mg/kg	UJ
21-05404	0121-97-1239	1.0–1.5	ALLH	Arsenic	1	mg/kg	J-
21-05404	0121-97-1239	1.0–1.5	ALLH	Selenium	0.31	mg/kg	J-
21-05404	0121-97-1239	1.0–1.5	ALLH	Mercury	0.05	mg/kg	J
21-05404	0121-97-1239	1.0–1.5	ALLH	Lead	8.2	mg/kg	None
21-05422	0121-97-1240	0.5–1.0	ALLH	Americium-241	-0.1947	pCi/g	U
21-05422	0121-97-1240	0.5–1.0	ALLH	Cobalt-60	0.0186	pCi/g	U
21-05422	0121-97-1240	0.5–1.0	ALLH	Cesium-134	0.028	pCi/g	U
21-05422	0121-97-1240	0.5–1.0	ALLH	Cesium-137	0.0418	pCi/g	U
21-05422	0121-97-1240	0.5–1.0	ALLH	Europium-152	0.0158	pCi/g	U
21-05422	0121-97-1240	0.5–1.0	ALLH	Sodium-22	0.045	pCi/g	U
21-05422	0121-97-1240	0.5–1.0	ALLH	Ruthenium-106	0.403	pCi/g	U
21-05422	0121-97-1240	0.5–1.0	ALLH	Thorium-228	1.61	pCi/g	None
21-05422	0121-97-1240	0.5–1.0	ALLH	Thorium-230	1.11	pCi/g	None
21-05422	0121-97-1240	0.5–1.0	ALLH	Thorium-232	1.67	pCi/g	None
21-05422	0121-97-1240	0.5–1.0	ALLH	Uranium-234	1.04	pCi/g	None
21-05422	0121-97-1240	0.5–1.0	ALLH	Uranium-235	0.0608	pCi/g	None
21-05422	0121-97-1240	0.5–1.0	ALLH	Uranium-238	0.84	pCi/g	None
21-05422	0121-97-1240	0.5–1.0	ALLH	Tritium	0.15	pCi/g	None
21-05422	0121-97-1240	0.5–1.0	ALLH	Aluminum	5150	mg/kg	None
21-05422	0121-97-1240	0.5–1.0	ALLH	Antimony	5.7	mg/kg	U
21-05422	0121-97-1240	0.5–1.0	ALLH	Barium	56.1	mg/kg	None
21-05422	0121-97-1240	0.5–1.0	ALLH	Beryllium	0.71	mg/kg	J
21-05422	0121-97-1240	0.5–1.0	ALLH	Cadmium	0.85	mg/kg	U
21-05422	0121-97-1240	0.5–1.0	ALLH	Calcium	1600	mg/kg	None
21-05422	0121-97-1240	0.5–1.0	ALLH	Chromium	6.4	mg/kg	None
21-05422	0121-97-1240	0.5–1.0	ALLH	Cobalt	3.5	mg/kg	J
21-05422	0121-97-1240	0.5–1.0	ALLH	Copper	3.4	mg/kg	J
21-05422	0121-97-1240	0.5–1.0	ALLH	Iron	6290	mg/kg	None
21-05422	0121-97-1240	0.5–1.0	ALLH	Magnesium	973	mg/kg	J
21-05422	0121-97-1240	0.5–1.0	ALLH	Manganese	243	mg/kg	J+
21-05422	0121-97-1240	0.5–1.0	ALLH	Nickel	4.4	mg/kg	J
21-05422	0121-97-1240	0.5–1.0	ALLH	Potassium	1040	mg/kg	J

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-05422	0121-97-1240	0.5–1.0	ALLH	Silver	1.4	mg/kg	U
21-05422	0121-97-1240	0.5–1.0	ALLH	Sodium	185	mg/kg	J
21-05422	0121-97-1240	0.5–1.0	ALLH	Vanadium	10.6	mg/kg	None
21-05422	0121-97-1240	0.5–1.0	ALLH	Zinc	25.2	mg/kg	None
21-05422	0121-97-1240	0.5–1.0	ALLH	Thallium	0.21	mg/kg	UJ
21-05422	0121-97-1240	0.5–1.0	ALLH	Arsenic	1.2	mg/kg	J-
21-05422	0121-97-1240	0.5–1.0	ALLH	Selenium	0.4	mg/kg	J-
21-05422	0121-97-1240	0.5–1.0	ALLH	Mercury	0.2	mg/kg	None
21-05422	0121-97-1240	0.5–1.0	ALLH	Lead	9.1	mg/kg	None
21-05418	0121-97-1241	0.5–1.0	ALLH	Americium-241	0.0861	pCi/g	U
21-05418	0121-97-1241	0.5–1.0	ALLH	Cobalt-60	0.036	pCi/g	U
21-05418	0121-97-1241	0.5–1.0	ALLH	Cesium-134	0.0038	pCi/g	U
21-05418	0121-97-1241	0.5–1.0	ALLH	Cesium-137	0.007	pCi/g	U
21-05418	0121-97-1241	0.5–1.0	ALLH	Europium-152	0.0652	pCi/g	U
21-05418	0121-97-1241	0.5–1.0	ALLH	Sodium-22	-0.024	pCi/g	U
21-05418	0121-97-1241	0.5–1.0	ALLH	Ruthenium-106	-0.099	pCi/g	U
21-05418	0121-97-1241	0.5–1.0	ALLH	Thorium-228	1.56	pCi/g	None
21-05418	0121-97-1241	0.5–1.0	ALLH	Thorium-230	1.11	pCi/g	None
21-05418	0121-97-1241	0.5–1.0	ALLH	Thorium-232	1.5	pCi/g	None
21-05418	0121-97-1241	0.5–1.0	ALLH	Uranium-234	0.707	pCi/g	None
21-05418	0121-97-1241	0.5–1.0	ALLH	Uranium-235	0.0405	pCi/g	None
21-05418	0121-97-1241	0.5–1.0	ALLH	Uranium-238	0.705	pCi/g	None
21-05418	0121-97-1241	0.5–1.0	ALLH	Tritium	0.1	pCi/g	None
21-05418	0121-97-1241	0.5–1.0	ALLH	Aluminum	3830	mg/kg	J
21-05418	0121-97-1241	0.5–1.0	ALLH	Antimony	7.3	mg/kg	U
21-05418	0121-97-1241	0.5–1.0	ALLH	Barium	42.6	mg/kg	J
21-05418	0121-97-1241	0.5–1.0	ALLH	Beryllium	0.79	mg/kg	J
21-05418	0121-97-1241	0.5–1.0	ALLH	Cadmium	0.7	mg/kg	None
21-05418	0121-97-1241	0.5–1.0	ALLH	Calcium	1100	mg/kg	None
21-05418	0121-97-1241	0.5–1.0	ALLH	Chromium	3.3	mg/kg	None
21-05418	0121-97-1241	0.5–1.0	ALLH	Cobalt	2.4	mg/kg	J
21-05418	0121-97-1241	0.5–1.0	ALLH	Copper	3.1	mg/kg	J
21-05418	0121-97-1241	0.5–1.0	ALLH	Iron	6240	mg/kg	None
21-05418	0121-97-1241	0.5–1.0	ALLH	Magnesium	670	mg/kg	J
21-05418	0121-97-1241	0.5–1.0	ALLH	Manganese	296	mg/kg	J-
21-05418	0121-97-1241	0.5–1.0	ALLH	Nickel	2.7	mg/kg	J
21-05418	0121-97-1241	0.5–1.0	ALLH	Potassium	730	mg/kg	J
21-05418	0121-97-1241	0.5–1.0	ALLH	Silver	0.94	mg/kg	U
21-05418	0121-97-1241	0.5–1.0	ALLH	Sodium	97.4	mg/kg	J
21-05418	0121-97-1241	0.5–1.0	ALLH	Vanadium	7.6	mg/kg	J
21-05418	0121-97-1241	0.5–1.0	ALLH	Zinc	27.3	mg/kg	None
21-05418	0121-97-1241	0.5–1.0	ALLH	Thallium	0.17	mg/kg	UJ
21-05418	0121-97-1241	0.5–1.0	ALLH	Arsenic	0.72	mg/kg	J-
21-05418	0121-97-1241	0.5–1.0	ALLH	Selenium	0.31	mg/kg	U
21-05418	0121-97-1241	0.5–1.0	ALLH	Lead	6.7	mg/kg	None
21-05418	0121-97-1241	0.5–1.0	ALLH	Mercury	0.05	mg/kg	U
21-05511	0121-97-1452	0–0.5	ALLH	Mercury	0.08	mg/kg	None
21-05511	0121-97-1452	0–0.5	ALLH	Selenium	0.89	mg/kg	U
21-05511	0121-97-1452	0–0.5	ALLH	Silver	0.16	mg/kg	U
21-05511	0121-97-1452	0–0.5	ALLH	Sodium	57.3	mg/kg	J
21-05511	0121-97-1452	0–0.5	ALLH	Thallium	1.5	mg/kg	J

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-05511	0121-97-1452	0–0.5	ALLH	Vanadium	6.3	mg/kg	J
21-05511	0121-97-1452	0–0.5	ALLH	Zinc	17.5	mg/kg	None
21-05511	0121-97-1452	0–0.5	ALLH	Aluminum	2700	mg/kg	None
21-05511	0121-97-1452	0–0.5	ALLH	Antimony	0.059	mg/kg	UJ
21-05511	0121-97-1452	0–0.5	ALLH	Arsenic	1.7	mg/kg	J
21-05511	0121-97-1452	0–0.5	ALLH	Barium	62.6	mg/kg	None
21-05511	0121-97-1452	0–0.5	ALLH	Beryllium	0.41	mg/kg	J
21-05511	0121-97-1452	0–0.5	ALLH	Cadmium	0.08	mg/kg	U
21-05511	0121-97-1452	0–0.5	ALLH	Calcium	1530	mg/kg	None
21-05511	0121-97-1452	0–0.5	ALLH	Chromium	3.1	mg/kg	None
21-05511	0121-97-1452	0–0.5	ALLH	Cobalt	2.8	mg/kg	J
21-05511	0121-97-1452	0–0.5	ALLH	Copper	5.4	mg/kg	None
21-05511	0121-97-1452	0–0.5	ALLH	Iron	2810	mg/kg	None
21-05511	0121-97-1452	0–0.5	ALLH	Lead	14.2	mg/kg	None
21-05511	0121-97-1452	0–0.5	ALLH	Magnesium	685	mg/kg	J
21-05511	0121-97-1452	0–0.5	ALLH	Mercury	0.08	mg/kg	None
21-05511	0121-97-1452	0–0.5	ALLH	Manganese	272	mg/kg	None
21-05511	0121-97-1452	0–0.5	ALLH	Nickel	3	mg/kg	J
21-05511	0121-97-1452	0–0.5	ALLH	Potassium	792	mg/kg	J
21-05512	0121-97-1453	0–0.5	ALLH	Mercury	0.11	mg/kg	None
21-05512	0121-97-1453	0–0.5	ALLH	Zinc	13.9	mg/kg	None
21-05512	0121-97-1453	0–0.5	ALLH	Cadmium	0.08	mg/kg	U
21-05512	0121-97-1453	0–0.5	ALLH	Calcium	1480	mg/kg	None
21-05512	0121-97-1453	0–0.5	ALLH	Chromium	2.6	mg/kg	None
21-05512	0121-97-1453	0–0.5	ALLH	Cobalt	2.3	mg/kg	J
21-05512	0121-97-1453	0–0.5	ALLH	Copper	4.4	mg/kg	J
21-05512	0121-97-1453	0–0.5	ALLH	Iron	2580	mg/kg	None
21-05512	0121-97-1453	0–0.5	ALLH	Lead	12.1	mg/kg	None
21-05512	0121-97-1453	0–0.5	ALLH	Magnesium	629	mg/kg	J
21-05512	0121-97-1453	0–0.5	ALLH	Manganese	238	mg/kg	None
21-05512	0121-97-1453	0–0.5	ALLH	Nickel	2.5	mg/kg	J
21-05512	0121-97-1453	0–0.5	ALLH	Potassium	615	mg/kg	J
21-05512	0121-97-1453	0–0.5	ALLH	Selenium	0.9	mg/kg	U
21-05512	0121-97-1453	0–0.5	ALLH	Silver	0.16	mg/kg	U
21-05512	0121-97-1453	0–0.5	ALLH	Sodium	47.9	mg/kg	J
21-05512	0121-97-1453	0–0.5	ALLH	Thallium	0.98	mg/kg	U
21-05511	0121-97-1452	0–0.5	ALLH	Manganese	272	mg/kg	None
21-05512	0121-97-1453	0–0.5	ALLH	Vanadium	5.7	mg/kg	J
21-05512	0121-97-1453	0–0.5	ALLH	Aluminum	2490	mg/kg	None
21-05512	0121-97-1453	0–0.5	ALLH	Antimony	0.59	mg/kg	UJ
21-05512	0121-97-1453	0–0.5	ALLH	Arsenic	1.1	mg/kg	J
21-05512	0121-97-1453	0–0.5	ALLH	Barium	57.4	mg/kg	None
21-05512	0121-97-1453	0–0.5	ALLH	Beryllium	0.31	mg/kg	J
21-05513	0121-97-1454	0–0.5	ALLH	Mercury	0.05	mg/kg	None
21-05513	0121-97-1454	0–0.5	ALLH	Thallium	0.96	mg/kg	U
21-05513	0121-97-1454	0–0.5	ALLH	Vanadium	4.2	mg/kg	J
21-05513	0121-97-1454	0–0.5	ALLH	Zinc	13.1	mg/kg	None
21-05513	0121-97-1454	0–0.5	ALLH	Beryllium	0.43	mg/kg	J
21-05513	0121-97-1454	0–0.5	ALLH	Cadmium	0.08	mg/kg	U
21-05513	0121-97-1454	0–0.5	ALLH	Calcium	1100	mg/kg	None
21-05513	0121-97-1454	0–0.5	ALLH	Chromium	1.8	mg/kg	J

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-05513	0121-97-1454	0–0.5	ALLH	Cobalt	1.4	mg/kg	J
21-05513	0121-97-1454	0–0.5	ALLH	Copper	4	mg/kg	J
21-05513	0121-97-1454	0–0.5	ALLH	Iron	1960	mg/kg	None
21-05513	0121-97-1454	0–0.5	ALLH	Lead	12.3	mg/kg	None
21-05513	0121-97-1454	0–0.5	ALLH	Magnesium	478	mg/kg	J
21-05513	0121-97-1454	0–0.5	ALLH	Manganese	160	mg/kg	None
21-05513	0121-97-1454	0–0.5	ALLH	Nickel	1.9	mg/kg	J
21-05513	0121-97-1454	0–0.5	ALLH	Potassium	484	mg/kg	J
21-05513	0121-97-1454	0–0.5	ALLH	Selenium	0.88	mg/kg	U
21-05513	0121-97-1454	0–0.5	ALLH	Silver	0.16	mg/kg	U
21-05513	0121-97-1454	0–0.5	ALLH	Sodium	60.7	mg/kg	J
21-05513	0121-97-1454	0–0.5	ALLH	Barium	37.7	mg/kg	J
21-05513	0121-97-1454	0–0.5	ALLH	Aluminum	2140	mg/kg	None
21-05513	0121-97-1454	0–0.5	ALLH	Antimony	0.58	mg/kg	UJ
21-05513	0121-97-1454	0–0.5	ALLH	Arsenic	0.71	mg/kg	J
21-05514	0121-97-1455	0–0.5	ALLH	Zinc	30.1	mg/kg	None
21-05514	0121-97-1455	0–0.5	ALLH	Aluminum	2740	mg/kg	None
21-05514	0121-97-1455	0–0.5	ALLH	Antimony	0.59	mg/kg	UJ
21-05514	0121-97-1455	0–0.5	ALLH	Arsenic	0.91	mg/kg	J
21-05514	0121-97-1455	0–0.5	ALLH	Barium	56.6	mg/kg	None
21-05514	0121-97-1455	0–0.5	ALLH	Beryllium	0.32	mg/kg	J
21-05514	0121-97-1455	0–0.5	ALLH	Cadmium	0.08	mg/kg	U
21-05514	0121-97-1455	0–0.5	ALLH	Calcium	2400	mg/kg	None
21-05514	0121-97-1455	0–0.5	ALLH	Chromium	2.9	mg/kg	None
21-05514	0121-97-1455	0–0.5	ALLH	Cobalt	1.9	mg/kg	J
21-05514	0121-97-1455	0–0.5	ALLH	Copper	6	mg/kg	None
21-05514	0121-97-1455	0–0.5	ALLH	Iron	2990	mg/kg	None
21-05514	0121-97-1455	0–0.5	ALLH	Lead	17.9	mg/kg	None
21-05514	0121-97-1455	0–0.5	ALLH	Magnesium	851	mg/kg	J
21-05514	0121-97-1455	0–0.5	ALLH	Manganese	202	mg/kg	None
21-05514	0121-97-1455	0–0.5	ALLH	Nickel	3.4	mg/kg	J
21-05514	0121-97-1455	0–0.5	ALLH	Mercury	0.05	mg/kg	None
21-05514	0121-97-1455	0–0.5	ALLH	Potassium	906	mg/kg	J
21-05514	0121-97-1455	0–0.5	ALLH	Selenium	0.89	mg/kg	U
21-05514	0121-97-1455	0–0.5	ALLH	Silver	0.16	mg/kg	U
21-05514	0121-97-1455	0–0.5	ALLH	Sodium	50.2	mg/kg	J
21-05514	0121-97-1455	0–0.5	ALLH	Thallium	0.97	mg/kg	U
21-05514	0121-97-1455	0–0.5	ALLH	Vanadium	6	mg/kg	J
21-01604	AAA4033	1.0–2.17	Qbt3	Cesium-137	0.53	pCi/g	U
21-01604	AAA4033	1.0–2.17	Qbt3	Americium-241	0.015	pCi/g	None
21-01604	AAA4033	1.0–2.17	Qbt3	Tritium	0.815455	pCi/g	None
21-01604	AAA4033	1.0–2.17	Qbt3	Plutonium-239	0.217	pCi/g	None
21-01604	AAA4033	1.0–2.17	Qbt3	Plutonium-238	0.003	pCi/g	U
21-01604	AAA4033	1.0–2.17	Qbt3	Strontium-90	0.14	pCi/g	U
21-01604	AAA4033	1.0–2.17	Qbt3	Uranium-234	1.475	pCi/g	None
21-01604	AAA4033	1.0–2.17	Qbt3	Uranium-238	1.152	pCi/g	None
21-01604	AAA4033	1.0–2.17	Qbt3	Uranium-235	0.066	pCi/g	U
21-01605	AAA4037	1.0–1.5	Qbt3	Cesium-137	0.79	pCi/g	U
21-01605	AAA4037	1.0–1.5	Qbt3	Americium-241	0.009	pCi/g	None
21-01605	AAA4037	1.0–1.5	Qbt3	Tritium	10.70278	pCi/g	None
21-01605	AAA4037	1.0–1.5	Qbt3	Plutonium-239	0.231	pCi/g	None

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01605	AAA4037	1.0–1.5	Qbt3	Plutonium-238	0.002	pCi/g	U
21-01605	AAA4037	1.0–1.5	Qbt3	Strontium-90	0.02	pCi/g	U
21-01605	AAA4037	1.0–1.5	Qbt3	Uranium-238	1.743	pCi/g	None
21-01605	AAA4037	1.0–1.5	Qbt3	Uranium-235	0.079	pCi/g	U
21-01605	AAA4037	1.0–1.5	Qbt3	Uranium-234	1.992	pCi/g	None
21-01606	AAA4040	1.0–1.33	Qbt3	Cesium-137	0.94	pCi/g	U
21-01606	AAA4040	1.0–1.33	Qbt3	Americium-241	0.09	pCi/g	None
21-01606	AAA4040	1.0–1.33	Qbt3	Tritium	30.88453	pCi/g	None
21-01606	AAA4040	1.0–1.33	Qbt3	Plutonium-239	3.684	pCi/g	None
21-01606	AAA4040	1.0–1.33	Qbt3	Plutonium-238	0.024	pCi/g	None
21-01606	AAA4040	1.0–1.33	Qbt3	Strontium-90	0.23	pCi/g	None
21-01606	AAA4040	1.0–1.33	Qbt3	Uranium-238	6.005	pCi/g	None
21-01606	AAA4040	1.0–1.33	Qbt3	Uranium-235	0.445	pCi/g	None
21-01606	AAA4040	1.0–1.33	Qbt3	Uranium-234	13.038	pCi/g	None
21-01672	AAA4129	0.0–5.0	Qbt3	Benzo(a)pyrene	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Fluoranthene	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Benzo(b)fluoranthene	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Benzo(k)fluoranthene	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Chrysene	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Acenaphthylene	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Dibenzofuran	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Nitroaniline[2-]	3.3	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Nitroaniline[4-]	3.3	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Benzyl alcohol	1.3	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Dimethylphenol[2,4-]	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Dichlorobenzene[1,4-]	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Oxybis(1-chloropropane)[2,2'-]	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Bis(2-chloroethyl)ether	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Bis(2-ethylhexyl)phthalate	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Bis(2-chloroethoxy)methane	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Dinitrotoluene[2,6-]	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Chloro-3-methylphenol[4-]	1.3	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Benzo(a)anthracene	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Dichlorobenzene[1,3-]	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Dibenz(a,h)anthracene	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Dinitro-2-methylphenol[4,6-]	3.3	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Dinitrophenol[2,4-]	3.3	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Indeno(1,2,3-cd)pyrene	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Benzo(g,h,i)perylene	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Dimethyl phthalate	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Pyrene	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Dinitrotoluene[2,4-]	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Dichlorophenol[2,4-]	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Trichlorobenzene[1,2,4-]	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Anthracene	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Hexachlorobenzene	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Isophorone	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Hexachlorocyclopentadiene	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Chlorophenyl-phenyl[4-] ether	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Hexachloroethane	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Benzoic acid	3.3	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01672	AAA4129	0.0–5.0	Qbt3	Nitrosodimethylamine[N-]	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Aniline	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Nitroso-di-n-propylamine[N-]	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Benzidine	3.3	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Dichlorobenzidine[3,3'-]	1.3	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Chloronaphthalene[2-]	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Methylnaphthalene[2-]	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Naphthalene	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Nitrophenol[2-]	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Trichlorophenol[2,4,6-]	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Pentachlorophenol	3.3	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Nitroaniline[3-]	3.3	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Nitrobenzene	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Trichlorophenol[2,4,5-]	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Chlorophenol[2-]	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Dichlorobenzene[1,2-]	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Methylphenol[2-]	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Hexachlorobutadiene	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Fluorene	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Nitrosodiphenylamine[N-]	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Butylbenzylphthalate	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Phenanthrene	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Di-n-butylphthalate	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Diethylphthalate	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Acenaphthene	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Di-n-octylphthalate	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Phenol	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Chloroaniline[4-]	1.3	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Azobenzene	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Bromophenyl-phenylether[4-]	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Nitrophenol[4-]	3.3	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Methylphenol[4-]	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Zinc	28.7	mg/kg	None
21-01672	AAA4129	0.0–5.0	Qbt3	Selenium	0.52	mg/kg	UJ
21-01672	AAA4129	0.0–5.0	Qbt3	Silver	1.2	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Calcium	74400	mg/kg	None
21-01672	AAA4129	0.0–5.0	Qbt3	Cadmium	0.74	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Cobalt	2.9	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Chromium	6.9	mg/kg	None
21-01672	AAA4129	0.0–5.0	Qbt3	Magnesium	6440	mg/kg	None
21-01672	AAA4129	0.0–5.0	Qbt3	Lithium	14.8	mg/kg	None
21-01672	AAA4129	0.0–5.0	Qbt3	Potassium	1700	mg/kg	None
21-01672	AAA4129	0.0–5.0	Qbt3	Iron	8930	mg/kg	None
21-01672	AAA4129	0.0–5.0	Qbt3	Vanadium	14.5	mg/kg	None
21-01672	AAA4129	0.0–5.0	Qbt3	Thallium	0.25	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Strontium	223	mg/kg	None
21-01672	AAA4129	0.0–5.0	Qbt3	Antimony	0.25	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Lead	15.7	mg/kg	None
21-01672	AAA4129	0.0–5.0	Qbt3	Nickel	14.8	mg/kg	None
21-01672	AAA4129	0.0–5.0	Qbt3	Molybdenum	7.2	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Manganese	203	mg/kg	None

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01672	AAA4129	0.0–5.0	Qbt3	Copper	8.2	mg/kg	None
21-01672	AAA4129	0.0–5.0	Qbt3	Beryllium	1.2	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Barium	235	mg/kg	None
21-01672	AAA4129	0.0–5.0	Qbt3	Arsenic	3.8	mg/kg	None
21-01672	AAA4129	0.0–5.0	Qbt3	Aluminum	13100	mg/kg	None
21-01672	AAA4129	0.0–5.0	Qbt3	Cesium-137	0.68	pCi/g	UJ
21-01672	AAA4129	0.0–5.0	Qbt3	Plutonium-238	0.002	pCi/g	U
21-01672	AAA4129	0.0–5.0	Qbt3	Plutonium-239	0.003	pCi/g	U
21-01672	AAA4129	0.0–5.0	Qbt3	Thorium-228	1.18	pCi/g	None
21-01672	AAA4129	0.0–5.0	Qbt3	Thorium-230	1.14	pCi/g	None
21-01672	AAA4129	0.0–5.0	Qbt3	Thorium-232	1.14	pCi/g	None
21-01672	AAA4129	0.0–5.0	Qbt3	Uranium-234	1.24	pCi/g	None
21-01672	AAA4129	0.0–5.0	Qbt3	Uranium-235	0.06	pCi/g	U
21-01672	AAA4129	0.0–5.0	Qbt3	Uranium-238	1.2	pCi/g	None
21-01672	AAA4129	0.0–5.0	Qbt3	Americium-241	0.005	pCi/g	U
21-01672	AAA4129	0.0–5.0	Qbt3	Strontium-90	-0.08	pCi/g	U
21-01672	AAA4129	0.0–5.0	Qbt3	Tritium	100.4725	pCi/g	J
21-01672	AAA4131	5.0–10.0	Qbt3	Nitroaniline[4-]	3.3	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Nitroaniline[3-]	3.3	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Nitrobenzene	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Trichlorophenol[2,4,5-]	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Chlorophenol[2-]	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Dichlorobenzene[1,2-]	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Methylphenol[2-]	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Benzidine	3.3	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Dichlorobenzidine[3,3'-]	1.3	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Chloronaphthalene[2-]	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Methylnaphthalene[2-]	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Naphthalene	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Nitrophenol[2-]	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Nitroaniline[2-]	3.3	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Trichlorophenol[2,4,6-]	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Pentachlorophenol	3.3	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Hexachlorobutadiene	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Fluorene	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Nitrosodiphenylamine[N-]	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Butylbenzylphthalate	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Phenanthrene	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Di-n-butylphthalate	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Diethylphthalate	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Acenaphthene	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Hexachlorocyclopentadiene	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Chlorophenyl-phenyl[4-] ether	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Hexachloroethane	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Benzoic acid	3.3	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Nitrosodimethylamine[N-]	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Aniline	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Nitroso-di-n-propylamine[N-]	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Anthracene	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Hexachlorobenzene	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Di-n-octylphthalate	0.66	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01672	AAA4131	5.0–10.0	Qbt3	Bis(2-chloroethoxy)methane	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Bis(2-chloroethyl)ether	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Phenol	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Oxybis(1-chloropropane)[2,2'-]	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Chloroaniline[4-]	1.3	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Dinitrotoluene[2,6-]	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Chloro-3-methylphenol[4-]	1.3	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Benzo(a)anthracene	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Dichlorobenzene[1,3-]	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Dibenz(a,h)anthracene	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Dinitro-2-methylphenol[4,6-]	3.3	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Dinitrophenol[2,4-]	3.3	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Benzo(a)pyrene	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Indeno(1,2,3-cd)pyrene	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Benzo(g,h,i)perylene	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Dibenzofuran	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Dimethyl phthalate	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Pyrene	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Dinitrotoluene[2,4-]	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Dichlorophenol[2,4-]	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Trichlorobenzene[1,2,4-]	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Bromophenyl-phenylether[4-]	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Azobenzene	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Dimethylphenol[2,4-]	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Dichlorobenzene[1,4-]	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Methylphenol[4-]	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Benzyl alcohol	1.3	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Nitrophenol[4-]	3.3	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Bis(2-ethylhexyl)phthalate	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Isophorone	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Benzo(k)fluoranthene	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Benzo(b)fluoranthene	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Fluoranthene	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Chrysene	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Acenaphthylene	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Silver	1.1	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Molybdenum	6.2	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Manganese	189	mg/kg	None
21-01672	AAA4131	5.0–10.0	Qbt3	Magnesium	5660	mg/kg	None
21-01672	AAA4131	5.0–10.0	Qbt3	Lithium	7.4	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Potassium	1440	mg/kg	None
21-01672	AAA4131	5.0–10.0	Qbt3	Iron	4190	mg/kg	None
21-01672	AAA4131	5.0–10.0	Qbt3	Copper	3.6	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Chromium	3.3	mg/kg	None
21-01672	AAA4131	5.0–10.0	Qbt3	Zinc	16.6	mg/kg	None
21-01672	AAA4131	5.0–10.0	Qbt3	Vanadium	10	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Thallium	0.21	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Strontium	262	mg/kg	None
21-01672	AAA4131	5.0–10.0	Qbt3	Selenium	0.43	mg/kg	UJ
21-01672	AAA4131	5.0–10.0	Qbt3	Antimony	0.21	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Lead	10.4	mg/kg	None

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01672	AAA4131	5.0–10.0	Qbt3	Nickel	5	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Barium	157	mg/kg	None
21-01672	AAA4131	5.0–10.0	Qbt3	Beryllium	0.6	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Calcium	67000	mg/kg	None
21-01672	AAA4131	5.0–10.0	Qbt3	Cobalt	1.9	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Cadmium	0.64	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Arsenic	2.6	mg/kg	None
21-01672	AAA4131	5.0–10.0	Qbt3	Aluminum	6210	mg/kg	None
21-01672	AAA4131	5.0–10.0	Qbt3	Cesium-137	0.39	pCi/g	UJ
21-01672	AAA4131	5.0–10.0	Qbt3	Plutonium-238	0.001	pCi/g	U
21-01672	AAA4131	5.0–10.0	Qbt3	Plutonium-239	0.005	pCi/g	U
21-01672	AAA4131	5.0–10.0	Qbt3	Thorium-230	1.22	pCi/g	None
21-01672	AAA4131	5.0–10.0	Qbt3	Thorium-232	1.21	pCi/g	None
21-01672	AAA4131	5.0–10.0	Qbt3	Thorium-228	1.2	pCi/g	None
21-01672	AAA4131	5.0–10.0	Qbt3	Uranium-234	1.22	pCi/g	None
21-01672	AAA4131	5.0–10.0	Qbt3	Uranium-235	0.12	pCi/g	U
21-01672	AAA4131	5.0–10.0	Qbt3	Uranium-238	0.87	pCi/g	None
21-01672	AAA4131	5.0–10.0	Qbt3	Americium-241	0.01	pCi/g	None
21-01672	AAA4131	5.0–10.0	Qbt3	Strontium-90	-0.12	pCi/g	U
21-01672	AAA4131	5.0–10.0	Qbt3	Tritium	989.7528	pCi/g	J
21-01672	AAA4132	10.0–15.0	Qbt3	Fluoranthene	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Chrysene	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Benzo(k)fluoranthene	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Azobenzene	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Methylphenol[2-]	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Benzo(b)fluoranthene	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Dichlorobenzene[1,3-]	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Nitroaniline[4-]	3.3	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Diethylphthalate	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Acenaphthene	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Isophorone	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Hexachlorocyclopentadiene	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Chlorophenyl-phenyl[4-] ether	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Hexachloroethane	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Benzoic acid	3.3	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Nitrosodimethylamine[N-]	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Nitroaniline[3-]	3.3	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Nitrobenzene	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Trichlorophenol[2,4,5-]	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Chlorophenol[2-]	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Dichlorobenzene[1,2-]	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Benzidine	3.3	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Dichlorobenzidine[3,3'-]	1.3	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Chloronaphthalene[2-]	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Methylnaphthalene[2-]	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Naphthalene	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Nitrophenol[2-]	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Nitroaniline[2-]	3.3	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Trichlorophenol[2,4,6-]	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Pentachlorophenol	3.3	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Hexachlorobutadiene	0.66	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01672	AAA4132	10.0–15.0	Qbt3	Fluorene	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Nitrosodiphenylamine[N-]	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Butylbenzylphthalate	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Phenanthrene	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Di-n-butylphthalate	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Aniline	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Dinitrotoluene[2,6-]	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Chloro-3-methylphenol[4-]	1.3	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Benzo(a)anthracene	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Dibenz(a,h)anthracene	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Dinitro-2-methylphenol[4,6-]	3.3	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Dinitrophenol[2,4-]	3.3	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Benzo(a)pyrene	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Anthracene	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Hexachlorobenzene	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Di-n-octylphthalate	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Bis(2-ethylhexyl)phthalate	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Bis(2-chloroethoxy)methane	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Bis(2-chloroethyl)ether	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Phenol	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Oxybis(1-chloropropane)[2,2'-]	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Indeno(1,2,3-cd)pyrene	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Benzo(g,h,i)perylene	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Dibenzofuran	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Dimethyl phthalate	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Pyrene	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Dinitrotoluene[2,4-]	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Dichlorophenol[2,4-]	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Trichlorobenzene[1,2,4-]	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Bromophenyl-phenylether[4-]	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Dimethylphenol[2,4-]	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Methylphenol[4-]	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Chloroaniline[4-]	1.3	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Dichlorobenzene[1,4-]	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Benzyl alcohol	1.3	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Nitrophenol[4-]	3.3	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Nitroso-di-n-propylamine[N-]	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Acenaphthylene	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Aluminum	9290	mg/kg	None
21-01672	AAA4132	10.0–15.0	Qbt3	Vanadium	9.3	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Thallium	0.22	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Strontium	415	mg/kg	None
21-01672	AAA4132	10.0–15.0	Qbt3	Selenium	0.45	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Antimony	0.22	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Lead	12.3	mg/kg	None
21-01672	AAA4132	10.0–15.0	Qbt3	Nickel	6	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Molybdenum	6.5	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Manganese	125	mg/kg	None
21-01672	AAA4132	10.0–15.0	Qbt3	Magnesium	8840	mg/kg	None
21-01672	AAA4132	10.0–15.0	Qbt3	Lithium	13.1	mg/kg	None
21-01672	AAA4132	10.0–15.0	Qbt3	Potassium	2440	mg/kg	None

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01672	AAA4132	10.0–15.0	Qbt3	Iron	5420	mg/kg	None
21-01672	AAA4132	10.0–15.0	Qbt3	Beryllium	0.75	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Calcium	123000	mg/kg	None
21-01672	AAA4132	10.0–15.0	Qbt3	Cadmium	0.7	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Copper	6.7	mg/kg	None
21-01672	AAA4132	10.0–15.0	Qbt3	Cobalt	2	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Barium	271	mg/kg	None
21-01672	AAA4132	10.0–15.0	Qbt3	Arsenic	2.7	mg/kg	None
21-01672	AAA4132	10.0–15.0	Qbt3	Silver	1.1	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Zinc	23.4	mg/kg	None
21-01672	AAA4132	10.0–15.0	Qbt3	Chromium	4	mg/kg	None
21-01672	AAA4132	10.0–15.0	Qbt3	Cesium-137	1.04	pCi/g	UJ
21-01672	AAA4132	10.0–15.0	Qbt3	Plutonium-238	0.002	pCi/g	U
21-01672	AAA4132	10.0–15.0	Qbt3	Plutonium-239	0.003	pCi/g	U
21-01672	AAA4132	10.0–15.0	Qbt3	Thorium-228	1.25	pCi/g	None
21-01672	AAA4132	10.0–15.0	Qbt3	Thorium-232	1.22	pCi/g	None
21-01672	AAA4132	10.0–15.0	Qbt3	Thorium-230	1.12	pCi/g	None
21-01672	AAA4132	10.0–15.0	Qbt3	Uranium-235	0.06	pCi/g	U
21-01672	AAA4132	10.0–15.0	Qbt3	Uranium-238	0.95	pCi/g	None
21-01672	AAA4132	10.0–15.0	Qbt3	Uranium-234	1.28	pCi/g	None
21-01672	AAA4132	10.0–15.0	Qbt3	Americium-241	0.009	pCi/g	U
21-01672	AAA4132	10.0–15.0	Qbt3	Strontium-90	-0.06	pCi/g	U
21-01672	AAA4132	10.0–15.0	Qbt3	Tritium	1335.583	pCi/g	J
21-01672	AAA4133	15.0–20.0	Qbt3	Dibenzofuran	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Nitroaniline[4-]	3.3	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Nitroso-di-n-propylamine[N-]	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Dinitrotoluene[2,6-]	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Chloro-3-methylphenol[4-]	1.3	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Benzo(a)anthracene	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Dichlorobenzene[1,3-]	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Dibenz(a,h)anthracene	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Dinitro-2-methylphenol[4,6-]	3.3	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Dinitrophenol[2,4-]	3.3	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Trichlorophenol[2,4,6-]	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Pentachlorophenol	3.3	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Fluorene	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Nitrosodiphenylamine[N-]	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Butylbenzylphthalate	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Phenanthrene	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Di-n-butylphthalate	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Diethylphthalate	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Nitroaniline[3-]	3.3	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Nitrobenzene	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Trichlorophenol[2,4,5-]	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Chlorophenol[2-]	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Dichlorobenzene[1,2-]	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Methylphenol[2-]	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Benzidine	3.3	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Dichlorobenzidine[3,3'-]	1.3	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Chloronaphthalene[2-]	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Methylnaphthalene[2-]	0.66	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01672	AAA4133	15.0–20.0	Qbt3	Naphthalene	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Nitrophenol[2-]	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Nitroaniline[2-]	3.3	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Acenaphthene	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Isophorone	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Hexachlorocyclopentadiene	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Chlorophenyl-phenyl[4-] ether	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Hexachloroethane	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Benzoic acid	3.3	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Nitrosodimethylamine[N-]	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Aniline	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Benzo(a)pyrene	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Indeno(1,2,3-cd)pyrene	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Benzo(g,h,i)perylene	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Dimethyl phthalate	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Pyrene	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Dichlorophenol[2,4-]	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Trichlorobenzene[1,2,4-]	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Anthracene	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Hexachlorobenzene	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Di-n-octylphthalate	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Bis(2-ethylhexyl)phthalate	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Bis(2-chloroethoxy)methane	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Bis(2-chloroethyl)ether	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Phenol	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Oxybis(1-chloropropane)[2,2'-]	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Chloroaniline[4-]	1.3	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Bromophenyl-phenylether[4-]	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Azobenzene	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Dimethylphenol[2,4-]	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Dichlorobenzene[1,4-]	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Methylphenol[4-]	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Benzyl alcohol	1.3	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Nitrophenol[4-]	3.3	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Dinitrotoluene[2,4-]	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Hexachlorobutadiene	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Benzo(b)fluoranthene	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Chrysene	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Acenaphthylene	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Fluoranthene	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Benzo(k)fluoranthene	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Chromium	1.4	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Lead	2	mg/kg	None
21-01672	AAA4133	15.0–20.0	Qbt3	Silver	1	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Nickel	2.3	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Molybdenum	6	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Manganese	64.2	mg/kg	None
21-01672	AAA4133	15.0–20.0	Qbt3	Magnesium	138	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Lithium	1.7	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Potassium	222	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Iron	921	mg/kg	None

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01672	AAA4133	15.0–20.0	Qbt3	Copper	0.62	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Zinc	6.5	mg/kg	None
21-01672	AAA4133	15.0–20.0	Qbt3	Vanadium	1	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Thallium	0.21	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Strontium	1.4	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Selenium	0.41	mg/kg	UJ
21-01672	AAA4133	15.0–20.0	Qbt3	Antimony	0.21	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Barium	3	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Beryllium	0.21	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Calcium	832	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Cobalt	1.9	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Cadmium	0.62	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Arsenic	0.83	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Aluminum	245	mg/kg	None
21-01672	AAA4133	15.0–20.0	Qbt3	Cesium-137	0.58	pCi/g	UJ
21-01672	AAA4133	15.0–20.0	Qbt3	Plutonium-238	0.001	pCi/g	U
21-01672	AAA4133	15.0–20.0	Qbt3	Plutonium-239	0.002	pCi/g	U
21-01672	AAA4133	15.0–20.0	Qbt3	Thorium-228	1.51	pCi/g	None
21-01672	AAA4133	15.0–20.0	Qbt3	Thorium-230	1.28	pCi/g	None
21-01672	AAA4133	15.0–20.0	Qbt3	Thorium-232	1.45	pCi/g	None
21-01672	AAA4133	15.0–20.0	Qbt3	Uranium-234	1.14	pCi/g	None
21-01672	AAA4133	15.0–20.0	Qbt3	Uranium-235	0.05	pCi/g	U
21-01672	AAA4133	15.0–20.0	Qbt3	Uranium-238	1.02	pCi/g	None
21-01672	AAA4133	15.0–20.0	Qbt3	Americium-241	0.008	pCi/g	None
21-01672	AAA4133	15.0–20.0	Qbt3	Strontium-90	-0.07	pCi/g	U
21-01672	AAA4133	15.0–20.0	Qbt3	Tritium	776.8942	pCi/g	J
21-10516	MD21-98-0034	0.0–0.5	ALLH	BHC[alpha-]	0.0017	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	BHC[beta-]	0.0017	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	BHC[delta-]	0.0017	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	BHC[gamma-]	0.0017	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Heptachlor	0.0017	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Aldrin	0.0017	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Heptachlor Epoxide	0.0017	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Endosulfan I	0.0017	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Dieldrin	0.0035	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	DDE[4,4'-]	0.0035	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Endrin	0.0035	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Endosulfan II	0.0035	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	DDD[4,4'-]	0.0035	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Endosulfan Sulfate	0.0035	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	DDT[4,4'-]	0.0035	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Methoxychlor[4,4'-]	0.017	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Endrin Ketone	0.0035	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Endrin Aldehyde	0.00035	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Chlordane[alpha-]	0.0017	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Chlordane[gamma-]	0.0017	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Toxaphene (technical grade)	0.17	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Aroclor-1016	0.035	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Aroclor-1221	0.069	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Aroclor-1232	0.035	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Aroclor-1242	0.035	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-10516	MD21-98-0034	0.0–0.5	ALLH	Aroclor-1248	0.035	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Aroclor-1254	0.035	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Aroclor-1260	0.035	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Fluoranthene	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Pyrene	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Butylbenzylphthalate	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Dichlorobenzidine[3,3'-]	0.69	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Benzo(a)anthracene	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Bis(2-ethylhexyl)phthalate	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Chrysene	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Di-n-octylphthalate	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Benzo(b)fluoranthene	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Benzo(k)fluoranthene	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Benzo(a)pyrene	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Dibenz(a,h)anthracene	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Benzo(g,h,i)perylene	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Benzyl alcohol	1.4	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Nitrosodimethylamine[N-]	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Aniline	0.69	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Phenol	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Bis(2-chloroethyl)ether	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Chlorophenol[2-]	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Dichlorobenzene[1,3-]	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Dichlorobenzene[1,4-]	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Dichlorobenzene[1,2-]	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Methylphenol[2-]	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Methylphenol[4-]	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Hexachloroethane	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Nitrobenzene	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Isophorone	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Nitrophenol[2-]	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Dimethylphenol[2,4-]	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Benzoic acid	3.5	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Bis(2-chloroethoxy)methane	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Dichlorophenol[2,4-]	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Trichlorobenzene[1,2,4-]	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Naphthalene	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Chloroaniline[4-]	1.4	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Hexachlorobutadiene	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Chloro-3-methylphenol[4-]	0.69	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Methylnaphthalene[2-]	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Hexachlorocyclopentadiene	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Trichlorophenol[2,4,6-]	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Trichlorophenol[2,4,5-]	1.7	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Chloronaphthalene[2-]	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Nitroaniline[2-]	1.7	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Dimethyl phthalate	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Acenaphthylene	0.35	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-10516	MD21-98-0034	0.0–0.5	ALLH	Nitroaniline[3-]	1.7	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Acenaphthene	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Dinitrophenol[2,4-]	1.7	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Nitrophenol[4-]	1.7	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Dibenzofuran	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Dinitrotoluene[2,4-]	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Dinitrotoluene[2,6-]	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Diethylphthalate	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Chlorophenyl-phenyl[4-] ether	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Fluorene	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Nitroaniline[4-]	0.69	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Nitrosodiphenylamine[N-]	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Azobenzene	0.69	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Bromophenyl-phenylether[4-]	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Hexachlorobenzene	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Pentachlorophenol	1.7	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Phenanthrene	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Anthracene	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Di-n-butylphthalate	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Aluminum	12000	mg/kg	None
21-10516	MD21-98-0034	0.0–0.5	ALLH	Arsenic	4.6	mg/kg	None
21-10516	MD21-98-0034	0.0–0.5	ALLH	Barium	100	mg/kg	None
21-10516	MD21-98-0034	0.0–0.5	ALLH	Beryllium	0.77	mg/kg	None
21-10516	MD21-98-0034	0.0–0.5	ALLH	Cadmium	0.53	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Calcium	2100	mg/kg	None
21-10516	MD21-98-0034	0.0–0.5	ALLH	Chromium	8.6	mg/kg	None
21-10516	MD21-98-0034	0.0–0.5	ALLH	Cobalt	4.9	mg/kg	None
21-10516	MD21-98-0034	0.0–0.5	ALLH	Copper	5.8	mg/kg	None
21-10516	MD21-98-0034	0.0–0.5	ALLH	Iron	10000	mg/kg	None
21-10516	MD21-98-0034	0.0–0.5	ALLH	Lead	11	mg/kg	None
21-10516	MD21-98-0034	0.0–0.5	ALLH	Magnesium	1700	mg/kg	None
21-10516	MD21-98-0034	0.0–0.5	ALLH	Manganese	310	mg/kg	J-
21-10516	MD21-98-0034	0.0–0.5	ALLH	Nickel	5.6	mg/kg	None
21-10516	MD21-98-0034	0.0–0.5	ALLH	Potassium	1700	mg/kg	None
21-10516	MD21-98-0034	0.0–0.5	ALLH	Selenium	1.1	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Silver	2.1	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Sodium	73	mg/kg	None
21-10516	MD21-98-0034	0.0–0.5	ALLH	Thallium	2.1	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Vanadium	18	mg/kg	None
21-10516	MD21-98-0034	0.0–0.5	ALLH	Zinc	36	mg/kg	None
21-10516	MD21-98-0034	0.0–0.5	ALLH	Mercury	0.22	mg/kg	None
21-10516	MD21-98-0034	0.0–0.5	ALLH	Americium-241	-0.12	pCi/g	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Cobalt-60	0.067	pCi/g	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Cesium-134	0.021	pCi/g	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Cesium-137	0.076	pCi/g	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Europium-152	0.02	pCi/g	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Sodium-22	-0.06	pCi/g	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Ruthenium-106	0.11	pCi/g	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Tritium	0.11	pCi/g	None
21-10516	MD21-98-0034	0.0–0.5	ALLH	Thorium-228	1.42	pCi/g	None

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-10516	MD21-98-0034	0.0–0.5	ALLH	Thorium-230	1.133	pCi/g	None
21-10516	MD21-98-0034	0.0–0.5	ALLH	Thorium-232	1.4	pCi/g	None
21-10516	MD21-98-0034	0.0–0.5	ALLH	Uranium-234	1.32	pCi/g	None
21-10516	MD21-98-0034	0.0–0.5	ALLH	Uranium-235	0.044	pCi/g	None
21-10516	MD21-98-0034	0.0–0.5	ALLH	Uranium-238	1.106	pCi/g	None
21-10515	MD21-98-0035	0.0–0.5	Qbt3	BHC[alpha-]	0.0017	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	BHC[beta-]	0.0017	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	BHC[delta-]	0.0017	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	BHC[gamma-]	0.0017	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Heptachlor	0.0017	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Aldrin	0.0017	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Heptachlor epoxide	0.0017	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Endosulfan I	0.0017	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Dieldrin	0.0033	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	DDE[4,4'-]	0.0033	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Endrin	0.0033	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Endosulfan II	0.0033	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	DDD[4,4'-]	0.0033	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Endosulfan sulfate	0.0033	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	DDT[4,4'-]	0.0033	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Methoxychlor[4,4'-]	0.017	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Endrin ketone	0.0033	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Endrin aldehyde	0.00033	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Chlordane[alpha-]	0.0017	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Chlordane[gamma-]	0.0017	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Toxaphene (technical grade)	0.17	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Aroclor-1016	0.033	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Aroclor-1221	0.067	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Aroclor-1232	0.033	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Aroclor-1242	0.033	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Aroclor-1248	0.033	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Aroclor-1254	0.11	mg/kg	None
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Aroclor-1260	0.033	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Acenaphthylene	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Nitroaniline[3-]	1.6	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Acenaphthene	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Dinitrophenol[2,4-]	1.6	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Nitrophenol[4-]	1.6	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Dibenzofuran	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Dinitrotoluene[2,4-]	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Dinitrotoluene[2,6-]	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Diethylphthalate	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Chlorophenyl-phenyl[4-] ether	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Fluorene	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Nitroaniline[4-]	0.67	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Dinitro-2-methylphenol[4,6-]	1.6	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Nitrosodiphenylamine[N-]	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Azobenzene	0.67	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Bromophenyl-phenylether[4-]	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Hexachlorobenzene	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Pentachlorophenol	1.6	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Phenanthrene	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Anthracene	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Di-n-butylphthalate	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Fluoranthene	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Pyrene	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Butylbenzylphthalate	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Dichlorobenzidine[3,3'-]	0.67	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Benzo(a)anthracene	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Bis(2-ethylhexyl)phthalate	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Chrysene	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Di-n-octylphthalate	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Benzo(b)fluoranthene	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Benzo(k)fluoranthene	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Benzo(a)pyrene	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Indeno(1,2,3-cd)pyrene	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Dibenz(a,h)anthracene	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Benzo(g,h,i)perylene	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Benzyl alcohol	1.3	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Oxybis(1-chloropropane)[2,2'-]	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Nitrosodimethylamine[N-]	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Aniline	0.67	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Phenol	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Bis(2-chloroethyl)ether	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Chlorophenol[2-]	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Dichlorobenzene[1,3-]	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Dichlorobenzene[1,4-]	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Dichlorobenzene[1,2-]	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Methylphenol[2-]	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Methylphenol[4-]	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Nitroso-di-n-propylamine[N-]	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Hexachloroethane	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Nitrobenzene	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Isophorone	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Nitrophenol[2-]	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Dimethylphenol[2,4-]	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Benzoic acid	3.3	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Bis(2-chloroethoxy)methane	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Dichlorophenol[2,4-]	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Trichlorobenzene[1,2,4-]	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Naphthalene	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Chloroaniline[4-]	1.3	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Hexachlorobutadiene	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Chloro-3-methylphenol[4-]	0.67	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Methylnaphthalene[2-]	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Hexachlorocyclopentadiene	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Trichlorophenol[2,4,6-]	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Trichlorophenol[2,4,5-]	1.6	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Chloronaphthalene[2-]	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Nitroaniline[2-]	1.6	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Dimethyl phthalate	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Arsenic	2.3	mg/kg	None

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Barium	8.7	mg/kg	None
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Beryllium	0.51	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Cadmium	0.51	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Calcium	360	mg/kg	None
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Chromium	1.2	mg/kg	None
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Cobalt	1	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Copper	1	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Iron	3500	mg/kg	None
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Lead	8.1	mg/kg	None
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Magnesium	290	mg/kg	None
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Manganese	130	mg/kg	J-
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Nickel	2	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Potassium	220	mg/kg	None
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Selenium	1	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Silver	2	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Sodium	69	mg/kg	None
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Thallium	2	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Vanadium	2.8	mg/kg	None
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Zinc	25	mg/kg	None
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Aluminum	1600	mg/kg	None
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Mercury	0.1	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Americium-241	0.1	pCi/g	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Cobalt-60	-0.048	pCi/g	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Cesium-134	0.012	pCi/g	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Cesium-137	-0.033	pCi/g	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Europium-152	0.09	pCi/g	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Sodium-22	0.025	pCi/g	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Ruthenium-106	-0.2	pCi/g	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Tritium	0.06	pCi/g	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Thorium-228	1.315	pCi/g	None
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Thorium-230	0.925	pCi/g	None
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Thorium-232	1.38	pCi/g	None
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Uranium-235	0.03	pCi/g	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Uranium-238	0.689	pCi/g	None
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Uranium-234	0.844	pCi/g	None
21-10514	MD21-98-0036	0.0–0.5	ALLH	Endrin aldehyde	0.00037	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Chlordane[alpha-]	0.0018	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Chlordane[gamma-]	0.0018	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Toxaphene (technical grade)	0.18	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Aroclor-1016	0.037	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Aroclor-1221	0.073	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Aroclor-1232	0.037	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Aroclor-1242	0.037	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Aroclor-1248	0.037	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Aroclor-1254	0.037	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Aroclor-1260	0.037	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	BHC[alpha-]	0.0018	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	BHC[beta-]	0.0018	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	BHC[delta-]	0.0018	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	BHC[gamma-]	0.0018	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Heptachlor	0.0018	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-10514	MD21-98-0036	0.0–0.5	ALLH	Aldrin	0.0018	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Heptachlor epoxide	0.0018	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Endosulfan I	0.0018	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Dieldrin	0.0037	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	DDE[4,4'-]	0.0037	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Endrin	0.0037	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Endosulfan II	0.0037	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	DDD[4,4'-]	0.0037	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Endosulfan sulfate	0.0037	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	DDT[4,4'-]	0.0037	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Methoxychlor[4,4'-]	0.018	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Endrin ketone	0.0037	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Benzo(b)fluoranthene	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Benzo(k)fluoranthene	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Benzo(a)pyrene	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Indeno(1,2,3-cd)pyrene	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Dibenz(a,h)anthracene	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Benzo(g,h,i)perylene	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Benzyl alcohol	1.4	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Methylphenol[4-]	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Nitroso-di-n-propylamine[N-]	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Hexachloroethane	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Nitrobenzene	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Isophorone	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Nitrophenol[2-]	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Dimethylphenol[2,4-]	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Benzoic acid	3.7	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Bis(2-chloroethoxy)methane	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Dichlorophenol[2,4-]	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Trichlorobenzene[1,2,4-]	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Naphthalene	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Chloroaniline[4-]	1.4	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Hexachlorobutadiene	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Chloro-3-methylphenol[4-]	0.73	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Methylnaphthalene[2-]	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Hexachlorocyclopentadiene	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Trichlorophenol[2,4,6-]	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Trichlorophenol[2,4,5-]	1.8	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Chloronaphthalene[2-]	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Nitroaniline[2-]	1.8	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Dimethyl phthalate	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Acenaphthylene	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Nitroaniline[3-]	1.8	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Acenaphthene	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Dinitrophenol[2,4-]	1.8	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Nitrophenol[4-]	1.8	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Dibenzofuran	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Dinitrotoluene[2,4-]	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Dinitrotoluene[2,6-]	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Diethylphthalate	0.37	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-10514	MD21-98-0036	0.0–0.5	ALLH	Chlorophenyl-phenyl[4-] ether	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Fluorene	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Nitroaniline[4-]	0.73	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Dinitro-2-methylphenol[4,6-]	1.8	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Nitrosodiphenylamine[N-]	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Azobenzene	0.73	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Bromophenyl-phenylether[4-]	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Hexachlorobenzene	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Pentachlorophenol	1.8	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Phenanthrene	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Anthracene	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Di-n-butylphthalate	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Fluoranthene	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Pyrene	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Butylbenzylphthalate	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Dichlorobenzidine[3,3'-]	0.73	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Benzo(a)anthracene	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Bis(2-ethylhexyl)phthalate	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Chrysene	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Di-n-octylphthalate	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Nitrosodimethylamine[N-]	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Aniline	0.73	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Phenol	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Bis(2-chloroethyl)ether	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Chlorophenol[2-]	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Dichlorobenzene[1,3-]	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Dichlorobenzene[1,4-]	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Dichlorobenzene[1,2-]	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Methylphenol[2-]	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Aluminum	14000	mg/kg	None
21-10514	MD21-98-0036	0.0–0.5	ALLH	Arsenic	4.4	mg/kg	None
21-10514	MD21-98-0036	0.0–0.5	ALLH	Barium	120	mg/kg	None
21-10514	MD21-98-0036	0.0–0.5	ALLH	Beryllium	0.85	mg/kg	None
21-10514	MD21-98-0036	0.0–0.5	ALLH	Cadmium	0.56	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Calcium	4100	mg/kg	None
21-10514	MD21-98-0036	0.0–0.5	ALLH	Chromium	9.3	mg/kg	None
21-10514	MD21-98-0036	0.0–0.5	ALLH	Cobalt	5	mg/kg	None
21-10514	MD21-98-0036	0.0–0.5	ALLH	Copper	8	mg/kg	None
21-10514	MD21-98-0036	0.0–0.5	ALLH	Iron	11000	mg/kg	None
21-10514	MD21-98-0036	0.0–0.5	ALLH	Lead	16	mg/kg	None
21-10514	MD21-98-0036	0.0–0.5	ALLH	Magnesium	2300	mg/kg	None
21-10514	MD21-98-0036	0.0–0.5	ALLH	Manganese	320	mg/kg	J-
21-10514	MD21-98-0036	0.0–0.5	ALLH	Nickel	6.7	mg/kg	None
21-10514	MD21-98-0036	0.0–0.5	ALLH	Potassium	2600	mg/kg	None
21-10514	MD21-98-0036	0.0–0.5	ALLH	Selenium	1.1	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Silver	2.2	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Sodium	83	mg/kg	None
21-10514	MD21-98-0036	0.0–0.5	ALLH	Thallium	2.2	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Vanadium	17	mg/kg	None
21-10514	MD21-98-0036	0.0–0.5	ALLH	Zinc	54	mg/kg	None
21-10514	MD21-98-0036	0.0–0.5	ALLH	Mercury	0.11	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-10514	MD21-98-0036	0.0–0.5	ALLH	Cobalt-60	0.062	pCi/g	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Cesium-134	0.019	pCi/g	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Cesium-137	0.69	pCi/g	None
21-10514	MD21-98-0036	0.0–0.5	ALLH	Europium-152	-0.05	pCi/g	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Sodium-22	0.018	pCi/g	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Ruthenium-106	0	pCi/g	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Americium-241	0.19	pCi/g	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Tritium	0.63	pCi/g	None
21-10514	MD21-98-0036	0.0–0.5	ALLH	Thorium-228	1.326	pCi/g	None
21-10514	MD21-98-0036	0.0–0.5	ALLH	Thorium-230	1.118	pCi/g	None
21-10514	MD21-98-0036	0.0–0.5	ALLH	Thorium-232	1.52	pCi/g	None
21-10514	MD21-98-0036	0.0–0.5	ALLH	Uranium-234	1.118	pCi/g	None
21-10514	MD21-98-0036	0.0–0.5	ALLH	Uranium-235	0.098	pCi/g	None
21-10514	MD21-98-0036	0.0–0.5	ALLH	Uranium-238	1.099	pCi/g	None
21-10513	MD21-98-0037	0.0–0.5	Qbt3	BHC[alpha-]	0.0019	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	BHC[beta-]	0.0019	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	BHC[delta-]	0.0019	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	BHC[gamma-]	0.0019	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Heptachlor	0.0019	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Aldrin	0.0019	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Heptachlor epoxide	0.0019	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Endosulfan I	0.0019	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Dieldrin	0.0037	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	DDE[4,4'-]	0.0037	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Endrin	0.0037	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Endosulfan II	0.0037	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	DDD[4,4'-]	0.0037	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Endosulfan sulfate	0.0037	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	DDT[4,4'-]	0.0037	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Methoxychlor[4,4'-]	0.019	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Endrin ketone	0.0037	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Endrin aldehyde	0.00037	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Chlordane[alpha-]	0.0019	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Chlordane[gamma-]	0.0019	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Toxaphene (technical grade)	0.19	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Aroclor-1016	0.037	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Aroclor-1221	0.074	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Aroclor-1232	0.037	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Aroclor-1242	0.037	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Aroclor-1248	0.037	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Aroclor-1254	0.037	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Aroclor-1260	0.037	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Dinitrotoluene[2,6-]	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Diethylphthalate	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Chlorophenyl-phenyl[4-] ether	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Fluorene	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Nitroaniline[4-]	0.74	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Dinitro-2-methylphenol[4,6-]	1.8	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Nitrosodiphenylamine[N-]	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Azobenzene	0.74	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Bromophenyl-phenylether[4-]	0.37	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Hexachlorobenzene	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Pentachlorophenol	1.8	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Phenanthrene	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Anthracene	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Di-n-butylphthalate	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Fluoranthene	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Pyrene	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Butylbenzylphthalate	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Dichlorobenzidine[3,3'-]	0.74	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Benzo(a)anthracene	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Bis(2-ethylhexyl)phthalate	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Chrysene	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Di-n-octylphthalate	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Benzo(b)fluoranthene	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Benzo(k)fluoranthene	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Benzo(a)pyrene	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Indeno(1,2,3-cd)pyrene	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Dibenz(a,h)anthracene	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Benzo(g,h,i)perylene	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Benzyl alcohol	1.5	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Oxybis(1-chloropropane)[2,2'-]	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Nitrosodimethylamine[N-]	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Aniline	0.74	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Phenol	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Bis(2-chloroethyl)ether	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Chlorophenol[2-]	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Dichlorobenzene[1,3-]	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Dichlorobenzene[1,4-]	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Dichlorobenzene[1,2-]	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Methylphenol[2-]	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Methylphenol[4-]	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Nitroso-di-n-propylamine[N-]	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Hexachloroethane	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Nitrobenzene	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Isophorone	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Nitrophenol[2-]	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Dimethylphenol[2,4-]	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Benzoic acid	3.7	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Bis(2-chloroethoxy)methane	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Dichlorophenol[2,4-]	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Trichlorobenzene[1,2,4-]	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Naphthalene	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Chloroaniline[4-]	1.5	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Hexachlorobutadiene	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Chloro-3-methylphenol[4-]	0.74	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Methylnaphthalene[2-]	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Hexachlorocyclopentadiene	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Trichlorophenol[2,4,6-]	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Trichlorophenol[2,4,5-]	1.8	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Chloronaphthalene[2-]	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Nitroaniline[2-]	1.8	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Dimethyl phthalate	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Acenaphthylene	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Nitroaniline[3-]	1.8	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Acenaphthene	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Dinitrophenol[2,4-]	1.8	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Nitrophenol[4-]	1.8	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Dibenzofuran	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Dinitrotoluene[2,4-]	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Nickel	8.3	mg/kg	None
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Potassium	2500	mg/kg	None
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Selenium	1.1	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Silver	2.2	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Sodium	140	mg/kg	None
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Thallium	2.2	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Vanadium	28	mg/kg	None
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Zinc	60	mg/kg	None
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Aluminum	25000	mg/kg	None
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Antimony	11	mg/kg	UJ
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Arsenic	8.2	mg/kg	None
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Barium	110	mg/kg	None
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Beryllium	1.8	mg/kg	None
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Cadmium	0.56	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Calcium	3100	mg/kg	None
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Chromium	16	mg/kg	None
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Cobalt	5.7	mg/kg	None
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Copper	8	mg/kg	None
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Iron	17000	mg/kg	None
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Lead	26	mg/kg	None
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Magnesium	2900	mg/kg	None
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Manganese	270	mg/kg	J-
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Mercury	0.18	mg/kg	None
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Cobalt-60	-0.031	pCi/g	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Cesium-134	-0.034	pCi/g	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Cesium-137	0.062	pCi/g	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Europium-152	0.04	pCi/g	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Sodium-22	-0.02	pCi/g	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Ruthenium-106	0.15	pCi/g	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Tritium	0.25	pCi/g	None
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Thorium-228	1.67	pCi/g	None
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Thorium-230	1.129	pCi/g	None
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Thorium-232	1.71	pCi/g	None
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Uranium-234	0.926	pCi/g	None
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Uranium-235	0.041	pCi/g	None
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Uranium-238	0.829	pCi/g	None
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Dieldrin	0.0034	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	DDE[4,4'-]	0.0034	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Endrin	0.0034	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Endosulfan II	0.0034	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	DDD[4,4'-]	0.0034	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Endosulfan sulfate	0.0034	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	DDT[4,4'-]	0.0034	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Methoxychlor[4,4'-]	0.017	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Endrin ketone	0.0034	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Endrin aldehyde	0.00034	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Chlordane[alpha-]	0.0017	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Chlordane[gamma-]	0.0017	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Toxaphene (technical grade)	0.17	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Aroclor-1016	0.034	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Aroclor-1221	0.067	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Aroclor-1232	0.034	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Aroclor-1242	0.034	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Aroclor-1248	0.034	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Aroclor-1254	0.034	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Aroclor-1260	0.034	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	BHC[alpha-]	0.0017	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	BHC[beta-]	0.0017	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	BHC[delta-]	0.0017	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	BHC[gamma-]	0.0017	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Heptachlor	0.0017	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Aldrin	0.0017	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Heptachlor epoxide	0.0017	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Endosulfan I	0.0017	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Oxybis(1-chloropropane)[2,2'-]	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Benzoic acid	3.4	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Bis(2-chloroethoxy)methane	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Dichlorophenol[2,4-]	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Trichlorobenzene[1,2,4-]	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Naphthalene	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Chloroaniline[4-]	1.3	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Hexachlorobutadiene	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Chloro-3-methylphenol[4-]	0.67	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Methylnaphthalene[2-]	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Hexachlorocyclopentadiene	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Trichlorophenol[2,4,6-]	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Trichlorophenol[2,4,5-]	1.6	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Chloronaphthalene[2-]	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Nitroaniline[2-]	1.6	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Dimethyl phthalate	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Acenaphthylene	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Nitroaniline[3-]	1.6	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Acenaphthene	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Dinitrophenol[2,4-]	1.6	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Nitrophenol[4-]	1.6	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Dibenzofuran	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Dinitrotoluene[2,4-]	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Dinitrotoluene[2,6-]	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Diethylphthalate	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Chlorophenyl-phenyl[4-] ether	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Fluorene	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Nitroaniline[4-]	0.67	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Dinitro-2-methylphenol[4,6-]	1.6	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Nitrosodiphenylamine[N-]	0.34	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Azobenzene	0.67	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Bromophenyl-phenylether[4-]	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Hexachlorobenzene	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Pentachlorophenol	1.6	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Phenanthrene	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Anthracene	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Di-n-butylphthalate	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Fluoranthene	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Pyrene	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Butylbenzylphthalate	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Dichlorobenzidine[3,3'-]	0.67	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Benzo(a)anthracene	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Bis(2-ethylhexyl)phthalate	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Chrysene	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Di-n-octylphthalate	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Benzo(b)fluoranthene	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Benzo(k)fluoranthene	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Benzo(a)pyrene	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Indeno(1,2,3-cd)pyrene	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Dibenz(a,h)anthracene	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Benzo(g,h,i)perylene	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Benzyl alcohol	1.3	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Nitrosodimethylamine[N-]	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Aniline	0.67	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Phenol	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Bis(2-chloroethyl)ether	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Chlorophenol[2-]	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Dichlorobenzene[1,3-]	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Dichlorobenzene[1,4-]	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Dichlorobenzene[1,2-]	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Methylphenol[2-]	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Methylphenol[4-]	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Nitroso-di-n-propylamine[N-]	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Hexachloroethane	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Nitrobenzene	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Isophorone	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Nitrophenol[2-]	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Dimethylphenol[2,4-]	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Aluminum	2500	mg/kg	None
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Arsenic	2.5	mg/kg	None
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Barium	12	mg/kg	None
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Beryllium	0.51	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Cadmium	0.51	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Calcium	490	mg/kg	None
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Chromium	1.6	mg/kg	None
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Cobalt	1	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Copper	1	mg/kg	None
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Iron	3800	mg/kg	None
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Lead	3.6	mg/kg	None
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Magnesium	310	mg/kg	None
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Manganese	130	mg/kg	J-

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Nickel	2	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Potassium	310	mg/kg	None
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Selenium	1	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Silver	2	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Sodium	96	mg/kg	None
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Thallium	2	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Vanadium	4.3	mg/kg	None
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Zinc	20	mg/kg	None
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Mercury	0.1	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Cesium-134	-0.004	pCi/g	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Cesium-137	-0.044	pCi/g	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Europium-152	0.02	pCi/g	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Sodium-22	-0.021	pCi/g	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Ruthenium-106	-0.17	pCi/g	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Americium-241	-0.01	pCi/g	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Cobalt-60	-0.1	pCi/g	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Tritium	0.09	pCi/g	None
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Thorium-228	1.279	pCi/g	None
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Thorium-230	0.892	pCi/g	None
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Thorium-232	1.168	pCi/g	None
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Uranium-234	0.879	pCi/g	None
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Uranium-235	0.0222	pCi/g	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Uranium-238	0.822	pCi/g	None
21-10511	MD21-98-0039	0.0–0.5	Qbt3	BHC[alpha-]	0.0017	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	BHC[beta-]	0.0017	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	BHC[delta-]	0.0017	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	BHC[gamma-]	0.0017	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Heptachlor	0.0017	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Aldrin	0.0017	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Heptachlor epoxide	0.0017	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Endosulfan I	0.0017	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Dieldrin	0.0034	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	DDE[4,4'-]	0.0034	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Endrin	0.0034	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Endosulfan II	0.0034	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	DDD[4,4'-]	0.0034	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Endosulfan sulfate	0.0034	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	DDT[4,4'-]	0.0034	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Methoxychlor[4,4'-]	0.017	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Endrin ketone	0.0034	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Endrin aldehyde	0.00034	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Chlordane[alpha-]	0.0017	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Chlordane[gamma-]	0.0017	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Toxaphene (technical grade)	0.17	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Aroclor-1016	0.034	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Aroclor-1221	0.068	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Aroclor-1232	0.034	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Aroclor-1242	0.034	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Aroclor-1248	0.034	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Aroclor-1254	0.034	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Aroclor-1260	0.034	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Azobenzene	0.68	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Bromophenyl-phenylether[4-]	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Hexachlorobenzene	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Pentachlorophenol	1.7	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Phenanthrene	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Anthracene	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Di-n-butylphthalate	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Fluoranthene	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Pyrene	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Butylbenzylphthalate	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Dichlorobenzidine[3,3'-]	0.68	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Benzo(a)anthracene	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Bis(2-ethylhexyl)phthalate	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Chrysene	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Di-n-octylphthalate	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Benzo(b)fluoranthene	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Benzo(k)fluoranthene	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Benzo(a)pyrene	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Indeno(1,2,3-cd)pyrene	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Dibenz(a,h)anthracene	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Benzo(g,h,i)perylene	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Benzyl alcohol	1.3	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Oxybis(1-chloropropane)[2,2'-]	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Nitrosodimethylamine[N-]	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Aniline	0.68	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Phenol	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Bis(2-chloroethyl)ether	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Chlorophenol[2-]	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Dichlorobenzene[1,3-]	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Dichlorobenzene[1,4-]	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Dichlorobenzene[1,2-]	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Methylphenol[2-]	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Methylphenol[4-]	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Nitroso-di-n-propylamine[N-]	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Hexachloroethane	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Nitrobenzene	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Isophorone	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Nitrophenol[2-]	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Dimethylphenol[2,4-]	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Benzoic acid	3.4	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Bis(2-chloroethoxy)methane	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Dichlorophenol[2,4-]	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Trichlorobenzene[1,2,4-]	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Naphthalene	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Chloroaniline[4-]	1.3	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Hexachlorobutadiene	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Chloro-3-methylphenol[4-]	0.68	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Methylnaphthalene[2-]	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Hexachlorocyclopentadiene	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Trichlorophenol[2,4,6-]	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Trichlorophenol[2,4,5-]	1.7	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Chloronaphthalene[2-]	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Nitroaniline[2-]	1.7	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Dimethyl phthalate	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Acenaphthylene	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Nitroaniline[3-]	1.7	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Acenaphthene	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Dinitrophenol[2,4-]	1.7	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Nitrophenol[4-]	1.7	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Dibenzofuran	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Dinitrotoluene[2,4-]	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Dinitrotoluene[2,6-]	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Diethylphthalate	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Chlorophenyl-phenyl[4-] ether	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Fluorene	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Nitroaniline[4-]	0.68	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Nitrosodiphenylamine[N-]	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Aluminum	1300	mg/kg	None
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Arsenic	2.3	mg/kg	None
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Barium	11	mg/kg	None
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Beryllium	0.52	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Cadmium	0.52	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Calcium	1900	mg/kg	None
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Chromium	1	mg/kg	None
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Cobalt	1	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Copper	1	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Iron	3400	mg/kg	None
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Lead	13	mg/kg	None
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Magnesium	310	mg/kg	None
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Manganese	130	mg/kg	J-
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Nickel	2.1	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Potassium	240	mg/kg	None
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Selenium	1	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Silver	2.1	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Sodium	67	mg/kg	None
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Thallium	2.1	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Vanadium	2.4	mg/kg	None
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Zinc	20	mg/kg	None
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Mercury	0.1	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Sodium-22	-0.061	pCi/g	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Americium-241	0.26	pCi/g	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Cobalt-60	-0.016	pCi/g	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Cesium-134	0.011	pCi/g	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Cesium-137	0.011	pCi/g	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Europium-152	0.12	pCi/g	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Tritium	0.1	pCi/g	None
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Thorium-228	1.52	pCi/g	None
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Thorium-230	0.937	pCi/g	None
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Thorium-232	1.41	pCi/g	None
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Uranium-234	0.667	pCi/g	None
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Uranium-238	0.668	pCi/g	None

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Uranium-235	0.043	pCi/g	None
21-10510	MD21-98-0040	0.0–0.5	Qbt3	BHC[alpha-]	0.0018	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	BHC[beta-]	0.0018	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	BHC[delta-]	0.0018	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	BHC[gamma-]	0.0018	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Heptachlor	0.0018	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Aldrin	0.0018	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Heptachlor epoxide	0.0018	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Endosulfan I	0.0018	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Dieldrin	0.0035	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	DDE[4,4'-]	0.0035	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Endrin	0.0035	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Endosulfan II	0.0035	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	DDD[4,4'-]	0.0035	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Endosulfan sulfate	0.0035	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	DDT[4,4'-]	0.0035	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Methoxychlor[4,4'-]	0.018	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Endrin ketone	0.0035	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Endrin aldehyde	0.00035	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Chlordane[alpha-]	0.0018	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Chlordane[gamma-]	0.0018	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Toxaphene (technical grade)	0.18	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Aroclor-1016	0.035	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Aroclor-1221	0.071	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Aroclor-1232	0.035	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Aroclor-1242	0.035	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Aroclor-1248	0.035	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Aroclor-1254	0.035	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Aroclor-1260	0.035	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Chloro-3-methylphenol[4-]	0.71	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Methylnaphthalene[2-]	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Hexachlorocyclopentadiene	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Trichlorophenol[2,4,6-]	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Trichlorophenol[2,4,5-]	1.7	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Chloronaphthalene[2-]	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Nitroaniline[2-]	1.7	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Dimethyl phthalate	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Acenaphthylene	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Nitroaniline[3-]	1.7	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Acenaphthene	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Dinitrophenol[2,4-]	1.7	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Nitrophenol[4-]	1.7	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Dibenzofuran	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Dinitrotoluene[2,4-]	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Dinitrotoluene[2,6-]	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Diethylphthalate	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Chlorophenyl-phenyl[4-] ether	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Fluorene	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Nitroaniline[4-]	0.71	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Nitrosodiphenylamine[N-]	0.35	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Azobenzene	0.71	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Bromophenyl-phenylether[4-]	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Hexachlorobenzene	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Pentachlorophenol	1.7	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Phenanthrene	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Anthracene	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Di-n-butylphthalate	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Fluoranthene	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Pyrene	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Butylbenzylphthalate	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Dichlorobenzidine[3,3'-]	0.71	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Benzo(a)anthracene	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Bis(2-ethylhexyl)phthalate	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Chrysene	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Di-n-octylphthalate	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Benzo(b)fluoranthene	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Benzo(k)fluoranthene	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Benzo(a)pyrene	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Dibenz(a,h)anthracene	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Benzo(g,h,i)perylene	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Benzyl alcohol	1.4	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Nitrosodimethylamine[N-]	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Aniline	0.71	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Phenol	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Bis(2-chloroethyl)ether	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Chlorophenol[2-]	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Dichlorobenzene[1,3-]	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Dichlorobenzene[1,4-]	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Dichlorobenzene[1,2-]	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Methylphenol[2-]	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Methylphenol[4-]	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Hexachloroethane	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Nitrobenzene	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Isophorone	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Nitrophenol[2-]	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Dimethylphenol[2,4-]	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Benzoic acid	3.5	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Bis(2-chloroethoxy)methane	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Dichlorophenol[2,4-]	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Trichlorobenzene[1,2,4-]	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Naphthalene	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Chloroaniline[4-]	1.4	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Hexachlorobutadiene	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Beryllium	0.55	mg/kg	None
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Cadmium	0.54	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Calcium	910	mg/kg	None
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Chromium	4.4	mg/kg	None
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Cobalt	1.9	mg/kg	None

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Copper	3.9	mg/kg	None
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Iron	6200	mg/kg	None
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Lead	7.9	mg/kg	None
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Magnesium	790	mg/kg	None
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Manganese	140	mg/kg	J-
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Nickel	2.9	mg/kg	None
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Potassium	700	mg/kg	None
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Selenium	1.1	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Silver	2.2	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Sodium	79	mg/kg	None
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Thallium	2.2	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Vanadium	11	mg/kg	None
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Zinc	140	mg/kg	None
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Aluminum	6400	mg/kg	None
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Arsenic	4.5	mg/kg	None
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Barium	43	mg/kg	None
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Mercury	0.11	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Ruthenium-106	-0.71	pCi/g	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Americium-241	-0.29	pCi/g	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Cobalt-60	-0.026	pCi/g	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Cesium-134	0.006	pCi/g	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Cesium-137	-0.012	pCi/g	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Europium-152	0.04	pCi/g	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Sodium-22	0.009	pCi/g	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Tritium	0.09	pCi/g	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Thorium-228	1.44	pCi/g	None
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Thorium-230	0.914	pCi/g	None
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Thorium-232	1.335	pCi/g	None
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Uranium-234	0.991	pCi/g	None
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Uranium-235	0.037	pCi/g	None
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Uranium-238	0.828	pCi/g	None
21-10509	MD21-98-0041	0.0–0.5	ALLH	Toxaphene (technical grade)	0.18	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Aroclor-1016	0.036	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Aroclor-1221	0.073	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Aroclor-1232	0.036	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Aroclor-1242	0.036	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Aroclor-1248	0.036	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Aroclor-1254	0.036	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Aroclor-1260	0.036	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	BHC[alpha-]	0.0018	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	BHC[beta-]	0.0018	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	BHC[delta-]	0.0018	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	BHC[gamma-]	0.0018	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Heptachlor	0.0018	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Aldrin	0.0018	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Heptachlor epoxide	0.0018	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Endosulfan I	0.0018	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Dieldrin	0.0036	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	DDE[4,4'-]	0.0036	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Endrin	0.0036	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Endosulfan II	0.0036	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-10509	MD21-98-0041	0.0–0.5	ALLH	DDD[4,4'-]	0.0036	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Endosulfan sulfate	0.0036	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	DDT[4,4'-]	0.0036	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Methoxychlor[4,4'-]	0.018	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Endrin ketone	0.0036	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Endrin aldehyde	0.00036	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Chlordane[alpha-]	0.0018	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Chlordane[gamma-]	0.0018	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Fluoranthene	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Pyrene	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Butylbenzylphthalate	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Dichlorobenzidine[3,3'-]	0.73	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Benzo(a)anthracene	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Bis(2-ethylhexyl)phthalate	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Chrysene	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Di-n-octylphthalate	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Benzo(b)fluoranthene	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Benzo(k)fluoranthene	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Benzo(a)pyrene	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Indeno(1,2,3-cd)pyrene	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Dibenz(a,h)anthracene	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Benzo(g,h,i)perylene	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Benzyl alcohol	1.4	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Aniline	0.73	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Phenol	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Bis(2-chloroethyl)ether	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Chlorophenol[2-]	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Dichlorobenzene[1,3-]	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Dichlorobenzene[1,4-]	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Dichlorobenzene[1,2-]	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Methylphenol[2-]	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Methylphenol[4-]	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Nitroso-di-n-propylamine[N-]	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Hexachloroethane	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Nitrobenzene	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Isophorone	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Nitrophenol[2-]	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Dimethylphenol[2,4-]	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Benzoic acid	3.6	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Bis(2-chloroethoxy)methane	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Dichlorophenol[2,4-]	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Trichlorobenzene[1,2,4-]	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Naphthalene	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Chloroaniline[4-]	1.4	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Hexachlorobutadiene	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Chloro-3-methylphenol[4-]	0.73	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Methylnaphthalene[2-]	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Hexachlorocyclopentadiene	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Trichlorophenol[2,4,6-]	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Trichlorophenol[2,4,5-]	1.8	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-10509	MD21-98-0041	0.0–0.5	ALLH	Chloronaphthalene[2-]	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Nitroaniline[2-]	1.8	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Dimethyl phthalate	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Acenaphthylene	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Nitroaniline[3-]	1.8	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Acenaphthene	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Dinitrophenol[2,4-]	1.8	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Nitrophenol[4-]	1.8	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Dibenzofuran	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Dinitrotoluene[2,4-]	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Dinitrotoluene[2,6-]	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Diethylphthalate	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Chlorophenyl-phenyl[4-] ether	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Fluorene	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Nitroaniline[4-]	0.73	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Dinitro-2-methylphenol[4,6-]	1.8	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Nitrosodiphenylamine[N-]	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Azobenzene	0.73	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Bromophenyl-phenylether[4-]	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Hexachlorobenzene	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Pentachlorophenol	1.8	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Phenanthrene	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Anthracene	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Di-n-butylphthalate	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Nitrosodimethylamine[N-]	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Aluminum	14000	mg/kg	None
21-10509	MD21-98-0041	0.0–0.5	ALLH	Arsenic	4.6	mg/kg	None
21-10509	MD21-98-0041	0.0–0.5	ALLH	Barium	150	mg/kg	None
21-10509	MD21-98-0041	0.0–0.5	ALLH	Beryllium	0.88	mg/kg	None
21-10509	MD21-98-0041	0.0–0.5	ALLH	Cadmium	0.55	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Calcium	6700	mg/kg	None
21-10509	MD21-98-0041	0.0–0.5	ALLH	Chromium	10	mg/kg	None
21-10509	MD21-98-0041	0.0–0.5	ALLH	Cobalt	5.1	mg/kg	None
21-10509	MD21-98-0041	0.0–0.5	ALLH	Copper	11	mg/kg	None
21-10509	MD21-98-0041	0.0–0.5	ALLH	Iron	12000	mg/kg	None
21-10509	MD21-98-0041	0.0–0.5	ALLH	Lead	20	mg/kg	None
21-10509	MD21-98-0041	0.0–0.5	ALLH	Magnesium	2500	mg/kg	None
21-10509	MD21-98-0041	0.0–0.5	ALLH	Manganese	440	mg/kg	J-
21-10509	MD21-98-0041	0.0–0.5	ALLH	Nickel	7.5	mg/kg	None
21-10509	MD21-98-0041	0.0–0.5	ALLH	Potassium	2700	mg/kg	None
21-10509	MD21-98-0041	0.0–0.5	ALLH	Selenium	1.1	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Silver	2.2	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Sodium	87	mg/kg	None
21-10509	MD21-98-0041	0.0–0.5	ALLH	Thallium	2.2	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Vanadium	21	mg/kg	None
21-10509	MD21-98-0041	0.0–0.5	ALLH	Zinc	67	mg/kg	None
21-10509	MD21-98-0041	0.0–0.5	ALLH	Mercury	0.14	mg/kg	None
21-10509	MD21-98-0041	0.0–0.5	ALLH	Ruthenium-106	0.57	pCi/g	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Americium-241	0.4	pCi/g	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Cobalt-60	0.007	pCi/g	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Cesium-134	-0.003	pCi/g	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-10509	MD21-98-0041	0.0–0.5	ALLH	Cesium-137	0.96	pCi/g	None
21-10509	MD21-98-0041	0.0–0.5	ALLH	Europium-152	-0.32	pCi/g	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Sodium-22	-0.05	pCi/g	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Tritium	0.23	pCi/g	None
21-10509	MD21-98-0041	0.0–0.5	ALLH	Thorium-228	1.41	pCi/g	None
21-10509	MD21-98-0041	0.0–0.5	ALLH	Thorium-230	1.099	pCi/g	None
21-10509	MD21-98-0041	0.0–0.5	ALLH	Thorium-232	1.45	pCi/g	None
21-10509	MD21-98-0041	0.0–0.5	ALLH	Uranium-234	1.267	pCi/g	None
21-10509	MD21-98-0041	0.0–0.5	ALLH	Uranium-235	0.071	pCi/g	None
21-10509	MD21-98-0041	0.0–0.5	ALLH	Uranium-238	1.058	pCi/g	None
21-10508	MD21-98-0042	0.0–0.5	ALLH	BHC[alpha-]	0.0018	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	BHC[beta-]	0.0018	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	BHC[delta-]	0.0018	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	BHC[gamma-]	0.0018	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Heptachlor	0.0018	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Aldrin	0.0018	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Heptachlor epoxide	0.0018	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Endosulfan I	0.0018	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Dieldrin	0.0036	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	DDE[4,4'-]	0.0036	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Endrin	0.0036	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Endosulfan II	0.0036	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	DDD[4,4'-]	0.0036	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Endosulfan sulfate	0.0036	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	DDT[4,4'-]	0.0036	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Methoxychlor[4,4'-]	0.018	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Endrin ketone	0.0036	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Endrin aldehyde	0.00036	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Chlordane[alpha-]	0.0018	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Chlordane[gamma-]	0.0018	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Toxaphene (technical grade)	0.18	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Aroclor-1016	0.036	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Aroclor-1221	0.072	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Aroclor-1232	0.036	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Aroclor-1242	0.036	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Aroclor-1248	0.036	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Aroclor-1254	0.091	mg/kg	None
21-10508	MD21-98-0042	0.0–0.5	ALLH	Aroclor-1260	0.036	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Dimethyl phthalate	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Acenaphthylene	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Nitroaniline[3-]	1.7	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Acenaphthene	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Dinitrophenol[2,4-]	1.7	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Nitrophenol[4-]	1.7	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Dibenzofuran	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Dinitrotoluene[2,4-]	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Dinitrotoluene[2,6-]	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Diethylphthalate	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Chlorophenyl-phenyl[4-] ether	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Fluorene	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Nitroaniline[4-]	0.72	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-10508	MD21-98-0042	0.0–0.5	ALLH	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Nitrosodiphenylamine[N-]	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Azobenzene	0.72	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Bromophenyl-phenylether[4-]	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Hexachlorobenzene	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Pentachlorophenol	1.7	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Phenanthrene	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Anthracene	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Di-n-butylphthalate	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Fluoranthene	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Pyrene	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Butylbenzylphthalate	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Dichlorobenzidine[3,3'-]	0.72	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Benzo(a)anthracene	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Bis(2-ethylhexyl)phthalate	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Chrysene	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Di-n-octylphthalate	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Benzo(b)fluoranthene	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Benzo(k)fluoranthene	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Benzo(a)pyrene	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Indeno(1,2,3-cd)pyrene	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Dibenz(a,h)anthracene	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Benzo(g,h,i)perylene	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Benzyl alcohol	1.4	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Nitrosodimethylamine[N-]	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Aniline	0.72	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Phenol	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Bis(2-chloroethyl)ether	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Chlorophenol[2-]	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Dichlorobenzene[1,3-]	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Dichlorobenzene[1,4-]	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Dichlorobenzene[1,2-]	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Methylphenol[2-]	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Methylphenol[4-]	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Nitroso-di-n-propylamine[N-]	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Hexachloroethane	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Nitrobenzene	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Isophorone	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Nitrophenol[2-]	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Dimethylphenol[2,4-]	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Benzoic acid	3.6	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Bis(2-chloroethoxy)methane	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Dichlorophenol[2,4-]	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Trichlorobenzene[1,2,4-]	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Naphthalene	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Chloroaniline[4-]	1.4	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Hexachlorobutadiene	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Chloro-3-methylphenol[4-]	0.72	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Methylnaphthalene[2-]	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Hexachlorocyclopentadiene	0.36	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-10508	MD21-98-0042	0.0–0.5	ALLH	Trichlorophenol[2,4,6-]	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Trichlorophenol[2,4,5-]	1.7	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Chloronaphthalene[2-]	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Nitroaniline[2-]	1.7	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Selenium	1.1	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Silver	2.2	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Sodium	92	mg/kg	None
21-10508	MD21-98-0042	0.0–0.5	ALLH	Thallium	2.2	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Vanadium	33	mg/kg	None
21-10508	MD21-98-0042	0.0–0.5	ALLH	Zinc	93	mg/kg	None
21-10508	MD21-98-0042	0.0–0.5	ALLH	Aluminum	15000	mg/kg	None
21-10508	MD21-98-0042	0.0–0.5	ALLH	Arsenic	8.3	mg/kg	None
21-10508	MD21-98-0042	0.0–0.5	ALLH	Barium	190	mg/kg	None
21-10508	MD21-98-0042	0.0–0.5	ALLH	Beryllium	0.89	mg/kg	None
21-10508	MD21-98-0042	0.0–0.5	ALLH	Cadmium	0.54	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Calcium	3500	mg/kg	None
21-10508	MD21-98-0042	0.0–0.5	ALLH	Chromium	14	mg/kg	None
21-10508	MD21-98-0042	0.0–0.5	ALLH	Cobalt	6.5	mg/kg	None
21-10508	MD21-98-0042	0.0–0.5	ALLH	Copper	10	mg/kg	None
21-10508	MD21-98-0042	0.0–0.5	ALLH	Iron	13000	mg/kg	None
21-10508	MD21-98-0042	0.0–0.5	ALLH	Lead	19	mg/kg	None
21-10508	MD21-98-0042	0.0–0.5	ALLH	Magnesium	2200	mg/kg	None
21-10508	MD21-98-0042	0.0–0.5	ALLH	Manganese	370	mg/kg	J-
21-10508	MD21-98-0042	0.0–0.5	ALLH	Nickel	7.7	mg/kg	None
21-10508	MD21-98-0042	0.0–0.5	ALLH	Potassium	2000	mg/kg	None
21-10508	MD21-98-0042	0.0–0.5	ALLH	Mercury	1.7	mg/kg	None
21-10508	MD21-98-0042	0.0–0.5	ALLH	Cobalt-60	0.012	pCi/g	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Cesium-134	0.011	pCi/g	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Cesium-137	0.214	pCi/g	None
21-10508	MD21-98-0042	0.0–0.5	ALLH	Europium-152	-0.05	pCi/g	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Sodium-22	-0.003	pCi/g	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Ruthenium-106	0.27	pCi/g	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Tritium	0.37	pCi/g	None
21-10508	MD21-98-0042	0.0–0.5	ALLH	Thorium-228	1.69	pCi/g	None
21-10508	MD21-98-0042	0.0–0.5	ALLH	Thorium-230	1.39	pCi/g	None
21-10508	MD21-98-0042	0.0–0.5	ALLH	Thorium-232	1.44	pCi/g	None
21-10508	MD21-98-0042	0.0–0.5	ALLH	Uranium-234	3.32	pCi/g	None
21-10508	MD21-98-0042	0.0–0.5	ALLH	Uranium-235	0.166	pCi/g	None
21-10508	MD21-98-0042	0.0–0.5	ALLH	Uranium-238	1.9	pCi/g	None
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Dieldrin	0.0035	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	DDE[4,4'-]	0.0035	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Endrin	0.0035	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Endosulfan II	0.0035	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	DDD[4,4'-]	0.0035	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Endosulfan sulfate	0.0035	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	DDT[4,4'-]	0.0035	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Methoxychlor[4,4'-]	0.018	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Endrin ketone	0.0035	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Endrin aldehyde	0.00035	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Chlordane[alpha-]	0.0018	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Chlordane[gamma-]	0.0018	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Toxaphene (technical grade)	0.18	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Aroclor-1016	0.035	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Aroclor-1221	0.071	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Aroclor-1232	0.035	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Aroclor-1242	0.035	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Aroclor-1248	0.035	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Aroclor-1254	0.035	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Aroclor-1260	0.035	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	BHC[alpha-]	0.0018	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	BHC[beta-]	0.0018	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	BHC[delta-]	0.0018	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	BHC[gamma-]	0.0018	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Heptachlor	0.0018	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Aldrin	0.0018	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Heptachlor epoxide	0.0018	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Endosulfan I	0.0018	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Di-n-octylphthalate	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Benzo(b)fluoranthene	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Benzo(k)fluoranthene	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Benzo(a)pyrene	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Dibenz(a,h)anthracene	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Benzo(g,h,i)perylene	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Benzyl alcohol	1.4	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Methylphenol[2-]	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Methylphenol[4-]	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Hexachloroethane	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Nitrobenzene	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Isophorone	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Nitrophenol[2-]	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Dimethylphenol[2,4-]	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Benzoic acid	3.5	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Bis(2-chloroethoxy)methane	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Dichlorophenol[2,4-]	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Trichlorobenzene[1,2,4-]	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Naphthalene	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Chloroaniline[4-]	1.4	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Hexachlorobutadiene	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Chloro-3-methylphenol[4-]	0.71	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Methylnaphthalene[2-]	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Hexachlorocyclopentadiene	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Trichlorophenol[2,4,6-]	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Trichlorophenol[2,4,5-]	1.7	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Chloronaphthalene[2-]	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Nitroaniline[2-]	1.7	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Dimethyl phthalate	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Acenaphthylene	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Nitroaniline[3-]	1.7	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Acenaphthene	0.35	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Dinitrophenol[2,4-]	1.7	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Nitrophenol[4-]	1.7	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Dibenzofuran	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Dinitrotoluene[2,4-]	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Dinitrotoluene[2,6-]	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Diethylphthalate	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Chlorophenyl-phenyl[4-] ether	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Fluorene	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Nitroaniline[4-]	0.71	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Nitrosodiphenylamine[N-]	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Azobenzene	0.71	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Bromophenyl-phenylether[4-]	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Hexachlorobenzene	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Pentachlorophenol	1.7	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Phenanthrene	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Anthracene	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Di-n-butylphthalate	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Fluoranthene	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Pyrene	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Butylbenzylphthalate	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Dichlorobenzidine[3,3'-]	0.71	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Benzo(a)anthracene	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Bis(2-ethylhexyl)phthalate	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Chrysene	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Nitrosodimethylamine[N-]	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Aniline	0.71	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Phenol	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Bis(2-chloroethyl)ether	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Chlorophenol[2-]	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Dichlorobenzene[1,3-]	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Dichlorobenzene[1,4-]	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Dichlorobenzene[1,2-]	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Aluminum	15000	mg/kg	None
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Arsenic	5.6	mg/kg	None
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Barium	62	mg/kg	None
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Beryllium	0.87	mg/kg	None
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Cadmium	0.54	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Calcium	1600	mg/kg	None
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Chromium	8.5	mg/kg	None
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Cobalt	2.9	mg/kg	None
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Copper	6.5	mg/kg	None
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Iron	11000	mg/kg	None
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Lead	8.8	mg/kg	None
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Magnesium	1700	mg/kg	None
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Manganese	130	mg/kg	J-
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Nickel	4.7	mg/kg	None
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Potassium	1300	mg/kg	None
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Selenium	1.1	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Silver	2.2	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Sodium	91	mg/kg	None

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Thallium	2.2	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Vanadium	19	mg/kg	None
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Zinc	150	mg/kg	None
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Mercury	0.11	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Americium-241	0.19	pCi/g	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Cobalt-60	0.06	pCi/g	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Cesium-137	0.014	pCi/g	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Europium-152	0	pCi/g	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Sodium-22	-0.02	pCi/g	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Ruthenium-106	-0.18	pCi/g	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Tritium	0.23	pCi/g	None
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Thorium-228	1.75	pCi/g	None
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Thorium-230	1.085	pCi/g	None
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Thorium-232	1.48	pCi/g	None
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Uranium-234	0.961	pCi/g	None
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Uranium-235	0.051	pCi/g	None
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Uranium-238	0.866	pCi/g	None
21-10506	MD21-98-0044	0.0–0.5	Qbt3	BHC[alpha-]	0.0017	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	BHC[beta-]	0.0017	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	BHC[delta-]	0.0017	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	BHC[gamma-]	0.0017	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Heptachlor	0.0017	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Aldrin	0.0017	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Heptachlor epoxide	0.0017	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Endosulfan I	0.0017	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Dieldrin	0.0034	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	DDE[4,4'-]	0.0034	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Endrin	0.0034	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Endosulfan II	0.0034	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	DDD[4,4'-]	0.0034	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Endosulfan sulfate	0.0034	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	DDT[4,4'-]	0.0034	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Methoxychlor[4,4'-]	0.017	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Endrin ketone	0.0034	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Endrin aldehyde	0.00034	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Chlordane[alpha-]	0.0017	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Chlordane[gamma-]	0.0017	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Toxaphene (technical grade)	0.17	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Aroclor-1016	0.034	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Aroclor-1221	0.068	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Aroclor-1232	0.034	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Aroclor-1242	0.034	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Aroclor-1248	0.034	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Aroclor-1254	0.034	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Aroclor-1260	0.034	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Dinitrotoluene[2,4-]	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Dinitrotoluene[2,6-]	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Diethylphthalate	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Chlorophenyl-phenyl[4-] ether	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Fluorene	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Nitroaniline[4-]	0.68	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Nitrosodiphenylamine[N-]	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Azobenzene	0.68	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Bromophenyl-phenylether[4-]	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Hexachlorobenzene	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Pentachlorophenol	1.7	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Phenanthrene	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Anthracene	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Di-n-butylphthalate	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Fluoranthene	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Pyrene	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Butylbenzylphthalate	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Dichlorobenzidine[3,3'-]	0.68	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Benzo(a)anthracene	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Bis(2-ethylhexyl)phthalate	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Chrysene	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Di-n-octylphthalate	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Benzo(b)fluoranthene	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Benzo(k)fluoranthene	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Benzo(a)pyrene	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Indeno(1,2,3-cd)pyrene	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Dibenz(a,h)anthracene	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Benzo(g,h,i)perylene	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Benzyl alcohol	1.3	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Oxybis(1-chloropropane)[2,2'-]	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Nitrosodimethylamine[N-]	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Aniline	0.68	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Phenol	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Bis(2-chloroethyl)ether	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Chlorophenol[2-]	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Dichlorobenzene[1,3-]	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Dichlorobenzene[1,4-]	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Dichlorobenzene[1,2-]	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Methylphenol[2-]	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Methylphenol[4-]	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Nitroso-di-n-propylamine[N-]	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Hexachloroethane	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Nitrobenzene	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Isophorone	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Nitrophenol[2-]	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Dimethylphenol[2,4-]	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Benzoic acid	3.4	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Bis(2-chloroethoxy)methane	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Dichlorophenol[2,4-]	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Trichlorobenzene[1,2,4-]	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Naphthalene	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Chloroaniline[4-]	1.3	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Hexachlorobutadiene	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Chloro-3-methylphenol[4-]	0.68	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Methylnaphthalene[2-]	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Hexachlorocyclopentadiene	0.34	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Trichlorophenol[2,4,6-]	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Trichlorophenol[2,4,5-]	1.7	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Chloronaphthalene[2-]	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Nitroaniline[2-]	1.7	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Dimethyl phthalate	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Acenaphthylene	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Nitroaniline[3-]	1.7	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Acenaphthene	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Dinitrophenol[2,4-]	1.7	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Nitrophenol[4-]	1.7	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Dibenzofuran	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Aluminum	2000	mg/kg	None
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Arsenic	2.7	mg/kg	None
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Barium	14	mg/kg	None
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Beryllium	0.52	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Cadmium	0.52	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Calcium	560	mg/kg	None
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Chromium	1.6	mg/kg	None
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Cobalt	1	mg/kg	None
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Copper	1.1	mg/kg	None
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Iron	3800	mg/kg	None
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Lead	4.2	mg/kg	None
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Magnesium	320	mg/kg	None
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Manganese	160	mg/kg	J-
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Nickel	2.1	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Potassium	280	mg/kg	None
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Selenium	1	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Silver	2.1	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Sodium	66	mg/kg	None
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Thallium	2.1	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Vanadium	3.3	mg/kg	None
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Zinc	18	mg/kg	None
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Mercury	0.1	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Americium-241	0.09	pCi/g	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Cobalt-60	0.03	pCi/g	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Cesium-134	-0.002	pCi/g	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Cesium-137	-0.03	pCi/g	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Europium-152	0.02	pCi/g	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Sodium-22	0.02	pCi/g	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Ruthenium-106	0.32	pCi/g	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Tritium	0.07	pCi/g	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Thorium-230	0.0764	pCi/g	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Thorium-232	1.325	pCi/g	None
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Thorium-228	1.247	pCi/g	None
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Uranium-234	0.662	pCi/g	None
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Uranium-235	0.0258	pCi/g	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Uranium-238	0.608	pCi/g	None
21-10504	MD21-98-0045	0.0–0.5	Qbt3	BHC[alpha-]	0.0018	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	BHC[beta-]	0.0018	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	BHC[delta-]	0.0018	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	BHC[gamma-]	0.0018	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Heptachlor	0.0018	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Aldrin	0.0018	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Heptachlor epoxide	0.0018	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Endosulfan I	0.0018	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Dieldrin	0.0036	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	DDE[4,4'-]	0.0036	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Endrin	0.0036	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Endosulfan II	0.0036	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	DDD[4,4'-]	0.0036	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Endosulfan sulfate	0.0036	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	DDT[4,4'-]	0.0036	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Methoxychlor[4,4'-]	0.018	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Endrin ketone	0.0036	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Endrin aldehyde	0.00036	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Chlordane[alpha-]	0.0018	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Chlordane[gamma-]	0.0018	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Toxaphene (technical grade)	0.18	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Aroclor-1016	0.036	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Aroclor-1221	0.073	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Aroclor-1232	0.036	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Aroclor-1242	0.036	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Aroclor-1248	0.036	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Aroclor-1254	0.036	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Aroclor-1260	0.036	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Benzyl alcohol	1.4	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Oxybis(1-chloropropane)[2,2'-]	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Dimethylphenol[2,4-]	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Benzoic acid	3.6	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Bis(2-chloroethoxy)methane	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Dichlorophenol[2,4-]	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Trichlorobenzene[1,2,4-]	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Naphthalene	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Chloroaniline[4-]	1.4	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Hexachlorobutadiene	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Chloro-3-methylphenol[4-]	0.73	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Methylnaphthalene[2-]	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Hexachlorocyclopentadiene	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Trichlorophenol[2,4,6-]	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Trichlorophenol[2,4,5-]	1.8	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Chloronaphthalene[2-]	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Nitroaniline[2-]	1.8	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Dimethyl phthalate	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Acenaphthylene	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Nitroaniline[3-]	1.8	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Acenaphthene	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Dinitrophenol[2,4-]	1.8	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Nitrophenol[4-]	1.8	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Dibenzofuran	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Dinitrotoluene[2,4-]	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Dinitrotoluene[2,6-]	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Diethylphthalate	0.36	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Chlorophenyl-phenyl[4-] ether	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Fluorene	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Nitroaniline[4-]	0.73	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Dinitro-2-methylphenol[4,6-]	1.8	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Nitrosodiphenylamine[N-]	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Azobenzene	0.73	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Bromophenyl-phenylether[4-]	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Hexachlorobenzene	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Pentachlorophenol	1.8	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Phenanthrene	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Anthracene	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Di-n-butylphthalate	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Fluoranthene	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Pyrene	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Butylbenzylphthalate	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Dichlorobenzidine[3,3'-]	0.73	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Benzo(a)anthracene	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Bis(2-ethylhexyl)phthalate	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Chrysene	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Di-n-octylphthalate	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Benzo(b)fluoranthene	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Benzo(k)fluoranthene	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Benzo(a)pyrene	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Indeno(1,2,3-cd)pyrene	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Dibenz(a,h)anthracene	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Benzo(g,h,i)perylene	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Nitrosodimethylamine[N-]	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Aniline	0.73	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Phenol	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Bis(2-chloroethyl)ether	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Chlorophenol[2-]	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Dichlorobenzene[1,3-]	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Dichlorobenzene[1,4-]	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Dichlorobenzene[1,2-]	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Methylphenol[2-]	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Methylphenol[4-]	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Nitroso-di-n-propylamine[N-]	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Hexachloroethane	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Nitrobenzene	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Isophorone	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Nitrophenol[2-]	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Calcium	1600	mg/kg	None
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Chromium	8.1	mg/kg	None
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Cobalt	3.3	mg/kg	None
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Copper	5.3	mg/kg	None
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Iron	11000	mg/kg	None
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Lead	8.3	mg/kg	None
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Magnesium	1700	mg/kg	None
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Manganese	130	mg/kg	J-
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Nickel	4.6	mg/kg	None
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Potassium	1300	mg/kg	None

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Selenium	1.1	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Silver	2.2	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Sodium	80	mg/kg	None
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Thallium	2.2	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Vanadium	20	mg/kg	None
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Zinc	77	mg/kg	None
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Aluminum	14000	mg/kg	None
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Arsenic	5.6	mg/kg	None
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Barium	54	mg/kg	None
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Beryllium	0.72	mg/kg	None
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Cadmium	0.55	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Mercury	0.13	mg/kg	None
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Cesium-134	0.023	pCi/g	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Cesium-137	0.039	pCi/g	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Europium-152	-0.05	pCi/g	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Sodium-22	-0.014	pCi/g	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Ruthenium-106	0.39	pCi/g	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Americium-241	-0.25	pCi/g	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Tritium	0.53	pCi/g	None
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Thorium-228	1.54	pCi/g	None
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Thorium-230	0.951	pCi/g	None
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Thorium-232	1.47	pCi/g	None
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Uranium-234	0.8	pCi/g	None
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Uranium-235	0.0315	pCi/g	None
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Uranium-238	0.69	pCi/g	None
21-10505	MD21-98-0046	0.0–0.5	ALLH	Toxaphene (technical grade)	0.18	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Aroclor-1016	0.037	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Aroclor-1221	0.073	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Aroclor-1232	0.037	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Aroclor-1242	0.037	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Aroclor-1248	0.037	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Aroclor-1254	0.037	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Aroclor-1260	0.037	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	BHC[alpha-]	0.0018	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	BHC[beta-]	0.0018	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	BHC[delta-]	0.0018	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	BHC[gamma-]	0.0018	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Heptachlor	0.0018	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Aldrin	0.0018	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Heptachlor epoxide	0.0018	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Endosulfan I	0.0018	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Dieldrin	0.0037	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	DDE[4,4'-]	0.0037	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Endrin	0.0037	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Endosulfan II	0.0037	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	DDD[4,4'-]	0.0037	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Endosulfan sulfate	0.0037	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	DDT[4,4'-]	0.0037	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Methoxychlor[4,4'-]	0.018	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Endrin ketone	0.0037	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Endrin aldehyde	0.00037	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-10505	MD21-98-0046	0.0–0.5	ALLH	Chlordane[alpha-]	0.0018	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Chlordane[gamma-]	0.0018	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Nitrosodiphenylamine[N-]	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Azobenzene	0.73	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Bromophenyl-phenylether[4-]	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Hexachlorobenzene	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Pentachlorophenol	1.8	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Phenanthrene	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Anthracene	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Di-n-butylphthalate	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Fluoranthene	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Pyrene	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Butylbenzylphthalate	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Dichlorobenzidine[3,3'-]	0.73	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Benzo(a)anthracene	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Bis(2-ethylhexyl)phthalate	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Chrysene	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Di-n-octylphthalate	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Benzo(b)fluoranthene	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Benzo(k)fluoranthene	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Benzo(a)pyrene	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Indeno(1,2,3-cd)pyrene	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Dibenz(a,h)anthracene	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Benzo(g,h,i)perylene	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Benzyl alcohol	1.4	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Nitrosodimethylamine[N-]	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Aniline	0.73	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Phenol	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Bis(2-chloroethyl)ether	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Chlorophenol[2-]	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Dichlorobenzene[1,3-]	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Dichlorobenzene[1,4-]	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Dichlorobenzene[1,2-]	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Methylphenol[2-]	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Methylphenol[4-]	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Nitroso-di-n-propylamine[N-]	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Hexachloroethane	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Nitrobenzene	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Isophorone	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Nitrophenol[2-]	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Dimethylphenol[2,4-]	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Benzoic acid	3.7	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Bis(2-chloroethoxy)methane	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Dichlorophenol[2,4-]	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Trichlorobenzene[1,2,4-]	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Naphthalene	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Chloroaniline[4-]	1.4	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Hexachlorobutadiene	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Chloro-3-methylphenol[4-]	0.73	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Methylnaphthalene[2-]	0.37	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-10505	MD21-98-0046	0.0–0.5	ALLH	Hexachlorocyclopentadiene	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Trichlorophenol[2,4,6-]	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Trichlorophenol[2,4,5-]	1.8	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Chloronaphthalene[2-]	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Nitroaniline[2-]	1.8	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Dimethyl phthalate	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Acenaphthylene	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Nitroaniline[3-]	1.8	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Acenaphthene	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Dinitrophenol[2,4-]	1.8	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Nitrophenol[4-]	1.8	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Dibenzofuran	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Dinitrotoluene[2,4-]	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Dinitrotoluene[2,6-]	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Diethylphthalate	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Chlorophenyl-phenyl[4-] ether	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Fluorene	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Nitroaniline[4-]	0.73	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Dinitro-2-methylphenol[4,6-]	1.8	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Aluminum	17000	mg/kg	None
21-10505	MD21-98-0046	0.0–0.5	ALLH	Arsenic	5.1	mg/kg	None
21-10505	MD21-98-0046	0.0–0.5	ALLH	Barium	150	mg/kg	None
21-10505	MD21-98-0046	0.0–0.5	ALLH	Beryllium	0.96	mg/kg	None
21-10505	MD21-98-0046	0.0–0.5	ALLH	Cadmium	0.56	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Calcium	3200	mg/kg	None
21-10505	MD21-98-0046	0.0–0.5	ALLH	Chromium	12	mg/kg	None
21-10505	MD21-98-0046	0.0–0.5	ALLH	Cobalt	6.8	mg/kg	None
21-10505	MD21-98-0046	0.0–0.5	ALLH	Copper	10	mg/kg	None
21-10505	MD21-98-0046	0.0–0.5	ALLH	Iron	14000	mg/kg	None
21-10505	MD21-98-0046	0.0–0.5	ALLH	Lead	21	mg/kg	None
21-10505	MD21-98-0046	0.0–0.5	ALLH	Magnesium	2500	mg/kg	None
21-10505	MD21-98-0046	0.0–0.5	ALLH	Manganese	430	mg/kg	J-
21-10505	MD21-98-0046	0.0–0.5	ALLH	Nickel	8	mg/kg	None
21-10505	MD21-98-0046	0.0–0.5	ALLH	Potassium	2500	mg/kg	None
21-10505	MD21-98-0046	0.0–0.5	ALLH	Selenium	1.1	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Silver	2.2	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Sodium	81	mg/kg	None
21-10505	MD21-98-0046	0.0–0.5	ALLH	Thallium	2.2	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Vanadium	24	mg/kg	None
21-10505	MD21-98-0046	0.0–0.5	ALLH	Zinc	60	mg/kg	None
21-10505	MD21-98-0046	0.0–0.5	ALLH	Mercury	0.16	mg/kg	None
21-10505	MD21-98-0046	0.0–0.5	ALLH	Cobalt-60	0.035	pCi/g	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Cesium-134	-0.056	pCi/g	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Cesium-137	1.03	pCi/g	None
21-10505	MD21-98-0046	0.0–0.5	ALLH	Europium-152	-0.04	pCi/g	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Sodium-22	0.014	pCi/g	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Ruthenium-106	0.02	pCi/g	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Americium-241	0.13	pCi/g	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Tritium	0.25	pCi/g	None
21-10505	MD21-98-0046	0.0–0.5	ALLH	Thorium-228	1.67	pCi/g	None
21-10505	MD21-98-0046	0.0–0.5	ALLH	Thorium-230	1.4	pCi/g	None

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-10505	MD21-98-0046	0.0–0.5	ALLH	Thorium-232	1.64	pCi/g	None
21-10505	MD21-98-0046	0.0–0.5	ALLH	Uranium-234	1.62	pCi/g	None
21-10505	MD21-98-0046	0.0–0.5	ALLH	Uranium-235	0.086	pCi/g	None
21-10505	MD21-98-0046	0.0–0.5	ALLH	Uranium-238	1.51	pCi/g	None
21-10503	MD21-98-0047	0.0–0.5	ALLH	BHC[alpha-]	0.0019	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	BHC[beta-]	0.0019	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	BHC[delta-]	0.0019	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	BHC[gamma-]	0.0019	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Heptachlor	0.0019	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Aldrin	0.0019	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Heptachlor epoxide	0.0019	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Endosulfan I	0.0019	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Dieldrin	0.0038	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	DDE[4,4'-]	0.0038	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Endrin	0.0038	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Endosulfan II	0.0038	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	DDD[4,4'-]	0.0038	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Endosulfan sulfate	0.0038	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	DDT[4,4'-]	0.0038	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Methoxychlor[4,4'-]	0.019	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Endrin ketone	0.0038	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Endrin aldehyde	0.00038	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Chlordane[alpha-]	0.0019	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Chlordane[gamma-]	0.0019	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Toxaphene (technical grade)	0.19	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Aroclor-1016	0.038	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Aroclor-1221	0.075	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Aroclor-1232	0.038	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Aroclor-1242	0.038	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Aroclor-1248	0.038	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Aroclor-1254	0.038	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Aroclor-1260	0.038	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Hexachlorobutadiene	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Chloro-3-methylphenol[4-]	0.75	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Methylnaphthalene[2-]	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Hexachlorocyclopentadiene	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Trichlorophenol[2,4,6-]	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Trichlorophenol[2,4,5-]	1.8	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Chloronaphthalene[2-]	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Nitroaniline[2-]	1.8	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Dimethyl phthalate	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Acenaphthylene	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Nitroaniline[3-]	1.8	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Acenaphthene	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Dinitrophenol[2,4-]	1.8	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Nitrophenol[4-]	1.8	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Dibenzofuran	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Dinitrotoluene[2,4-]	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Dinitrotoluene[2,6-]	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Diethylphthalate	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Chlorophenyl-phenyl[4-] ether	0.38	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-10503	MD21-98-0047	0.0–0.5	ALLH	Fluorene	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Nitroaniline[4-]	0.75	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Dinitro-2-methylphenol[4,6-]	1.8	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Nitrosodiphenylamine[N-]	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Azobenzene	0.75	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Bromophenyl-phenylether[4-]	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Hexachlorobenzene	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Pentachlorophenol	1.8	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Phenanthrene	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Anthracene	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Di-n-butylphthalate	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Fluoranthene	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Pyrene	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Butylbenzylphthalate	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Dichlorobenzidine[3,3'-]	0.75	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Benzo(a)anthracene	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Bis(2-ethylhexyl)phthalate	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Chrysene	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Di-n-octylphthalate	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Benzo(b)fluoranthene	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Benzo(k)fluoranthene	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Benzo(a)pyrene	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Indeno(1,2,3-cd)pyrene	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Dibenz(a,h)anthracene	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Benzo(g,h,i)perylene	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Benzyl alcohol	1.5	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Nitrosodimethylamine[N-]	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Aniline	0.75	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Phenol	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Bis(2-chloroethyl)ether	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Chlorophenol[2-]	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Dichlorobenzene[1,3-]	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Dichlorobenzene[1,4-]	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Dichlorobenzene[1,2-]	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Methylphenol[2-]	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Methylphenol[4-]	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Nitroso-di-n-propylamine[N-]	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Hexachloroethane	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Nitrobenzene	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Isophorone	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Nitrophenol[2-]	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Dimethylphenol[2,4-]	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Benzoic acid	3.8	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Bis(2-chloroethoxy)methane	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Dichlorophenol[2,4-]	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Trichlorobenzene[1,2,4-]	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Naphthalene	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Chloroaniline[4-]	1.5	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Sodium	440	mg/kg	None
21-10503	MD21-98-0047	0.0–0.5	ALLH	Thallium	2.3	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-10503	MD21-98-0047	0.0–0.5	ALLH	Vanadium	29	mg/kg	None
21-10503	MD21-98-0047	0.0–0.5	ALLH	Zinc	53	mg/kg	None
21-10503	MD21-98-0047	0.0–0.5	ALLH	Aluminum	28000	mg/kg	None
21-10503	MD21-98-0047	0.0–0.5	ALLH	Arsenic	6.5	mg/kg	None
21-10503	MD21-98-0047	0.0–0.5	ALLH	Barium	110	mg/kg	None
21-10503	MD21-98-0047	0.0–0.5	ALLH	Beryllium	1.8	mg/kg	None
21-10503	MD21-98-0047	0.0–0.5	ALLH	Cadmium	0.57	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Calcium	3500	mg/kg	None
21-10503	MD21-98-0047	0.0–0.5	ALLH	Chromium	16	mg/kg	None
21-10503	MD21-98-0047	0.0–0.5	ALLH	Cobalt	5.9	mg/kg	None
21-10503	MD21-98-0047	0.0–0.5	ALLH	Copper	8.8	mg/kg	None
21-10503	MD21-98-0047	0.0–0.5	ALLH	Iron	19000	mg/kg	None
21-10503	MD21-98-0047	0.0–0.5	ALLH	Lead	13	mg/kg	None
21-10503	MD21-98-0047	0.0–0.5	ALLH	Magnesium	3700	mg/kg	None
21-10503	MD21-98-0047	0.0–0.5	ALLH	Manganese	180	mg/kg	J-
21-10503	MD21-98-0047	0.0–0.5	ALLH	Nickel	9.9	mg/kg	None
21-10503	MD21-98-0047	0.0–0.5	ALLH	Potassium	3100	mg/kg	None
21-10503	MD21-98-0047	0.0–0.5	ALLH	Selenium	1.1	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Silver	2.3	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Mercury	0.11	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Cesium-134	0.013	pCi/g	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Cesium-137	-0.017	pCi/g	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Europium-152	0.09	pCi/g	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Sodium-22	0.011	pCi/g	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Ruthenium-106	-0.51	pCi/g	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Americium-241	0.01	pCi/g	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Cobalt-60	-0.035	pCi/g	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Tritium	1.03	pCi/g	None
21-10503	MD21-98-0047	0.0–0.5	ALLH	Thorium-228	1.83	pCi/g	None
21-10503	MD21-98-0047	0.0–0.5	ALLH	Thorium-230	1.239	pCi/g	None
21-10503	MD21-98-0047	0.0–0.5	ALLH	Thorium-232	1.9	pCi/g	None
21-10503	MD21-98-0047	0.0–0.5	ALLH	Uranium-234	0.917	pCi/g	None
21-10503	MD21-98-0047	0.0–0.5	ALLH	Uranium-235	0.073	pCi/g	None
21-10503	MD21-98-0047	0.0–0.5	ALLH	Uranium-238	0.901	pCi/g	None
21-10502	MD21-98-0048	0.0–0.5	ALLH	Endosulfan II	0.0036	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	DDD[4,4'-]	0.0036	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Endosulfan sulfate	0.0036	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	DDT[4,4'-]	0.0036	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Methoxychlor[4,4'-]	0.018	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Endrin ketone	0.0036	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Endrin aldehyde	0.00036	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Chlordane[alpha-]	0.0018	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Chlordane[gamma-]	0.0018	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Toxaphene (technical grade)	0.18	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Aroclor-1016	0.036	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Aroclor-1221	0.072	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Aroclor-1232	0.036	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Aroclor-1242	0.036	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Aroclor-1248	0.036	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Aroclor-1254	0.036	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Aroclor-1260	0.036	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-10502	MD21-98-0048	0.0–0.5	ALLH	BHC[alpha-]	0.0018	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	BHC[beta-]	0.0018	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	BHC[delta-]	0.0018	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	BHC[gamma-]	0.0018	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Heptachlor	0.0018	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Aldrin	0.0018	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Heptachlor epoxide	0.0018	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Endosulfan I	0.0018	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Dieldrin	0.0036	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	DDE[4,4'-]	0.0036	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Endrin	0.0036	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Di-n-butylphthalate	0.36	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Fluoranthene	0.57	mg/kg	None
21-10502	MD21-98-0048	0.0–0.5	ALLH	Pyrene	0.52	mg/kg	None
21-10502	MD21-98-0048	0.0–0.5	ALLH	Butylbenzylphthalate	0.36	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Dichlorobenzidine[3,3'-]	0.72	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Benzo(a)anthracene	0.36	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Bis(2-ethylhexyl)phthalate	0.36	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Chrysene	0.36	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Di-n-octylphthalate	0.36	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Benzo(b)fluoranthene	0.36	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Benzo(k)fluoranthene	0.36	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Benzo(a)pyrene	0.36	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Indeno(1,2,3-cd)pyrene	0.36	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Dibenz(a,h)anthracene	0.36	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Benzo(g,h,i)perylene	0.36	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Benzyl alcohol	1.4	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.36	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Nitrosodimethylamine[N-]	0.36	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Aniline	0.72	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Phenol	0.36	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Bis(2-chloroethyl)ether	0.36	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Chlorophenol[2-]	0.36	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Dichlorobenzene[1,3-]	0.36	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Dichlorobenzene[1,4-]	0.36	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Dichlorobenzene[1,2-]	0.36	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Methylphenol[2-]	0.36	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Methylphenol[4-]	0.36	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Nitroso-di-n-propylamine[N-]	0.36	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Hexachloroethane	0.36	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Nitrobenzene	0.36	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Isophorone	0.36	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Nitrophenol[2-]	0.36	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Dimethylphenol[2,4-]	0.36	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Benzoic acid	3.6	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Bis(2-chloroethoxy)methane	0.36	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Dichlorophenol[2,4-]	0.36	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Trichlorobenzene[1,2,4-]	0.36	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Naphthalene	0.36	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Chloroaniline[4-]	1.4	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Hexachlorobutadiene	0.36	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-10502	MD21-98-0048	0.0–0.5	ALLH	Chloro-3-methylphenol[4-]	0.72	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Methylnaphthalene[2-]	0.36	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Hexachlorocyclopentadiene	0.36	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Trichlorophenol[2,4,6-]	0.36	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Trichlorophenol[2,4,5-]	1.7	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Chloronaphthalene[2-]	0.36	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Nitroaniline[2-]	1.7	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Dimethyl phthalate	0.36	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Acenaphthylene	0.36	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Nitroaniline[3-]	1.7	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Acenaphthene	0.36	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Dinitrophenol[2,4-]	1.7	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Nitrophenol[4-]	1.7	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Dibenzofuran	0.36	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Dinitrotoluene[2,4-]	0.36	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Dinitrotoluene[2,6-]	0.36	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Diethylphthalate	0.36	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Chlorophenyl-phenyl[4-] ether	0.36	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Fluorene	0.36	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Nitroaniline[4-]	0.72	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Nitrosodiphenylamine[N-]	0.36	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Azobenzene	0.72	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Bromophenyl-phenylether[4-]	0.36	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Hexachlorobenzene	0.36	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Pentachlorophenol	1.7	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Phenanthrene	0.66	mg/kg	None
21-10502	MD21-98-0048	0.0–0.5	ALLH	Anthracene	0.36	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Aluminum	13000	mg/kg	None
21-10502	MD21-98-0048	0.0–0.5	ALLH	Arsenic	4.3	mg/kg	None
21-10502	MD21-98-0048	0.0–0.5	ALLH	Barium	120	mg/kg	None
21-10502	MD21-98-0048	0.0–0.5	ALLH	Beryllium	0.75	mg/kg	None
21-10502	MD21-98-0048	0.0–0.5	ALLH	Cadmium	0.56	mg/kg	None
21-10502	MD21-98-0048	0.0–0.5	ALLH	Calcium	4900	mg/kg	None
21-10502	MD21-98-0048	0.0–0.5	ALLH	Chromium	9.2	mg/kg	None
21-10502	MD21-98-0048	0.0–0.5	ALLH	Cobalt	5	mg/kg	None
21-10502	MD21-98-0048	0.0–0.5	ALLH	Copper	9.1	mg/kg	None
21-10502	MD21-98-0048	0.0–0.5	ALLH	Iron	10000	mg/kg	None
21-10502	MD21-98-0048	0.0–0.5	ALLH	Lead	17	mg/kg	None
21-10502	MD21-98-0048	0.0–0.5	ALLH	Magnesium	2000	mg/kg	None
21-10502	MD21-98-0048	0.0–0.5	ALLH	Manganese	360	mg/kg	J-
21-10502	MD21-98-0048	0.0–0.5	ALLH	Nickel	6.3	mg/kg	None
21-10502	MD21-98-0048	0.0–0.5	ALLH	Potassium	1900	mg/kg	None
21-10502	MD21-98-0048	0.0–0.5	ALLH	Selenium	1.1	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Silver	2.2	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Sodium	68	mg/kg	None
21-10502	MD21-98-0048	0.0–0.5	ALLH	Thallium	2.2	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Vanadium	18	mg/kg	None
21-10502	MD21-98-0048	0.0–0.5	ALLH	Zinc	57	mg/kg	None
21-10502	MD21-98-0048	0.0–0.5	ALLH	Mercury	0.13	mg/kg	None
21-10502	MD21-98-0048	0.0–0.5	ALLH	Sodium-22	0.1	pCi/g	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-10502	MD21-98-0048	0.0–0.5	ALLH	Ruthenium-106	-0.25	pCi/g	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Americium-241	0.35	pCi/g	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Cobalt-60	-0.02	pCi/g	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Cesium-134	0.016	pCi/g	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Cesium-137	0.91	pCi/g	None
21-10502	MD21-98-0048	0.0–0.5	ALLH	Europium-152	-0.02	pCi/g	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Tritium	0.18	pCi/g	None
21-10502	MD21-98-0048	0.0–0.5	ALLH	Thorium-228	1.295	pCi/g	None
21-10502	MD21-98-0048	0.0–0.5	ALLH	Thorium-230	1.164	pCi/g	None
21-10502	MD21-98-0048	0.0–0.5	ALLH	Thorium-232	1.203	pCi/g	None
21-10502	MD21-98-0048	0.0–0.5	ALLH	Uranium-234	1.272	pCi/g	None
21-10502	MD21-98-0048	0.0–0.5	ALLH	Uranium-235	0.051	pCi/g	None
21-10502	MD21-98-0048	0.0–0.5	ALLH	Uranium-238	1.242	pCi/g	None
21-10501	MD21-98-0049	0.0–0.5	Qbt3	BHC[alpha-]	0.0017	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	BHC[beta-]	0.0017	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	BHC[delta-]	0.0017	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	BHC[gamma-]	0.0017	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Heptachlor	0.0017	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Aldrin	0.0017	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Heptachlor epoxide	0.0017	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Endosulfan I	0.0017	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Dieldrin	0.0034	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	DDE[4,4'-]	0.0034	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Endrin	0.0034	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Endosulfan II	0.0034	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	DDD[4,4'-]	0.0034	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Endosulfan sulfate	0.0034	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	DDT[4,4'-]	0.0034	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Methoxychlor[4,4'-]	0.017	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Endrin ketone	0.0034	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Endrin aldehyde	0.00034	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Chlordane[alpha-]	0.0017	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Chlordane[gamma-]	0.0017	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Toxaphene (technical grade)	0.17	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Aroclor-1016	0.034	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Aroclor-1221	0.067	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Aroclor-1232	0.034	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Aroclor-1242	0.034	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Aroclor-1248	0.034	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Aroclor-1254	0.034	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Aroclor-1260	0.034	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Nitroaniline[2-]	1.6	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Dimethyl phthalate	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Acenaphthylene	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Nitroaniline[3-]	1.6	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Acenaphthene	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Dinitrophenol[2,4-]	1.6	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Nitrophenol[4-]	1.6	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Dibenzofuran	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Dinitrotoluene[2,4-]	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Dinitrotoluene[2,6-]	0.34	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Diethylphthalate	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Chlorophenyl-phenyl[4-] ether	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Fluorene	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Nitroaniline[4-]	0.67	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Dinitro-2-methylphenol[4,6-]	1.6	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Nitrosodiphenylamine[N-]	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Azobenzene	0.67	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Bromophenyl-phenylether[4-]	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Hexachlorobenzene	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Pentachlorophenol	1.6	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Phenanthrene	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Anthracene	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Di-n-butylphthalate	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Fluoranthene	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Pyrene	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Butylbenzylphthalate	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Dichlorobenzidine[3,3'-]	0.67	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Benzo(a)anthracene	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Bis(2-ethylhexyl)phthalate	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Chrysene	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Di-n-octylphthalate	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Benzo(b)fluoranthene	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Benzo(k)fluoranthene	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Benzo(a)pyrene	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Indeno(1,2,3-cd)pyrene	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Dibenz(a,h)anthracene	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Benzo(g,h,i)perylene	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Benzyl alcohol	1.3	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Oxybis(1-chloropropane)[2,2'-]	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Nitrosodimethylamine[N-]	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Aniline	0.67	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Phenol	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Bis(2-chloroethyl)ether	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Chlorophenol[2-]	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Dichlorobenzene[1,3-]	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Dichlorobenzene[1,4-]	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Dichlorobenzene[1,2-]	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Methylphenol[2-]	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Methylphenol[4-]	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Nitroso-di-n-propylamine[N-]	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Hexachloroethane	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Nitrobenzene	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Isophorone	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Nitrophenol[2-]	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Dimethylphenol[2,4-]	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Benzoic acid	3.4	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Bis(2-chloroethoxy)methane	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Dichlorophenol[2,4-]	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Trichlorobenzene[1,2,4-]	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Naphthalene	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Chloroaniline[4-]	1.3	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Hexachlorobutadiene	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Chloro-3-methylphenol[4-]	0.67	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Methylnaphthalene[2-]	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Hexachlorocyclopentadiene	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Trichlorophenol[2,4,6-]	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Trichlorophenol[2,4,5-]	1.6	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Chloronaphthalene[2-]	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Aluminum	3600	mg/kg	None
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Arsenic	2.7	mg/kg	None
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Barium	15	mg/kg	None
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Beryllium	0.59	mg/kg	None
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Cadmium	0.51	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Calcium	730	mg/kg	None
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Chromium	2.4	mg/kg	None
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Cobalt	1.4	mg/kg	None
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Copper	1.8	mg/kg	None
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Iron	4800	mg/kg	None
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Lead	4.9	mg/kg	None
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Magnesium	710	mg/kg	None
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Manganese	130	mg/kg	J-
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Nickel	2.6	mg/kg	None
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Potassium	570	mg/kg	None
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Selenium	1	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Silver	2	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Sodium	76	mg/kg	None
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Thallium	2	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Vanadium	5.9	mg/kg	None
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Zinc	31	mg/kg	None
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Mercury	0.12	mg/kg	None
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Ruthenium-106	0.49	pCi/g	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Americium-241	-0.05	pCi/g	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Cobalt-60	0.018	pCi/g	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Cesium-134	0.049	pCi/g	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Cesium-137	0.034	pCi/g	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Europium-152	0.03	pCi/g	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Sodium-22	-0.034	pCi/g	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Tritium	0.07	pCi/g	None
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Thorium-228	1.31	pCi/g	None
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Thorium-230	0.828	pCi/g	None
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Thorium-232	1.4	pCi/g	None
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Uranium-234	0.817	pCi/g	None
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Uranium-235	0.028	pCi/g	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Uranium-238	0.806	pCi/g	None
21-11191	MD21-01-0001	0.5–1.17	FILL	DDD[4,4'-]	0.002	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	DDE[4,4'-]	0.002	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	DDT[4,4'-]	0.002	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Aldrin	0.002	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	BHC[alpha-]	0.002	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Chlordane[alpha-]	0.002	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	BHC[beta-]	0.002	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	BHC[delta-]	0.002	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11191	MD21-01-0001	0.5–1.17	FILL	Dieldrin	0.002	mg/kg	UJ
21-11191	MD21-01-0001	0.5–1.17	FILL	Endosulfan I	0.002	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Endosulfan II	0.002	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Endosulfan sulfate	0.002	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Endrin	0.002	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Endrin aldehyde	0.002	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Endrin ketone	0.002	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	BHC[gamma-]	0.002	mg/kg	UJ
21-11191	MD21-01-0001	0.5–1.17	FILL	Chlordane[gamma-]	0.002	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Heptachlor	0.002	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Heptachlor epoxide	0.002	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Methoxychlor[4,4'-]	0.004	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Toxaphene (technical grade)	0.08	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Aroclor-1016	0.04	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Aroclor-1221	0.04	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Aroclor-1232	0.04	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Aroclor-1242	0.04	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Aroclor-1248	0.04	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Aroclor-1254	0.071	mg/kg	None
21-11191	MD21-01-0001	0.5–1.17	FILL	Aroclor-1260	0.04	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Tetrachloroethane[1,1,1,2-]	0.0069	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Trichloroethane[1,1,1-]	0.0069	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Tetrachloroethane[1,1,2,2-]	0.0069	mg/kg	UJ
21-11191	MD21-01-0001	0.5–1.17	FILL	Trichloroethane[1,1,2-]	0.0069	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Dichloroethane[1,1-]	0.0069	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Dichloroethene[1,1-]	0.0069	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Dichloropropene[1,1-]	0.0069	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Trichloropropane[1,2,3-]	0.0069	mg/kg	UJ
21-11191	MD21-01-0001	0.5–1.17	FILL	Trimethylbenzene[1,2,4-]	0.0069	mg/kg	UJ
21-11191	MD21-01-0001	0.5–1.17	FILL	Dibromo-3-chloropropane[1,2-]	0.014	mg/kg	UJ
21-11191	MD21-01-0001	0.5–1.17	FILL	Dibromoethane[1,2-]	0.0069	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Dichlorobenzene[1,2-]	0.0069	mg/kg	UJ
21-11191	MD21-01-0001	0.5–1.17	FILL	Dichloroethane[1,2-]	0.0069	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Dichloroethene[cis/trans-1,2-]	0.0069	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Dichloropropane[1,2-]	0.0069	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Trimethylbenzene[1,3,5-]	0.0069	mg/kg	UJ
21-11191	MD21-01-0001	0.5–1.17	FILL	Dichlorobenzene[1,3-]	0.0069	mg/kg	UJ
21-11191	MD21-01-0001	0.5–1.17	FILL	Dichloropropane[1,3-]	0.0069	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Dichlorobenzene[1,4-]	0.0039	mg/kg	J
21-11191	MD21-01-0001	0.5–1.17	FILL	Dichloropropane[2,2-]	0.0069	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Butanone[2-]	0.012	mg/kg	J
21-11191	MD21-01-0001	0.5–1.17	FILL	Chlorotoluene[2-]	0.0069	mg/kg	UJ
21-11191	MD21-01-0001	0.5–1.17	FILL	Hexanone[2-]	0.028	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Chlorotoluene[4-]	0.0069	mg/kg	UJ
21-11191	MD21-01-0001	0.5–1.17	FILL	Isopropyltoluene[4-]	0.0069	mg/kg	UJ
21-11191	MD21-01-0001	0.5–1.17	FILL	Methyl-2-pentanone[4-]	0.028	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Acetone	0.081	mg/kg	J
21-11191	MD21-01-0001	0.5–1.17	FILL	Benzene	0.0069	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Bromobenzene	0.0069	mg/kg	UJ
21-11191	MD21-01-0001	0.5–1.17	FILL	Bromochloromethane	0.0069	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Bromodichloromethane	0.0069	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11191	MD21-01-0001	0.5–1.17	FILL	Bromoform	0.0069	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Bromomethane	0.014	mg/kg	UJ
21-11191	MD21-01-0001	0.5–1.17	FILL	Carbon disulfide	0.0069	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Carbon tetrachloride	0.0069	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Chlorobenzene	0.0069	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Chlorodibromomethane	0.0069	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Chloroethane	0.014	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Chloroform	0.0069	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Chloromethane	0.014	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Dichloropropene[cis-1,3-]	0.0069	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Dibromomethane	0.0069	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Dichlorodifluoromethane	0.014	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Ethylbenzene	0.0069	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Iodomethane	0.0069	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Isopropylbenzene	0.0069	mg/kg	UJ
21-11191	MD21-01-0001	0.5–1.17	FILL	Methylene chloride	0.0069	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Butylbenzene[n-]	0.0069	mg/kg	UJ
21-11191	MD21-01-0001	0.5–1.17	FILL	Propylbenzene[1-]	0.0069	mg/kg	UJ
21-11191	MD21-01-0001	0.5–1.17	FILL	Butylbenzene[sec-]	0.0069	mg/kg	UJ
21-11191	MD21-01-0001	0.5–1.17	FILL	Styrene	0.0069	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Butylbenzene[tert-]	0.0069	mg/kg	UJ
21-11191	MD21-01-0001	0.5–1.17	FILL	Tetrachloroethene	0.0069	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Toluene	0.0024	mg/kg	J
21-11191	MD21-01-0001	0.5–1.17	FILL	Dichloropropene[trans-1,3-]	0.0069	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Trichloroethene	0.0069	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Trichlorofluoromethane	0.014	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Trichlorotrifluoroethane	0.0069	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Vinyl chloride	0.014	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Xylene (total)	0.0069	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Trichlorobenzene[1,2,4-]	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Dichlorobenzene[1,2-]	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Dichlorobenzene[1,3-]	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Dichlorobenzene[1,4-]	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Oxybis(1-chloropropane)[2,2'-]	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Trichlorophenol[2,4,5-]	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Trichlorophenol[2,4,6-]	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Dichlorophenol[2,4-]	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Dimethylphenol[2,4-]	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Dinitrophenol[2,4-]	1.9	mg/kg	UJ
21-11191	MD21-01-0001	0.5–1.17	FILL	Dinitrotoluene[2,4-]	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Dinitrotoluene[2,6-]	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Chloronaphthalene[2-]	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Chlorophenol[2-]	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Methylnaphthalene[2-]	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Methylphenol[2-]	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Nitroaniline[2-]	1.9	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Nitrophenol[2-]	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Dichlorobenzidine[3,3'-]	1.9	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Nitroaniline[3-]	1.9	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Dinitro-2-methylphenol[4,6-]	1.9	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Bromophenyl-phenylether[4-]	0.4	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11191	MD21-01-0001	0.5–1.17	FILL	Chloro-3-methylphenol[4-]	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Chloroaniline[4-]	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Chlorophenyl-phenyl[4-] ether	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Methylphenol[4-]	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Nitroaniline[4-]	1.9	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Nitrophenol[4-]	1.9	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Acenaphthene	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Acenaphthylene	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Aniline	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Anthracene	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Azobenzene	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Benzo(a)anthracene	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Benzo(a)pyrene	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Benzo(b)fluoranthene	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Benzo(g,h,i)perylene	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Benzo(k)fluoranthene	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Benzoic acid	1.9	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Benzyl alcohol	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Bis(2-chloroethoxy)methane	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Bis(2-chloroethyl)ether	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Bis(2-ethylhexyl)phthalate	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Butylbenzylphthalate	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Chrysene	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Di-n-butylphthalate	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Di-n-octylphthalate	0.4	mg/kg	UJ
21-11191	MD21-01-0001	0.5–1.17	FILL	Dibenz(a,h)anthracene	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Dibenzofuran	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Diethylphthalate	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Dimethyl phthalate	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Fluoranthene	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Fluorene	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Hexachlorobenzene	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Hexachlorobutadiene	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Hexachlorocyclopentadiene	1.9	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Hexachloroethane	0.4	mg/kg	UJ
21-11191	MD21-01-0001	0.5–1.17	FILL	Indeno(1,2,3-cd)pyrene	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Isophorone	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Nitroso-di-n-propylamine[N-]	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Nitrosodimethylamine[N-]	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Nitrosodiphenylamine[N-]	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Naphthalene	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Nitrobenzene	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Pentachlorophenol	1.9	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Phenanthrene	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Phenol	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Pyrene	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Thorium-228	1.54	pCi/g	None
21-11191	MD21-01-0001	0.5–1.17	FILL	Thorium-230	1.31	pCi/g	None
21-11191	MD21-01-0001	0.5–1.17	FILL	Thorium-232	1.5	pCi/g	None
21-11191	MD21-01-0001	0.5–1.17	FILL	Americium-241	0.039	pCi/g	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Uranium-234	1.51	pCi/g	None

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11191	MD21-01-0001	0.5–1.17	FILL	Uranium-235	0.071	pCi/g	None
21-11191	MD21-01-0001	0.5–1.17	FILL	Uranium-238	1.32	pCi/g	J+
21-11191	MD21-01-0001	0.5–1.17	FILL	Plutonium-238	0.039	pCi/g	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Plutonium-239	0.176	pCi/g	None
21-11191	MD21-01-0001	0.5–1.17	FILL	Strontium-90	0.34	pCi/g	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Tritium	0.4	pCi/g	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Gross alpha	10	pCi/g	None
21-11191	MD21-01-0001	0.5–1.17	FILL	Gross beta	6.63	pCi/g	None
21-11191	MD21-01-0001	0.5–1.17	FILL	Cesium-134	-0.015	pCi/g	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Cesium-137	-0.018	pCi/g	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Cobalt-60	0.008	pCi/g	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Europium-152	0.12	pCi/g	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Ruthenium-106	-0.03	pCi/g	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Silver	0.124	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Aluminum	20000	mg/kg	None
21-11191	MD21-01-0001	0.5–1.17	FILL	Arsenic	7.4	mg/kg	None
21-11191	MD21-01-0001	0.5–1.17	FILL	Barium	110	mg/kg	None
21-11191	MD21-01-0001	0.5–1.17	FILL	Beryllium	1.3	mg/kg	None
21-11191	MD21-01-0001	0.5–1.17	FILL	Calcium	2700	mg/kg	None
21-11191	MD21-01-0001	0.5–1.17	FILL	Cadmium	0.17	mg/kg	J+
21-11191	MD21-01-0001	0.5–1.17	FILL	Cobalt	5.4	mg/kg	None
21-11191	MD21-01-0001	0.5–1.17	FILL	Chromium	20	mg/kg	None
21-11191	MD21-01-0001	0.5–1.17	FILL	Copper	9	mg/kg	None
21-11191	MD21-01-0001	0.5–1.17	FILL	Iron	17000	mg/kg	None
21-11191	MD21-01-0001	0.5–1.17	FILL	Mercury	0.45	mg/kg	None
21-11191	MD21-01-0001	0.5–1.17	FILL	Potassium	2400	mg/kg	None
21-11191	MD21-01-0001	0.5–1.17	FILL	Magnesium	2600	mg/kg	J-
21-11191	MD21-01-0001	0.5–1.17	FILL	Manganese	300	mg/kg	None
21-11191	MD21-01-0001	0.5–1.17	FILL	Sodium	130	mg/kg	None
21-11191	MD21-01-0001	0.5–1.17	FILL	Nickel	8.8	mg/kg	None
21-11191	MD21-01-0001	0.5–1.17	FILL	Lead	50	mg/kg	None
21-11191	MD21-01-0001	0.5–1.17	FILL	Selenium	0.583	mg/kg	None
21-11191	MD21-01-0001	0.5–1.17	FILL	Thallium	0.141	mg/kg	J
21-11191	MD21-01-0001	0.5–1.17	FILL	Vanadium	32	mg/kg	None
21-11191	MD21-01-0001	0.5–1.17	FILL	Zinc	76	mg/kg	None
21-11192	MD21-01-0002	0.5–1.0	FILL	DDD[4,4'-]	0.02	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	DDE[4,4'-]	0.02	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	DDT[4,4'-]	0.02	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Aldrin	0.02	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	BHC[alpha-]	0.02	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Chlordane[alpha-]	0.02	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	BHC[beta-]	0.02	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	BHC[delta-]	0.02	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Dieldrin	0.02	mg/kg	UJ
21-11192	MD21-01-0002	0.5–1.0	FILL	Endosulfan I	0.02	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Endosulfan II	0.02	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Endosulfan sulfate	0.02	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Endrin	0.02	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Endrin aldehyde	0.02	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Endrin ketone	0.02	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	BHC[gamma-]	0.02	mg/kg	UJ

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11192	MD21-01-0002	0.5–1.0	FILL	Chlordane[gamma-]	0.02	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Heptachlor	0.02	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Heptachlor epoxide	0.02	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Methoxychlor[4,4'-]	0.038	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Toxaphene (technical grade)	0.78	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Aroclor-1016	0.038	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Aroclor-1221	0.038	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Aroclor-1232	0.038	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Aroclor-1242	0.038	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Aroclor-1248	0.038	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Aroclor-1254	0.038	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Aroclor-1260	0.038	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Tetrachloroethane[1,1,1,2-]	0.0059	mg/kg	UJ
21-11192	MD21-01-0002	0.5–1.0	FILL	Trichloroethane[1,1,1-]	0.0059	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Tetrachloroethane[1,1,2,2-]	0.0059	mg/kg	UJ
21-11192	MD21-01-0002	0.5–1.0	FILL	Trichloroethane[1,1,2-]	0.0059	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Dichloroethane[1,1-]	0.0059	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Dichloroethene[1,1-]	0.0059	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Dichloropropene[1,1-]	0.0059	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Trichloropropane[1,2,3-]	0.0059	mg/kg	UJ
21-11192	MD21-01-0002	0.5–1.0	FILL	Trimethylbenzene[1,2,4-]	0.0024	mg/kg	J
21-11192	MD21-01-0002	0.5–1.0	FILL	Dibromo-3-chloropropane[1,2-]	0.012	mg/kg	UJ
21-11192	MD21-01-0002	0.5–1.0	FILL	Dibromoethane[1,2-]	0.0059	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Dichlorobenzene[1,2-]	0.0059	mg/kg	UJ
21-11192	MD21-01-0002	0.5–1.0	FILL	Dichloroethane[1,2-]	0.0059	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Dichloroethene[cis/trans-1,2-]	0.0059	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Dichloropropane[1,2-]	0.0059	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Trimethylbenzene[1,3,5-]	0.0059	mg/kg	UJ
21-11192	MD21-01-0002	0.5–1.0	FILL	Dichlorobenzene[1,3-]	0.0059	mg/kg	UJ
21-11192	MD21-01-0002	0.5–1.0	FILL	Dichloropropane[1,3-]	0.0059	mg/kg	UJ
21-11192	MD21-01-0002	0.5–1.0	FILL	Dichlorobenzene[1,4-]	0.0059	mg/kg	UJ
21-11192	MD21-01-0002	0.5–1.0	FILL	Dichloropropane[2,2-]	0.0059	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Butanone[2-]	0.036	mg/kg	None
21-11192	MD21-01-0002	0.5–1.0	FILL	Chlorotoluene[2-]	0.0059	mg/kg	UJ
21-11192	MD21-01-0002	0.5–1.0	FILL	Hexanone[2-]	0.024	mg/kg	UJ
21-11192	MD21-01-0002	0.5–1.0	FILL	Chlorotoluene[4-]	0.0059	mg/kg	UJ
21-11192	MD21-01-0002	0.5–1.0	FILL	Isopropyltoluene[4-]	0.0059	mg/kg	UJ
21-11192	MD21-01-0002	0.5–1.0	FILL	Methyl-2-pentanone[4-]	0.024	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Acetone	0.14	mg/kg	J
21-11192	MD21-01-0002	0.5–1.0	FILL	Benzene	0.0059	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Bromobenzene	0.0059	mg/kg	UJ
21-11192	MD21-01-0002	0.5–1.0	FILL	Bromochloromethane	0.0059	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Bromodichloromethane	0.0059	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Bromoform	0.0059	mg/kg	UJ
21-11192	MD21-01-0002	0.5–1.0	FILL	Bromomethane	0.012	mg/kg	UJ
21-11192	MD21-01-0002	0.5–1.0	FILL	Carbon disulfide	0.0059	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Carbon tetrachloride	0.0059	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Chlorobenzene	0.0059	mg/kg	UJ
21-11192	MD21-01-0002	0.5–1.0	FILL	Chlorodibromomethane	0.0059	mg/kg	UJ
21-11192	MD21-01-0002	0.5–1.0	FILL	Chloroethane	0.012	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Chloroform	0.0059	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11192	MD21-01-0002	0.5–1.0	FILL	Chloromethane	0.012	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Dichloropropene[cis-1,3-]	0.0059	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Dibromomethane	0.0059	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Dichlorodifluoromethane	0.012	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Ethylbenzene	0.0059	mg/kg	UJ
21-11192	MD21-01-0002	0.5–1.0	FILL	Iodomethane	0.0059	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Isopropylbenzene	0.0059	mg/kg	UJ
21-11192	MD21-01-0002	0.5–1.0	FILL	Methylene chloride	0.0059	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Butylbenzene[n-]	0.0059	mg/kg	UJ
21-11192	MD21-01-0002	0.5–1.0	FILL	Propylbenzene[1-]	0.0059	mg/kg	UJ
21-11192	MD21-01-0002	0.5–1.0	FILL	Butylbenzene[sec-]	0.0059	mg/kg	UJ
21-11192	MD21-01-0002	0.5–1.0	FILL	Styrene	0.0059	mg/kg	UJ
21-11192	MD21-01-0002	0.5–1.0	FILL	Butylbenzene[tert-]	0.0059	mg/kg	UJ
21-11192	MD21-01-0002	0.5–1.0	FILL	Tetrachloroethene	0.0059	mg/kg	UJ
21-11192	MD21-01-0002	0.5–1.0	FILL	Toluene	0.0016	mg/kg	J
21-11192	MD21-01-0002	0.5–1.0	FILL	Dichloropropene[trans-1,3-]	0.0059	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Trichloroethene	0.0059	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Trichlorofluoromethane	0.012	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Trichlorotrifluoroethane	0.0059	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Vinyl chloride	0.012	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Xylene (total)	0.0059	mg/kg	UJ
21-11192	MD21-01-0002	0.5–1.0	FILL	Trichlorobenzene[1,2,4-]	0.38	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Dichlorobenzene[1,2-]	0.38	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Dichlorobenzene[1,3-]	0.38	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Dichlorobenzene[1,4-]	0.38	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Oxybis(1-chloropropane)[2,2'-]	0.38	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Trichlorophenol[2,4,5-]	0.38	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Trichlorophenol[2,4,6-]	0.38	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Dichlorophenol[2,4-]	0.38	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Dimethylphenol[2,4-]	0.38	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Dinitrophenol[2,4-]	1.9	mg/kg	UJ
21-11192	MD21-01-0002	0.5–1.0	FILL	Dinitrotoluene[2,4-]	0.38	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Dinitrotoluene[2,6-]	0.38	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Chloronaphthalene[2-]	0.38	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Chlorophenol[2-]	0.38	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Methylnaphthalene[2-]	0.38	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Methylphenol[2-]	0.38	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Nitroaniline[2-]	1.9	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Nitrophenol[2-]	0.38	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Dichlorobenzidine[3,3'-]	1.9	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Nitroaniline[3-]	1.9	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Dinitro-2-methylphenol[4,6-]	1.9	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Bromophenyl-phenylether[4-]	0.38	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Chloro-3-methylphenol[4-]	0.38	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Chloroaniline[4-]	0.38	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Chlorophenyl-phenyl[4-] ether	0.38	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Methylphenol[4-]	0.38	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Nitroaniline[4-]	1.9	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Nitrophenol[4-]	1.9	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Acenaphthene	0.044	mg/kg	J
21-11192	MD21-01-0002	0.5–1.0	FILL	Acenaphthylene	0.38	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11192	MD21-01-0002	0.5–1.0	FILL	Aniline	0.38	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Anthracene	0.045	mg/kg	J
21-11192	MD21-01-0002	0.5–1.0	FILL	Azobenzene	0.38	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Benzo(a)anthracene	0.082	mg/kg	J
21-11192	MD21-01-0002	0.5–1.0	FILL	Benzo(a)pyrene	0.074	mg/kg	J
21-11192	MD21-01-0002	0.5–1.0	FILL	Benzo(b)fluoranthene	0.078	mg/kg	J
21-11192	MD21-01-0002	0.5–1.0	FILL	Benzo(g,h,i)perylene	0.38	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Benzo(k)fluoranthene	0.078	mg/kg	J
21-11192	MD21-01-0002	0.5–1.0	FILL	Benzoic acid	0.18	mg/kg	J
21-11192	MD21-01-0002	0.5–1.0	FILL	Benzyl alcohol	0.38	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Bis(2-chloroethoxy)methane	0.38	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Bis(2-chloroethyl)ether	0.38	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Bis(2-ethylhexyl)phthalate	0.055	mg/kg	J
21-11192	MD21-01-0002	0.5–1.0	FILL	Butylbenzylphthalate	0.38	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Chrysene	0.089	mg/kg	J
21-11192	MD21-01-0002	0.5–1.0	FILL	Di-n-butylphthalate	0.38	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Di-n-octylphthalate	0.38	mg/kg	UJ
21-11192	MD21-01-0002	0.5–1.0	FILL	Dibenz(a,h)anthracene	0.38	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Dibenzofuran	0.38	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Diethylphthalate	0.38	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Dimethyl phthalate	0.38	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Fluoranthene	0.31	mg/kg	J
21-11192	MD21-01-0002	0.5–1.0	FILL	Fluorene	0.38	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Hexachlorobenzene	0.38	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Hexachlorobutadiene	0.38	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Hexachlorocyclopentadiene	1.9	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Hexachloroethane	0.38	mg/kg	UJ
21-11192	MD21-01-0002	0.5–1.0	FILL	Indeno(1,2,3-cd)pyrene	0.38	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Isophorone	0.38	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Nitroso-di-n-propylamine[N-]	0.38	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Nitrosodimethylamine[N-]	0.38	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Nitrosodiphenylamine[N-]	0.38	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Naphthalene	0.38	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Nitrobenzene	0.38	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Pentachlorophenol	1.9	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Phenanthrene	0.26	mg/kg	J
21-11192	MD21-01-0002	0.5–1.0	FILL	Phenol	0.38	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Pyrene	0.23	mg/kg	J
21-11192	MD21-01-0002	0.5–1.0	FILL	Thorium-228	1.42	pCi/g	None
21-11192	MD21-01-0002	0.5–1.0	FILL	Thorium-230	1.13	pCi/g	None
21-11192	MD21-01-0002	0.5–1.0	FILL	Thorium-232	1.35	pCi/g	None
21-11192	MD21-01-0002	0.5–1.0	FILL	Americium-241	0.005	pCi/g	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Uranium-234	0.99	pCi/g	None
21-11192	MD21-01-0002	0.5–1.0	FILL	Uranium-235	0.007	pCi/g	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Uranium-238	0.92	pCi/g	J+
21-11192	MD21-01-0002	0.5–1.0	FILL	Plutonium-238	0.014	pCi/g	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Plutonium-239	0.017	pCi/g	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Strontium-90	0.48	pCi/g	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Tritium	0.63	pCi/g	None
21-11192	MD21-01-0002	0.5–1.0	FILL	Gross alpha	5.55	pCi/g	None
21-11192	MD21-01-0002	0.5–1.0	FILL	Gross beta	4.92	pCi/g	None

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11192	MD21-01-0002	0.5–1.0	FILL	Cesium-134	0.023	pCi/g	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Cesium-137	-0.021	pCi/g	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Cobalt-60	0.001	pCi/g	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Europium-152	0.29	pCi/g	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Ruthenium-106	-0.42	pCi/g	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Silver	0.123	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Aluminum	21000	mg/kg	None
21-11192	MD21-01-0002	0.5–1.0	FILL	Arsenic	4.5	mg/kg	None
21-11192	MD21-01-0002	0.5–1.0	FILL	Barium	100	mg/kg	None
21-11192	MD21-01-0002	0.5–1.0	FILL	Beryllium	1.5	mg/kg	None
21-11192	MD21-01-0002	0.5–1.0	FILL	Calcium	2500	mg/kg	None
21-11192	MD21-01-0002	0.5–1.0	FILL	Cadmium	0.0381	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Cobalt	4.6	mg/kg	None
21-11192	MD21-01-0002	0.5–1.0	FILL	Chromium	13	mg/kg	None
21-11192	MD21-01-0002	0.5–1.0	FILL	Copper	7.3	mg/kg	None
21-11192	MD21-01-0002	0.5–1.0	FILL	Iron	15000	mg/kg	None
21-11192	MD21-01-0002	0.5–1.0	FILL	Mercury	0.11	mg/kg	J
21-11192	MD21-01-0002	0.5–1.0	FILL	Potassium	3000	mg/kg	None
21-11192	MD21-01-0002	0.5–1.0	FILL	Magnesium	2700	mg/kg	None
21-11192	MD21-01-0002	0.5–1.0	FILL	Manganese	240	mg/kg	J-
21-11192	MD21-01-0002	0.5–1.0	FILL	Sodium	100	mg/kg	None
21-11192	MD21-01-0002	0.5–1.0	FILL	Nickel	9.4	mg/kg	None
21-11192	MD21-01-0002	0.5–1.0	FILL	Lead	12	mg/kg	None
21-11192	MD21-01-0002	0.5–1.0	FILL	Selenium	1.67	mg/kg	None
21-11192	MD21-01-0002	0.5–1.0	FILL	Thallium	0.168	mg/kg	J
21-11192	MD21-01-0002	0.5–1.0	FILL	Vanadium	20	mg/kg	None
21-11192	MD21-01-0002	0.5–1.0	FILL	Zinc	44	mg/kg	None
21-11191	MD21-01-0003	3.0–3.5	Qbt3	DDD[4,4'-]	0.0017	mg/kg	UJ
21-11191	MD21-01-0003	3.0–3.5	Qbt3	DDE[4,4'-]	0.0017	mg/kg	UJ
21-11191	MD21-01-0003	3.0–3.5	Qbt3	DDT[4,4'-]	0.0017	mg/kg	UJ
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Aldrin	0.0017	mg/kg	UJ
21-11191	MD21-01-0003	3.0–3.5	Qbt3	BHC[alpha-]	0.0017	mg/kg	UJ
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Chlordane[alpha-]	0.0017	mg/kg	UJ
21-11191	MD21-01-0003	3.0–3.5	Qbt3	BHC[beta-]	0.0017	mg/kg	UJ
21-11191	MD21-01-0003	3.0–3.5	Qbt3	BHC[delta-]	0.0017	mg/kg	UJ
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Dieldrin	0.0017	mg/kg	UJ
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Endosulfan I	0.0017	mg/kg	UJ
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Endosulfan II	0.0017	mg/kg	UJ
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Endosulfan sulfate	0.0017	mg/kg	UJ
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Endrin	0.0017	mg/kg	UJ
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Endrin aldehyde	0.0017	mg/kg	UJ
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Endrin ketone	0.0017	mg/kg	UJ
21-11191	MD21-01-0003	3.0–3.5	Qbt3	BHC[gamma-]	0.0017	mg/kg	UJ
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Chlordane[gamma-]	0.0017	mg/kg	UJ
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Heptachlor	0.0017	mg/kg	UJ
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Heptachlor epoxide	0.0017	mg/kg	UJ
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Methoxychlor[4,4'-]	0.0034	mg/kg	UJ
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Toxaphene (technical grade)	0.069	mg/kg	UJ
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Aroclor-1016	0.034	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Aroclor-1221	0.034	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Aroclor-1232	0.034	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Aroclor-1242	0.034	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Aroclor-1248	0.034	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Aroclor-1254	0.034	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Aroclor-1260	0.034	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Tetrachloroethane[1,1,1,2-]	0.0066	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Trichloroethane[1,1,1-]	0.0066	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Tetrachloroethane[1,1,2,2-]	0.0066	mg/kg	UJ
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Trichloroethane[1,1,2-]	0.0066	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Dichloroethane[1,1-]	0.0066	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Dichloroethene[1,1-]	0.0066	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Dichloropropene[1,1-]	0.0066	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Trichloropropane[1,2,3-]	0.0066	mg/kg	UJ
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Trimethylbenzene[1,2,4-]	0.0066	mg/kg	UJ
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Dibromo-3-chloropropane[1,2-]	0.013	mg/kg	UJ
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Dibromoethane[1,2-]	0.0066	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Dichlorobenzene[1,2-]	0.0066	mg/kg	UJ
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Dichloroethane[1,2-]	0.0066	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Dichloroethene[cis/trans-1,2-]	0.0066	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Dichloropropane[1,2-]	0.0066	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Trimethylbenzene[1,3,5-]	0.0066	mg/kg	UJ
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Dichlorobenzene[1,3-]	0.0066	mg/kg	UJ
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Dichloropropane[1,3-]	0.0066	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Dichlorobenzene[1,4-]	0.0066	mg/kg	UJ
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Dichloropropane[2,2-]	0.0066	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Butanone[2-]	0.027	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Chlorotoluene[2-]	0.0066	mg/kg	UJ
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Hexanone[2-]	0.027	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Chlorotoluene[4-]	0.0066	mg/kg	UJ
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Isopropyltoluene[4-]	0.0066	mg/kg	UJ
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Methyl-2-pentanone[4-]	0.027	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Acetone	0.021	mg/kg	J
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Benzene	0.0066	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Bromobenzene	0.0066	mg/kg	UJ
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Bromochloromethane	0.0066	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Bromodichloromethane	0.0066	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Bromoform	0.0066	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Bromomethane	0.013	mg/kg	UJ
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Carbon disulfide	0.0066	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Carbon tetrachloride	0.0066	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Chlorobenzene	0.0066	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Chlorodibromomethane	0.0066	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Chloroethane	0.013	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Chloroform	0.0066	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Chloromethane	0.013	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Dichloropropene[cis-1,3-]	0.0066	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Dibromomethane	0.0066	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Dichlorodifluoromethane	0.013	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Ethylbenzene	0.0066	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Iodomethane	0.0066	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Isopropylbenzene	0.0066	mg/kg	UJ
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Methylene chloride	0.0066	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Butylbenzene[n-]	0.0066	mg/kg	UJ
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Propylbenzene[1-]	0.0066	mg/kg	UJ
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Butylbenzene[sec-]	0.0066	mg/kg	UJ
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Styrene	0.0066	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Butylbenzene[tert-]	0.0066	mg/kg	UJ
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Tetrachloroethene	0.0066	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Toluene	0.0066	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Dichloropropene[trans-1,3-]	0.0066	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Trichloroethene	0.0066	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Trichlorofluoromethane	0.013	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Trichlorotrifluoroethane	0.0066	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Vinyl chloride	0.013	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Xylene (total)	0.0066	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Trichlorobenzene[1,2,4-]	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Dichlorobenzene[1,2-]	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Dichlorobenzene[1,3-]	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Dichlorobenzene[1,4-]	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Oxybis(1-chloropropane)[2,2'-]	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Trichlorophenol[2,4,5-]	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Trichlorophenol[2,4,6-]	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Dichlorophenol[2,4-]	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Dimethylphenol[2,4-]	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Dinitrophenol[2,4-]	1.6	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Dinitrotoluene[2,4-]	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Dinitrotoluene[2,6-]	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Chloronaphthalene[2-]	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Chlorophenol[2-]	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Methylnaphthalene[2-]	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Methylphenol[2-]	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Nitroaniline[2-]	1.6	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Nitrophenol[2-]	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Dichlorobenzidine[3,3'-]	1.6	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Nitroaniline[3-]	1.6	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Dinitro-2-methylphenol[4,6-]	1.6	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Bromophenyl-phenylether[4-]	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Chloro-3-methylphenol[4-]	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Chloroaniline[4-]	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Chlorophenyl-phenyl[4-] ether	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Methylphenol[4-]	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Nitroaniline[4-]	1.6	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Nitrophenol[4-]	1.6	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Acenaphthene	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Acenaphthylene	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Aniline	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Anthracene	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Azobenzene	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Benzo(a)anthracene	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Benzo(a)pyrene	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Benzo(b)fluoranthene	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Benzo(g,h,i)perylene	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Benzo(k)fluoranthene	0.34	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Benzoic acid	1.6	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Benzyl alcohol	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Bis(2-chloroethoxy)methane	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Bis(2-chloroethyl)ether	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Bis(2-ethylhexyl)phthalate	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Butylbenzylphthalate	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Chrysene	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Di-n-butylphthalate	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Di-n-octylphthalate	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Dibenz(a,h)anthracene	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Dibenzofuran	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Diethylphthalate	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Dimethyl phthalate	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Fluoranthene	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Fluorene	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Hexachlorobenzene	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Hexachlorobutadiene	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Hexachlorocyclopentadiene	1.6	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Hexachloroethane	0.34	mg/kg	UJ
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Indeno(1,2,3-cd)pyrene	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Isophorone	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Nitroso-di-n-propylamine[N-]	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Nitrosodimethylamine[N-]	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Nitrosodiphenylamine[N-]	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Naphthalene	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Nitrobenzene	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Pentachlorophenol	1.6	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Phenanthrene	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Phenol	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Pyrene	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Thorium-228	1.35	pCi/g	None
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Thorium-230	0.97	pCi/g	None
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Thorium-232	1.2	pCi/g	None
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Americium-241	-0.008	pCi/g	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Uranium-234	0.66	pCi/g	None
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Uranium-235	0.007	pCi/g	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Uranium-238	0.81	pCi/g	J+
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Plutonium-238	0.036	pCi/g	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Plutonium-239	0.029	pCi/g	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Strontium-90	0.002	pCi/g	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Tritium	-0.02	pCi/g	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Gross alpha	2.9	pCi/g	None
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Gross beta	2.33	pCi/g	None
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Cesium-134	0.026	pCi/g	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Cesium-137	-0.041	pCi/g	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Cobalt-60	-0.05	pCi/g	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Europium-152	0.18	pCi/g	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Ruthenium-106	-0.09	pCi/g	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Silver	0.105	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Aluminum	1100	mg/kg	None
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Arsenic	2.1	mg/kg	None

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Barium	16	mg/kg	None
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Beryllium	0.3	mg/kg	J
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Calcium	600	mg/kg	None
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Cadmium	0.0327	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Cobalt	0.48	mg/kg	J
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Chromium	6.6	mg/kg	J
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Copper	1.8	mg/kg	None
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Iron	2200	mg/kg	None
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Mercury	0.033	mg/kg	J
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Potassium	230	mg/kg	None
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Magnesium	380	mg/kg	None
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Sodium	120	mg/kg	None
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Nickel	5.2	mg/kg	None
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Lead	12	mg/kg	None
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Selenium	0.358	mg/kg	None
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Thallium	0.051	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Vanadium	1.6	mg/kg	None
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Zinc	16	mg/kg	None
21-11192	MD21-01-0004	3.0–3.5	Qbt3	DDD[4,4'-]	0.0017	mg/kg	UJ
21-11192	MD21-01-0004	3.0–3.5	Qbt3	DDE[4,4'-]	0.0017	mg/kg	UJ
21-11192	MD21-01-0004	3.0–3.5	Qbt3	DDT[4,4'-]	0.0017	mg/kg	UJ
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Aldrin	0.0017	mg/kg	UJ
21-11192	MD21-01-0004	3.0–3.5	Qbt3	BHC[alpha-]	0.0017	mg/kg	UJ
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Chlordane[alpha-]	0.0017	mg/kg	UJ
21-11192	MD21-01-0004	3.0–3.5	Qbt3	BHC[beta-]	0.0017	mg/kg	UJ
21-11192	MD21-01-0004	3.0–3.5	Qbt3	BHC[delta-]	0.0017	mg/kg	UJ
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Dieldrin	0.0017	mg/kg	UJ
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Endosulfan I	0.0017	mg/kg	UJ
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Endosulfan II	0.0017	mg/kg	UJ
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Endosulfan sulfate	0.0017	mg/kg	UJ
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Endrin	0.0017	mg/kg	UJ
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Endrin aldehyde	0.0017	mg/kg	UJ
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Endrin ketone	0.0017	mg/kg	UJ
21-11192	MD21-01-0004	3.0–3.5	Qbt3	BHC[gamma-]	0.0017	mg/kg	UJ
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Chlordane[gamma-]	0.0017	mg/kg	UJ
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Heptachlor	0.0017	mg/kg	UJ
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Heptachlor epoxide	0.0017	mg/kg	UJ
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Methoxychlor[4,4'-]	0.0034	mg/kg	UJ
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Toxaphene (technical grade)	0.068	mg/kg	UJ
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Aroclor-1016	0.034	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Aroclor-1221	0.034	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Aroclor-1232	0.034	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Aroclor-1242	0.034	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Aroclor-1248	0.034	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Aroclor-1254	0.034	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Aroclor-1260	0.034	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Tetrachloroethane[1,1,1,2-]	0.0053	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Trichloroethane[1,1,1-]	0.0053	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Tetrachloroethane[1,1,2,2-]	0.0053	mg/kg	UJ
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Trichloroethane[1,1,2-]	0.0053	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Dichloroethane[1,1-]	0.0053	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Dichloroethene[1,1-]	0.0053	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Dichloropropene[1,1-]	0.0053	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Trichloropropane[1,2,3-]	0.0053	mg/kg	UJ
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Trimethylbenzene[1,2,4-]	0.003	mg/kg	J
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Dibromo-3-chloropropane[1,2-]	0.011	mg/kg	UJ
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Dibromoethane[1,2-]	0.0053	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Dichlorobenzene[1,2-]	0.0053	mg/kg	UJ
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Dichloroethane[1,2-]	0.0053	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Dichloroethene[cis/trans-1,2-]	0.0053	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Dichloropropane[1,2-]	0.0053	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Trimethylbenzene[1,3,5-]	0.0053	mg/kg	UJ
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Dichlorobenzene[1,3-]	0.0053	mg/kg	UJ
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Dichloropropane[1,3-]	0.0053	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Dichlorobenzene[1,4-]	0.0053	mg/kg	UJ
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Dichloropropane[2,2-]	0.0053	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Butanone[2-]	0.0083	mg/kg	J
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Chlorotoluene[2-]	0.0053	mg/kg	UJ
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Hexanone[2-]	0.021	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Chlorotoluene[4-]	0.0053	mg/kg	UJ
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Isopropyltoluene[4-]	0.0053	mg/kg	UJ
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Methyl-2-pentanone[4-]	0.021	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Acetone	0.078	mg/kg	J
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Benzene	0.0053	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Bromobenzene	0.0053	mg/kg	UJ
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Bromochloromethane	0.0053	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Bromodichloromethane	0.0053	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Bromoform	0.0053	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Bromomethane	0.011	mg/kg	UJ
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Carbon disulfide	0.0053	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Carbon tetrachloride	0.0053	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Chlorobenzene	0.0053	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Chlorodibromomethane	0.0053	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Chloroethane	0.011	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Chloroform	0.0053	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Chloromethane	0.011	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Dichloropropene[cis-1,3-]	0.0053	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Dibromomethane	0.0053	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Dichlorodifluoromethane	0.011	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Ethylbenzene	0.0053	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Iodomethane	0.0053	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Isopropylbenzene	0.0025	mg/kg	J
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Methylene chloride	0.0053	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Butylbenzene[n-]	0.0053	mg/kg	UJ
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Propylbenzene[1-]	0.0053	mg/kg	UJ
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Butylbenzene[sec-]	0.0053	mg/kg	UJ
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Styrene	0.0053	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Butylbenzene[tert-]	0.0053	mg/kg	UJ
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Tetrachloroethene	0.0053	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Toluene	0.006	mg/kg	None
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Dichloropropene[trans-1,3-]	0.0053	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Trichloroethene	0.0053	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Trichlorofluoromethane	0.011	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Trichlorotrifluoroethane	0.0053	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Vinyl chloride	0.011	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Xylene (total)	0.0053	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Trichlorobenzene[1,2,4-]	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Dichlorobenzene[1,2-]	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Dichlorobenzene[1,3-]	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Dichlorobenzene[1,4-]	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Oxybis(1-chloropropane)[2,2'-]	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Trichlorophenol[2,4,5-]	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Trichlorophenol[2,4,6-]	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Dichlorophenol[2,4-]	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Dimethylphenol[2,4-]	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Dinitrophenol[2,4-]	1.6	mg/kg	UJ
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Dinitrotoluene[2,4-]	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Dinitrotoluene[2,6-]	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Chloronaphthalene[2-]	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Chlorophenol[2-]	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Methylnaphthalene[2-]	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Methylphenol[2-]	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Nitroaniline[2-]	1.6	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Nitrophenol[2-]	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Dichlorobenzidine[3,3'-]	1.6	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Nitroaniline[3-]	1.6	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Dinitro-2-methylphenol[4,6-]	1.6	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Bromophenyl-phenylether[4-]	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Chloro-3-methylphenol[4-]	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Chloroaniline[4-]	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Chlorophenyl-phenyl[4-] ether	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Methylphenol[4-]	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Nitroaniline[4-]	1.6	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Nitrophenol[4-]	1.6	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Acenaphthene	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Acenaphthylene	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Aniline	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Anthracene	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Azobenzene	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Benzo(a)anthracene	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Benzo(a)pyrene	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Benzo(b)fluoranthene	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Benzo(g,h,i)perylene	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Benzo(k)fluoranthene	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Benzoic acid	1.6	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Benzyl alcohol	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Bis(2-chloroethoxy)methane	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Bis(2-chloroethyl)ether	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Bis(2-ethylhexyl)phthalate	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Butylbenzylphthalate	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Chrysene	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Di-n-butylphthalate	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Di-n-octylphthalate	0.34	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Dibenz(a,h)anthracene	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Dibenzofuran	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Diethylphthalate	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Dimethyl phthalate	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Fluoranthene	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Fluorene	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Hexachlorobenzene	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Hexachlorobutadiene	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Hexachlorocyclopentadiene	1.6	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Hexachloroethane	0.34	mg/kg	UJ
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Indeno(1,2,3-cd)pyrene	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Isophorone	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Nitroso-di-n-propylamine[N-]	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Nitrosodimethylamine[N-]	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Nitrosodiphenylamine[N-]	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Naphthalene	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Nitrobenzene	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Pentachlorophenol	1.6	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Phenanthrene	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Phenol	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Pyrene	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Thorium-228	1.45	pCi/g	None
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Thorium-230	0.91	pCi/g	None
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Thorium-232	1.12	pCi/g	None
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Americium-241	0.012	pCi/g	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Uranium-234	0.76	pCi/g	None
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Uranium-235	0.047	pCi/g	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Uranium-238	0.7	pCi/g	J+
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Plutonium-238	-0.003	pCi/g	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Plutonium-239	-0.007	pCi/g	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Strontium-90	0.03	pCi/g	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Tritium	-0.21	pCi/g	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Gross alpha	3.25	pCi/g	None
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Gross beta	2.45	pCi/g	None
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Cesium-134	0.004	pCi/g	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Cesium-137	-0.025	pCi/g	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Cobalt-60	-0.03	pCi/g	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Europium-152	-0.1	pCi/g	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Ruthenium-106	0.08	pCi/g	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Silver	0.105	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Aluminum	610	mg/kg	None
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Arsenic	2.1	mg/kg	None
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Barium	12	mg/kg	None
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Beryllium	0.3	mg/kg	J
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Calcium	3300	mg/kg	None
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Cadmium	0.0327	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Cobalt	0.48	mg/kg	J
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Chromium	9.2	mg/kg	J
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Copper	1.1	mg/kg	None
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Iron	1900	mg/kg	None
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Mercury	0.0184	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Potassium	280	mg/kg	None
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Magnesium	530	mg/kg	None
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Sodium	160	mg/kg	None
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Nickel	5.2	mg/kg	None
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Lead	14	mg/kg	None
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Selenium	0.367	mg/kg	None
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Thallium	0.051	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Vanadium	1.7	mg/kg	None
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Zinc	13	mg/kg	None
21-11193	MD21-01-0005	0.83–1.33	Qbt3	DDD[4,4'-]	0.0018	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	DDE[4,4'-]	0.0018	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	DDT[4,4'-]	0.0018	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Aldrin	0.0018	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	BHC[alpha-]	0.0018	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Chlordane[alpha-]	0.0018	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	BHC[beta-]	0.0018	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	BHC[delta-]	0.0018	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Dieldrin	0.0018	mg/kg	UJ
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Endosulfan I	0.0018	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Endosulfan II	0.0018	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Endosulfan sulfate	0.0018	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Endrin	0.0018	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Endrin aldehyde	0.0018	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Endrin ketone	0.0018	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	BHC[gamma-]	0.0018	mg/kg	UJ
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Chlordane[gamma-]	0.0018	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Heptachlor	0.0018	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Heptachlor epoxide	0.0018	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Methoxychlor[4,4'-]	0.0034	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Toxaphene (technical grade)	0.069	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Aroclor-1016	0.034	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Aroclor-1221	0.034	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Aroclor-1232	0.034	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Aroclor-1242	0.034	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Aroclor-1248	0.034	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Aroclor-1254	0.034	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Aroclor-1260	0.034	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Tetrachloroethane[1,1,1,2-]	0.0069	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Trichloroethane[1,1,1-]	0.0069	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Tetrachloroethane[1,1,2,2-]	0.0069	mg/kg	UJ
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Trichloroethane[1,1,2-]	0.0069	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Dichloroethane[1,1-]	0.0069	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Dichloroethene[1,1-]	0.0069	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Dichloropropene[1,1-]	0.0069	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Trichloropropane[1,2,3-]	0.0069	mg/kg	UJ
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Trimethylbenzene[1,2,4-]	0.0069	mg/kg	UJ
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Dibromo-3-chloropropane[1,2-]	0.014	mg/kg	UJ
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Dibromoethane[1,2-]	0.0069	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Dichlorobenzene[1,2-]	0.0069	mg/kg	UJ
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Dichloroethane[1,2-]	0.0069	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Dichloroethene[cis/trans-1,2-]	0.0069	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Dichloropropane[1,2-]	0.0069	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Trimethylbenzene[1,3,5-]	0.0069	mg/kg	UJ
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Dichlorobenzene[1,3-]	0.0069	mg/kg	UJ
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Dichloropropane[1,3-]	0.0069	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Dichlorobenzene[1,4-]	0.0069	mg/kg	UJ
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Dichloropropane[2,2-]	0.0069	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Butanone[2-]	0.014	mg/kg	J
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Chlorotoluene[2-]	0.0069	mg/kg	UJ
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Hexanone[2-]	0.028	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Chlorotoluene[4-]	0.0069	mg/kg	UJ
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Isopropyltoluene[4-]	0.0069	mg/kg	UJ
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Methyl-2-pentanone[4-]	0.028	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Acetone	0.035	mg/kg	J
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Benzene	0.0069	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Bromobenzene	0.0069	mg/kg	UJ
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Bromochloromethane	0.0069	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Bromodichloromethane	0.0069	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Bromoform	0.0069	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Bromomethane	0.014	mg/kg	UJ
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Carbon disulfide	0.0069	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Carbon tetrachloride	0.0069	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Chlorobenzene	0.0069	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Chlorodibromomethane	0.0069	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Chloroethane	0.014	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Chloroform	0.0069	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Chloromethane	0.014	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Dichloropropene[cis-1,3-]	0.0069	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Dibromomethane	0.0069	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Dichlorodifluoromethane	0.014	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Ethylbenzene	0.0069	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Iodomethane	0.0069	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Isopropylbenzene	0.0069	mg/kg	UJ
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Methylene chloride	0.0069	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Butylbenzene[n-]	0.0069	mg/kg	UJ
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Propylbenzene[1-]	0.0069	mg/kg	UJ
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Butylbenzene[sec-]	0.0069	mg/kg	UJ
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Styrene	0.0069	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Butylbenzene[tert-]	0.0069	mg/kg	UJ
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Tetrachloroethene	0.0069	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Toluene	0.0069	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Dichloropropene[trans-1,3-]	0.0069	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Trichloroethene	0.0069	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Trichlorofluoromethane	0.014	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Trichlorotrifluoroethane	0.0069	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Vinyl chloride	0.014	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Xylene (total)	0.0069	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Trichlorobenzene[1,2,4-]	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Dichlorobenzene[1,2-]	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Dichlorobenzene[1,3-]	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Dichlorobenzene[1,4-]	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Oxybis(1-chloropropane)[2,2'-]	0.34	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Trichlorophenol[2,4,5-]	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Trichlorophenol[2,4,6-]	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Dichlorophenol[2,4-]	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Dimethylphenol[2,4-]	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Dinitrophenol[2,4-]	1.7	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Dinitrotoluene[2,4-]	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Dinitrotoluene[2,6-]	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Chloronaphthalene[2-]	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Chlorophenol[2-]	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Methylnaphthalene[2-]	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Methylphenol[2-]	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Nitroaniline[2-]	1.7	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Nitrophenol[2-]	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Dichlorobenzidine[3,3'-]	1.7	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Nitroaniline[3-]	1.7	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Bromophenyl-phenylether[4-]	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Chloro-3-methylphenol[4-]	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Chloroaniline[4-]	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Chlorophenyl-phenyl[4-] ether	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Methylphenol[4-]	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Nitroaniline[4-]	1.7	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Nitrophenol[4-]	1.7	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Acenaphthene	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Acenaphthylene	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Aniline	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Anthracene	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Azobenzene	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Benzo(a)anthracene	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Benzo(a)pyrene	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Benzo(b)fluoranthene	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Benzo(g,h,i)perylene	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Benzo(k)fluoranthene	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Benzoic acid	1.7	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Benzyl alcohol	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Bis(2-chloroethoxy)methane	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Bis(2-chloroethyl)ether	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Bis(2-ethylhexyl)phthalate	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Butylbenzylphthalate	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Chrysene	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Di-n-butylphthalate	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Di-n-octylphthalate	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Dibenz(a,h)anthracene	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Dibenzofuran	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Diethylphthalate	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Dimethyl phthalate	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Fluoranthene	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Fluorene	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Hexachlorobenzene	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Hexachlorobutadiene	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Hexachlorocyclopentadiene	1.7	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Hexachloroethane	0.34	mg/kg	UJ
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Indeno(1,2,3-cd)pyrene	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Isophorone	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Nitroso-di-n-propylamine[N-]	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Nitrosodimethylamine[N-]	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Nitrosodiphenylamine[N-]	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Naphthalene	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Nitrobenzene	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Pentachlorophenol	1.7	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Phenanthrene	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Phenol	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Pyrene	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Thorium-228	1.4	pCi/g	None
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Thorium-230	0.93	pCi/g	None
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Thorium-232	1.41	pCi/g	None
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Americium-241	0.037	pCi/g	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Uranium-234	0.54	pCi/g	None
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Uranium-235	0.037	pCi/g	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Uranium-238	0.74	pCi/g	J+
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Plutonium-238	-7E-07	pCi/g	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Plutonium-239	0.008	pCi/g	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Strontium-90	-0.13	pCi/g	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Tritium	0.09	pCi/g	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Gross alpha	2.52	pCi/g	None
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Gross beta	1.87	pCi/g	None
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Cesium-134	-0.035	pCi/g	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Cesium-137	-0.032	pCi/g	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Cobalt-60	0.011	pCi/g	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Europium-152	0.36	pCi/g	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Ruthenium-106	0.1	pCi/g	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Silver	0.107	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Aluminum	500	mg/kg	None
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Arsenic	1.9	mg/kg	None
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Barium	11	mg/kg	None
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Beryllium	0.22	mg/kg	J
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Calcium	1700	mg/kg	None
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Cadmium	0.0333	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Cobalt	0.53	mg/kg	J
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Chromium	1.4	mg/kg	J
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Copper	2	mg/kg	None
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Iron	1900	mg/kg	None
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Mercury	0.0188	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Potassium	180	mg/kg	None
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Manganese	150	mg/kg	None
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Sodium	120	mg/kg	None
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Nickel	1.9	mg/kg	J
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Lead	3.6	mg/kg	None
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Selenium	0.308	mg/kg	None
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Thallium	0.0521	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Vanadium	1.5	mg/kg	None
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Zinc	16	mg/kg	None

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Silver	0.106	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Aluminum	390	mg/kg	None
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Arsenic	1.4	mg/kg	None
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Barium	4.4	mg/kg	None
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Beryllium	0.15	mg/kg	J
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Calcium	380	mg/kg	None
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Cadmium	0.033	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Cobalt	0.34	mg/kg	J
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Chromium	2.3	mg/kg	None
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Copper	6	mg/kg	None
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Iron	960	mg/kg	None
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Mercury	0.0186	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Potassium	270	mg/kg	None
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Magnesium	130	mg/kg	None
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Manganese	86	mg/kg	None
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Sodium	180	mg/kg	None
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Nickel	2.4	mg/kg	None
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Lead	3.5	mg/kg	None
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Antimony	0.206	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Selenium	0.756	mg/kg	None
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Thallium	0.103	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Vanadium	0.86	mg/kg	None
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Zinc	17	mg/kg	None
21-11193	MD21-01-0007	4.0–5.5	Qbt3	DDD[4,4'-]	0.0017	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	DDE[4,4'-]	0.0017	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	DDT[4,4'-]	0.0017	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Aldrin	0.0017	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	BHC[alpha-]	0.0017	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Chlordane[alpha-]	0.0017	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	BHC[beta-]	0.0017	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	BHC[delta-]	0.0017	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Dieldrin	0.0017	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Endosulfan I	0.0017	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Endosulfan II	0.0017	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Endosulfan sulfate	0.0017	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Endrin	0.0017	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Endrin aldehyde	0.0017	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Endrin ketone	0.0017	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	BHC[gamma-]	0.0017	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Chlordane[gamma-]	0.0017	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Heptachlor	0.0017	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Heptachlor epoxide	0.0017	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Methoxychlor[4,4'-]	0.0034	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Toxaphene (technical grade)	0.069	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Aroclor-1016	0.034	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Aroclor-1221	0.034	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Aroclor-1232	0.034	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Aroclor-1242	0.034	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Aroclor-1248	0.034	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Aroclor-1254	0.034	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Aroclor-1260	0.034	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Tetrachloroethane[1,1,1,2-]	0.0062	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Trichloroethane[1,1,1-]	0.0062	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Tetrachloroethane[1,1,2,2-]	0.0062	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Trichloroethane[1,1,2-]	0.0062	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Dichloroethane[1,1-]	0.0062	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Dichloroethene[1,1-]	0.0062	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Dichloropropene[1,1-]	0.0062	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Trichloropropane[1,2,3-]	0.0062	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Trimethylbenzene[1,2,4-]	0.0062	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Dibromo-3-chloropropane[1,2-]	0.012	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Dibromoethane[1,2-]	0.0062	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Dichlorobenzene[1,2-]	0.0062	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Dichloroethane[1,2-]	0.0062	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Dichloroethene[cis/trans-1,2-]	0.0062	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Dichloropropane[1,2-]	0.0062	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Trimethylbenzene[1,3,5-]	0.0062	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Dichlorobenzene[1,3-]	0.0062	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Dichloropropane[1,3-]	0.0062	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Dichlorobenzene[1,4-]	0.0062	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Dichloropropane[2,2-]	0.0062	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Butanone[2-]	0.0095	mg/kg	J
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Chlorotoluene[2-]	0.0062	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Hexanone[2-]	0.025	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Chlorotoluene[4-]	0.0062	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Isopropyltoluene[4-]	0.0062	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Methyl-2-pentanone[4-]	0.025	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Acetone	0.022	mg/kg	J
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Benzene	0.0062	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Bromobenzene	0.0062	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Bromochloromethane	0.0062	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Bromodichloromethane	0.0062	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Bromoform	0.0062	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Bromomethane	0.012	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Carbon disulfide	0.0062	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Carbon tetrachloride	0.0062	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Chlorobenzene	0.0062	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Chlorodibromomethane	0.0062	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Chloroethane	0.012	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Chloroform	0.0062	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Chloromethane	0.012	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Dichloropropene[cis-1,3-]	0.0062	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Dibromomethane	0.0062	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Dichlorodifluoromethane	0.012	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Ethylbenzene	0.0062	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Iodomethane	0.0062	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Isopropylbenzene	0.0062	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Methylene chloride	0.0062	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Butylbenzene[n-]	0.0062	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Propylbenzene[1-]	0.0062	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Butylbenzene[sec-]	0.0062	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Styrene	0.0062	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Butylbenzene[tert-]	0.0062	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Tetrachloroethene	0.0062	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Toluene	0.0062	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Dichloropropene[trans-1,3-]	0.0062	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Trichloroethene	0.0062	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Trichlorofluoromethane	0.0018	mg/kg	J
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Trichlorotrifluoroethane	0.0062	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Vinyl chloride	0.012	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Xylene (total)	0.0062	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Trichlorobenzene[1,2,4-]	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Dichlorobenzene[1,2-]	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Dichlorobenzene[1,3-]	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Dichlorobenzene[1,4-]	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Oxybis(1-chloropropane)[2,2'-]	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Trichlorophenol[2,4,5-]	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Trichlorophenol[2,4,6-]	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Dichlorophenol[2,4-]	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Dimethylphenol[2,4-]	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Dinitrophenol[2,4-]	1.6	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Dinitrotoluene[2,4-]	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Dinitrotoluene[2,6-]	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Chloronaphthalene[2-]	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Chlorophenol[2-]	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Methylnaphthalene[2-]	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Methylphenol[2-]	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Nitroaniline[2-]	1.6	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Nitrophenol[2-]	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Dichlorobenzidine[3,3'-]	1.6	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Nitroaniline[3-]	1.6	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Dinitro-2-methylphenol[4,6-]	1.6	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Bromophenyl-phenylether[4-]	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Chloro-3-methylphenol[4-]	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Chloroaniline[4-]	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Chlorophenyl-phenyl[4-] ether	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Methylphenol[4-]	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Nitroaniline[4-]	1.6	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Nitrophenol[4-]	1.6	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Acenaphthene	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Acenaphthylene	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Aniline	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Anthracene	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Azobenzene	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Benzo(a)anthracene	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Benzo(a)pyrene	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Benzo(b)fluoranthene	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Benzo(g,h,i)perylene	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Benzo(k)fluoranthene	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Benzoic acid	1.6	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Benzyl alcohol	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Bis(2-chloroethoxy)methane	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Bis(2-chloroethyl)ether	0.34	mg/kg	UJ

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Bis(2-ethylhexyl)phthalate	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Butylbenzylphthalate	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Chrysene	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Di-n-butylphthalate	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Di-n-octylphthalate	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Dibenz(a,h)anthracene	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Dibenzofuran	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Diethylphthalate	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Dimethyl phthalate	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Fluoranthene	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Fluorene	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Hexachlorobenzene	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Hexachlorobutadiene	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Hexachlorocyclopentadiene	1.6	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Hexachloroethane	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Indeno(1,2,3-cd)pyrene	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Isophorone	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Nitroso-di-n-propylamine[N-]	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Nitrosodimethylamine[N-]	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Nitrosodiphenylamine[N-]	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Naphthalene	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Nitrobenzene	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Pentachlorophenol	1.6	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Phenanthrene	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Phenol	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Pyrene	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Americium-241	0.0015	pCi/g	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Plutonium-238	0.00139	pCi/g	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Plutonium-239	-0.00035	pCi/g	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Strontium-90	-0.0143	pCi/g	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Gross alpha	22.6	pCi/g	J-
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Gross beta	56.2	pCi/g	None
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Cobalt-60	-0.0179	pCi/g	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Cesium-134	0.00641	pCi/g	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Cesium-137	0.000387	pCi/g	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Europium-152	-0.0656	pCi/g	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Tritium	0.076701	pCi/g	None
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Ruthenium-106	0.0367	pCi/g	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Thorium-228	1.73	pCi/g	None
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Thorium-230	0.852	pCi/g	None
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Thorium-232	1.36	pCi/g	None
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Uranium-234	0.845	pCi/g	None
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Uranium-235	0.0198	pCi/g	J+
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Uranium-238	0.883	pCi/g	None
21-11194	MD21-01-0008	0.83–1.33	FILL	Silver	0.23	mg/kg	J
21-11194	MD21-01-0008	0.83–1.33	FILL	Aluminum	5800	mg/kg	None
21-11194	MD21-01-0008	0.83–1.33	FILL	Arsenic	2.9	mg/kg	None
21-11194	MD21-01-0008	0.83–1.33	FILL	Barium	56	mg/kg	None
21-11194	MD21-01-0008	0.83–1.33	FILL	Beryllium	0.51	mg/kg	J
21-11194	MD21-01-0008	0.83–1.33	FILL	Calcium	7700	mg/kg	None
21-11194	MD21-01-0008	0.83–1.33	FILL	Cadmium	0.052	mg/kg	J

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11194	MD21-01-0008	0.83–1.33	FILL	Cobalt	1.7	mg/kg	None
21-11194	MD21-01-0008	0.83–1.33	FILL	Chromium	3.9	mg/kg	None
21-11194	MD21-01-0008	0.83–1.33	FILL	Copper	4	mg/kg	None
21-11194	MD21-01-0008	0.83–1.33	FILL	Iron	4400	mg/kg	None
21-11194	MD21-01-0008	0.83–1.33	FILL	Mercury	0.031	mg/kg	J
21-11194	MD21-01-0008	0.83–1.33	FILL	Potassium	790	mg/kg	None
21-11194	MD21-01-0008	0.83–1.33	FILL	Magnesium	960	mg/kg	None
21-11194	MD21-01-0008	0.83–1.33	FILL	Manganese	130	mg/kg	None
21-11194	MD21-01-0008	0.83–1.33	FILL	Sodium	81	mg/kg	None
21-11194	MD21-01-0008	0.83–1.33	FILL	Nickel	4.3	mg/kg	None
21-11194	MD21-01-0008	0.83–1.33	FILL	Lead	7.8	mg/kg	None
21-11194	MD21-01-0008	0.83–1.33	FILL	Antimony	0.238	mg/kg	UJ
21-11194	MD21-01-0008	0.83–1.33	FILL	Selenium	0.777	mg/kg	None
21-11194	MD21-01-0008	0.83–1.33	FILL	Thallium	0.146	mg/kg	J
21-11194	MD21-01-0008	0.83–1.33	FILL	Vanadium	6.9	mg/kg	None
21-11194	MD21-01-0008	0.83–1.33	FILL	Zinc	20	mg/kg	None
21-11194	MD21-01-0008	0.83–1.33	FILL	DDD[4,4'-]	0.002	mg/kg	UJ
21-11194	MD21-01-0008	0.83–1.33	FILL	DDE[4,4'-]	0.002	mg/kg	UJ
21-11194	MD21-01-0008	0.83–1.33	FILL	DDT[4,4'-]	0.002	mg/kg	UJ
21-11194	MD21-01-0008	0.83–1.33	FILL	Aldrin	0.002	mg/kg	UJ
21-11194	MD21-01-0008	0.83–1.33	FILL	BHC[alpha-]	0.002	mg/kg	UJ
21-11194	MD21-01-0008	0.83–1.33	FILL	Chlordane[alpha-]	0.002	mg/kg	UJ
21-11194	MD21-01-0008	0.83–1.33	FILL	BHC[beta-]	0.002	mg/kg	UJ
21-11194	MD21-01-0008	0.83–1.33	FILL	BHC[delta-]	0.002	mg/kg	UJ
21-11194	MD21-01-0008	0.83–1.33	FILL	Dieldrin	0.002	mg/kg	UJ
21-11194	MD21-01-0008	0.83–1.33	FILL	Endosulfan I	0.002	mg/kg	UJ
21-11194	MD21-01-0008	0.83–1.33	FILL	Endosulfan II	0.002	mg/kg	UJ
21-11194	MD21-01-0008	0.83–1.33	FILL	Endosulfan sulfate	0.002	mg/kg	UJ
21-11194	MD21-01-0008	0.83–1.33	FILL	Endrin	0.002	mg/kg	UJ
21-11194	MD21-01-0008	0.83–1.33	FILL	Endrin aldehyde	0.002	mg/kg	UJ
21-11194	MD21-01-0008	0.83–1.33	FILL	Endrin ketone	0.002	mg/kg	UJ
21-11194	MD21-01-0008	0.83–1.33	FILL	BHC[gamma-]	0.002	mg/kg	UJ
21-11194	MD21-01-0008	0.83–1.33	FILL	Chlordane[gamma-]	0.002	mg/kg	UJ
21-11194	MD21-01-0008	0.83–1.33	FILL	Heptachlor	0.002	mg/kg	UJ
21-11194	MD21-01-0008	0.83–1.33	FILL	Heptachlor epoxide	0.002	mg/kg	UJ
21-11194	MD21-01-0008	0.83–1.33	FILL	Methoxychlor[4,4'-]	0.0039	mg/kg	UJ
21-11194	MD21-01-0008	0.83–1.33	FILL	Toxaphene (technical grade)	0.079	mg/kg	UJ
21-11194	MD21-01-0008	0.83–1.33	FILL	Aroclor-1016	0.039	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Aroclor-1221	0.039	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Aroclor-1232	0.039	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Aroclor-1242	0.039	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Aroclor-1248	0.039	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Aroclor-1254	0.039	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Aroclor-1260	0.039	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Tetrachloroethane[1,1,1,2-]	0.0056	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Trichloroethane[1,1,1-]	0.0056	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Tetrachloroethane[1,1,2,2-]	0.0056	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Trichloroethane[1,1,2-]	0.0056	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Dichloroethane[1,1-]	0.0056	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Dichloroethene[1,1-]	0.0056	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Dichloropropene[1,1-]	0.0056	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11194	MD21-01-0008	0.83–1.33	FILL	Trichloropropane[1,2,3-]	0.0056	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Trimethylbenzene[1,2,4-]	0.0056	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Dibromo-3-chloropropane[1,2-]	0.011	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Dibromoethane[1,2-]	0.0056	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Dichlorobenzene[1,2-]	0.0056	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Dichloroethane[1,2-]	0.0056	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Dichloroethene[cis/trans-1,2-]	0.0056	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Dichloropropane[1,2-]	0.0056	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Trimethylbenzene[1,3,5-]	0.0056	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Dichlorobenzene[1,3-]	0.0056	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Dichloropropane[1,3-]	0.0056	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Dichlorobenzene[1,4-]	0.0056	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Dichloropropane[2,2-]	0.0056	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Butanone[2-]	0.023	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Chlorotoluene[2-]	0.0056	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Hexanone[2-]	0.023	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Chlorotoluene[4-]	0.0056	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Isopropyltoluene[4-]	0.0056	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Methyl-2-pentanone[4-]	0.023	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Acetone	0.023	mg/kg	UJ
21-11194	MD21-01-0008	0.83–1.33	FILL	Benzene	0.0056	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Bromobenzene	0.0056	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Bromochloromethane	0.0056	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Bromodichloromethane	0.0056	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Bromoform	0.0056	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Bromomethane	0.011	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Carbon disulfide	0.0056	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Carbon tetrachloride	0.0056	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Chlorobenzene	0.0056	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Chlorodibromomethane	0.0056	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Chloroethane	0.011	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Chloroform	0.0056	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Chloromethane	0.011	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Dichloropropene[cis-1,3-]	0.0056	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Dibromomethane	0.0056	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Dichlorodifluoromethane	0.011	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Ethylbenzene	0.0056	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Iodomethane	0.0056	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Isopropylbenzene	0.0056	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Methylene chloride	0.0056	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Butylbenzene[n-]	0.0056	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Propylbenzene[1-]	0.0056	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Butylbenzene[sec-]	0.0056	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Styrene	0.0056	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Butylbenzene[tert-]	0.0056	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Tetrachloroethene	0.0056	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Toluene	0.0056	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Dichloropropene[trans-1,3-]	0.0056	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Trichloroethene	0.0056	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Trichlorofluoromethane	0.011	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Trichlorotrifluoroethane	0.0056	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11194	MD21-01-0008	0.83–1.33	FILL	Vinyl chloride	0.011	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Xylene (total)	0.0056	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Trichlorobenzene[1,2,4-]	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Dichlorobenzene[1,2-]	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Dichlorobenzene[1,3-]	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Dichlorobenzene[1,4-]	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Oxybis(1-chloropropane)[2,2'-]	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Trichlorophenol[2,4,5-]	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Trichlorophenol[2,4,6-]	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Dichlorophenol[2,4-]	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Dimethylphenol[2,4-]	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Dinitrophenol[2,4-]	1.9	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Dinitrotoluene[2,4-]	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Dinitrotoluene[2,6-]	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Chloronaphthalene[2-]	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Chlorophenol[2-]	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Methylnaphthalene[2-]	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Methylphenol[2-]	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Nitroaniline[2-]	1.9	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Nitrophenol[2-]	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Dichlorobenzidine[3,3'-]	1.9	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Nitroaniline[3-]	1.9	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Dinitro-2-methylphenol[4,6-]	1.9	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Bromophenyl-phenylether[4-]	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Chloro-3-methylphenol[4-]	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Chloroaniline[4-]	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Chlorophenyl-phenyl[4-] ether	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Methylphenol[4-]	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Nitroaniline[4-]	1.9	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Nitrophenol[4-]	1.9	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Acenaphthene	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Acenaphthylene	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Aniline	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Anthracene	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Azobenzene	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Benzo(a)anthracene	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Benzo(a)pyrene	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Benzo(b)fluoranthene	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Benzo(g,h,i)perylene	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Benzo(k)fluoranthene	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Benzoic acid	1.9	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Benzyl alcohol	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Bis(2-chloroethoxy)methane	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Bis(2-chloroethyl)ether	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Bis(2-ethylhexyl)phthalate	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Butylbenzylphthalate	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Chrysene	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Di-n-butylphthalate	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Di-n-octylphthalate	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Dibenz(a,h)anthracene	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Dibenzofuran	0.39	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11194	MD21-01-0008	0.83–1.33	FILL	Diethylphthalate	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Dimethyl phthalate	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Fluoranthene	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Fluorene	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Hexachlorobenzene	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Hexachlorobutadiene	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Hexachlorocyclopentadiene	1.9	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Hexachloroethane	0.39	mg/kg	UJ
21-11194	MD21-01-0008	0.83–1.33	FILL	Indeno(1,2,3-cd)pyrene	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Isophorone	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Nitroso-di-n-propylamine[N-]	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Nitrosodimethylamine[N-]	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Nitrosodiphenylamine[N-]	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Naphthalene	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Nitrobenzene	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Pentachlorophenol	1.9	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Phenanthrene	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Phenol	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Pyrene	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Gross alpha	25.4	pCi/g	J-
21-11194	MD21-01-0008	0.83–1.33	FILL	Americium-241	0.00326	pCi/g	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Gross beta	42.4	pCi/g	None
21-11194	MD21-01-0008	0.83–1.33	FILL	Cobalt-60	-0.00858	pCi/g	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Cesium-134	0.00627	pCi/g	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Cesium-137	0.0216	pCi/g	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Europium-152	-0.0447	pCi/g	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Tritium	1.586667	pCi/g	None
21-11194	MD21-01-0008	0.83–1.33	FILL	Plutonium-238	-0.00041	pCi/g	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Plutonium-239	0.0362	pCi/g	None
21-11194	MD21-01-0008	0.83–1.33	FILL	Ruthenium-106	-0.169	pCi/g	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Strontium-90	0.188	pCi/g	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Thorium-228	1.91	pCi/g	None
21-11194	MD21-01-0008	0.83–1.33	FILL	Thorium-230	0.947	pCi/g	None
21-11194	MD21-01-0008	0.83–1.33	FILL	Thorium-232	1.49	pCi/g	None
21-11194	MD21-01-0008	0.83–1.33	FILL	Uranium-234	0.939	pCi/g	None
21-11194	MD21-01-0008	0.83–1.33	FILL	Uranium-235	0.0344	pCi/g	J+
21-11194	MD21-01-0008	0.83–1.33	FILL	Uranium-238	0.863	pCi/g	None
21-11194	MD21-01-0009	4.0–4.5	Qbt3	DDD[4,4'-]	0.0018	mg/kg	UJ
21-11194	MD21-01-0009	4.0–4.5	Qbt3	DDE[4,4'-]	0.0018	mg/kg	UJ
21-11194	MD21-01-0009	4.0–4.5	Qbt3	DDT[4,4'-]	0.0018	mg/kg	UJ
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Aldrin	0.0018	mg/kg	UJ
21-11194	MD21-01-0009	4.0–4.5	Qbt3	BHC[alpha-]	0.0018	mg/kg	UJ
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Chlordane[alpha-]	0.0018	mg/kg	UJ
21-11194	MD21-01-0009	4.0–4.5	Qbt3	BHC[beta-]	0.0018	mg/kg	UJ
21-11194	MD21-01-0009	4.0–4.5	Qbt3	BHC[delta-]	0.0018	mg/kg	UJ
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Dieldrin	0.0018	mg/kg	UJ
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Endosulfan I	0.0018	mg/kg	UJ
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Endosulfan II	0.0018	mg/kg	UJ
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Endosulfan sulfate	0.0018	mg/kg	UJ
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Endrin	0.0018	mg/kg	UJ
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Endrin aldehyde	0.0018	mg/kg	UJ

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Endrin ketone	0.0018	mg/kg	UJ
21-11194	MD21-01-0009	4.0–4.5	Qbt3	BHC[gamma-]	0.0018	mg/kg	UJ
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Chlordane[gamma-]	0.0018	mg/kg	UJ
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Heptachlor	0.0018	mg/kg	UJ
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Heptachlor epoxide	0.0018	mg/kg	UJ
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Methoxychlor[4,4'-]	0.0035	mg/kg	UJ
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Toxaphene (technical grade)	0.071	mg/kg	UJ
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Aroclor-1016	0.035	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Aroclor-1221	0.035	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Aroclor-1232	0.035	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Aroclor-1242	0.035	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Aroclor-1248	0.035	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Aroclor-1254	0.035	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Aroclor-1260	0.035	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Silver	0.108	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Aluminum	670	mg/kg	None
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Arsenic	1.8	mg/kg	None
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Barium	7.7	mg/kg	None
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Beryllium	0.15	mg/kg	J
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Calcium	590	mg/kg	None
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Cadmium	0.0337	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Cobalt	0.34	mg/kg	J
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Chromium	7.7	mg/kg	None
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Copper	1.9	mg/kg	None
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Iron	1300	mg/kg	None
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Mercury	0.0189	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Potassium	220	mg/kg	None
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Magnesium	140	mg/kg	None
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Manganese	89	mg/kg	None
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Sodium	120	mg/kg	None
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Nickel	4.2	mg/kg	None
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Lead	3.5	mg/kg	None
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Antimony	0.211	mg/kg	UJ
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Selenium	0.7	mg/kg	None
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Thallium	0.105	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Vanadium	1.4	mg/kg	None
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Zinc	11	mg/kg	None
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Tetrachloroethane[1,1,1,2-]	0.0065	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Trichloroethane[1,1,1-]	0.0065	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Tetrachloroethane[1,1,2,2-]	0.0065	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Trichloroethane[1,1,2-]	0.0065	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Dichloroethane[1,1-]	0.0065	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Dichloroethene[1,1-]	0.0065	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Dichloropropene[1,1-]	0.0065	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Trichloropropane[1,2,3-]	0.0065	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Trimethylbenzene[1,2,4-]	0.0065	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Dibromo-3-chloropropane[1,2-]	0.013	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Dibromoethane[1,2-]	0.0065	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Dichlorobenzene[1,2-]	0.0065	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Dichloroethane[1,2-]	0.0065	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Dichloroethene[cis/trans-1,2-]	0.0065	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Dichloropropane[1,2-]	0.0065	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Trimethylbenzene[1,3,5-]	0.0065	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Dichlorobenzene[1,3-]	0.0065	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Dichloropropane[1,3-]	0.0065	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Dichlorobenzene[1,4-]	0.0065	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Dichloropropane[2,2-]	0.0065	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Butanone[2-]	0.011	mg/kg	J
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Chlorotoluene[2-]	0.0065	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Hexanone[2-]	0.026	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Chlorotoluene[4-]	0.0065	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Isopropyltoluene[4-]	0.0065	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Methyl-2-pentanone[4-]	0.026	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Acetone	0.024	mg/kg	J
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Benzene	0.0065	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Bromobenzene	0.0065	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Bromochloromethane	0.0065	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Bromodichloromethane	0.0065	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Bromoform	0.0065	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Bromomethane	0.013	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Carbon disulfide	0.0065	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Carbon tetrachloride	0.0065	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Chlorobenzene	0.0065	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Chlorodibromomethane	0.0065	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Chloroethane	0.013	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Chloroform	0.0065	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Chloromethane	0.013	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Dichloropropene[cis-1,3-]	0.0065	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Dibromomethane	0.0065	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Dichlorodifluoromethane	0.013	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Ethylbenzene	0.0065	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Iodomethane	0.0065	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Isopropylbenzene	0.0065	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Methylene chloride	0.0065	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Butylbenzene[n-]	0.0065	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Propylbenzene[1-]	0.0065	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Butylbenzene[sec-]	0.0065	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Styrene	0.0065	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Butylbenzene[tert-]	0.0065	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Tetrachloroethene	0.0065	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Toluene	0.0065	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Dichloropropene[trans-1,3-]	0.0065	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Trichloroethene	0.0065	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Trichlorofluoromethane	0.0016	mg/kg	J
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Trichlorotrifluoroethane	0.0065	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Vinyl chloride	0.013	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Xylene (total)	0.0065	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Trichlorobenzene[1,2,4-]	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Dichlorobenzene[1,2-]	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Dichlorobenzene[1,3-]	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Dichlorobenzene[1,4-]	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Trichlorophenol[2,4,5-]	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Trichlorophenol[2,4,6-]	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Dichlorophenol[2,4-]	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Dimethylphenol[2,4-]	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Dinitrophenol[2,4-]	1.7	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Dinitrotoluene[2,4-]	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Dinitrotoluene[2,6-]	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Chloronaphthalene[2-]	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Chlorophenol[2-]	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Methylnaphthalene[2-]	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Methylphenol[2-]	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Nitroaniline[2-]	1.7	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Nitrophenol[2-]	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Dichlorobenzidine[3,3'-]	1.7	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Nitroaniline[3-]	1.7	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Bromophenyl-phenylether[4-]	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Chloro-3-methylphenol[4-]	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Chloroaniline[4-]	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Chlorophenyl-phenyl[4-] ether	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Methylphenol[4-]	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Nitroaniline[4-]	1.7	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Nitrophenol[4-]	1.7	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Acenaphthene	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Acenaphthylene	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Aniline	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Anthracene	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Azobenzene	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Benzo(a)anthracene	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Benzo(a)pyrene	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Benzo(b)fluoranthene	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Benzo(g,h,i)perylene	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Benzo(k)fluoranthene	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Benzoic acid	1.7	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Benzyl alcohol	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Bis(2-chloroethoxy)methane	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Bis(2-chloroethyl)ether	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Bis(2-ethylhexyl)phthalate	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Butylbenzylphthalate	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Chrysene	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Di-n-butylphthalate	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Di-n-octylphthalate	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Dibenz(a,h)anthracene	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Dibenzofuran	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Diethylphthalate	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Dimethyl phthalate	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Fluoranthene	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Fluorene	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Hexachlorobenzene	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Hexachlorobutadiene	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Hexachlorocyclopentadiene	1.7	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Hexachloroethane	0.35	mg/kg	UJ
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Isophorone	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Nitrosodimethylamine[N-]	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Nitrosodiphenylamine[N-]	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Naphthalene	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Nitrobenzene	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Pentachlorophenol	1.7	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Phenanthrene	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Phenol	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Pyrene	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Thorium-228	1.74	pCi/g	None
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Thorium-230	0.904	pCi/g	None
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Thorium-232	1.54	pCi/g	None
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Uranium-234	0.935	pCi/g	None
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Uranium-235	0.0335	pCi/g	J+
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Uranium-238	0.889	pCi/g	None
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Gross alpha	22.7	pCi/g	J-
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Americium-241	0.00188	pCi/g	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Gross beta	54.2	pCi/g	None
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Cobalt-60	0.0167	pCi/g	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Cesium-134	0.0231	pCi/g	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Cesium-137	-0.00881	pCi/g	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Europium-152	0.0119	pCi/g	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Tritium	0.347895	pCi/g	None
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Plutonium-238	-0.00032	pCi/g	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Plutonium-239	0.00795	pCi/g	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Ruthenium-106	-0.117	pCi/g	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Strontium-90	0.304	pCi/g	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Silver	0.13	mg/kg	J
21-11195	MD21-01-0011	2.67–4.0	FILL	Aluminum	10000	mg/kg	J
21-11195	MD21-01-0011	2.67–4.0	FILL	Arsenic	3.8	mg/kg	None
21-11195	MD21-01-0011	2.67–4.0	FILL	Barium	90	mg/kg	None
21-11195	MD21-01-0011	2.67–4.0	FILL	Beryllium	0.88	mg/kg	None
21-11195	MD21-01-0011	2.67–4.0	FILL	Calcium	3000	mg/kg	None
21-11195	MD21-01-0011	2.67–4.0	FILL	Cadmium	0.0381	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Cobalt	3	mg/kg	None
21-11195	MD21-01-0011	2.67–4.0	FILL	Chromium	6.3	mg/kg	J
21-11195	MD21-01-0011	2.67–4.0	FILL	Copper	4.8	mg/kg	J
21-11195	MD21-01-0011	2.67–4.0	FILL	Iron	7800	mg/kg	J
21-11195	MD21-01-0011	2.67–4.0	FILL	Mercury	0.093	mg/kg	J
21-11195	MD21-01-0011	2.67–4.0	FILL	Potassium	1200	mg/kg	J
21-11195	MD21-01-0011	2.67–4.0	FILL	Magnesium	1500	mg/kg	None
21-11195	MD21-01-0011	2.67–4.0	FILL	Sodium	440	mg/kg	J
21-11195	MD21-01-0011	2.67–4.0	FILL	Nickel	7.1	mg/kg	None
21-11195	MD21-01-0011	2.67–4.0	FILL	Lead	11	mg/kg	None
21-11195	MD21-01-0011	2.67–4.0	FILL	Selenium	0.326	mg/kg	J
21-11195	MD21-01-0011	2.67–4.0	FILL	Thallium	0.119	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Vanadium	12	mg/kg	None
21-11195	MD21-01-0011	2.67–4.0	FILL	Zinc	29	mg/kg	None

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11195	MD21-01-0011	2.67–4.0	FILL	DDD[4,4'-]	0.002	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	DDE[4,4'-]	0.002	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	DDT[4,4'-]	0.002	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Aldrin	0.002	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	BHC[alpha-]	0.002	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Chlordane[alpha-]	0.002	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	BHC[beta-]	0.002	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	BHC[delta-]	0.002	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Dieldrin	0.002	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Endosulfan I	0.002	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Endosulfan II	0.002	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Endosulfan sulfate	0.002	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Endrin	0.002	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Endrin aldehyde	0.002	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Endrin ketone	0.002	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	BHC[gamma-]	0.002	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Chlordane[gamma-]	0.002	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Heptachlor	0.002	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Heptachlor epoxide	0.002	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Methoxychlor[4,4'-]	0.0039	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Toxaphene (technical grade)	0.08	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Aroclor-1016	0.039	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Aroclor-1221	0.039	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Aroclor-1232	0.039	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Aroclor-1242	0.039	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Aroclor-1248	0.039	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Aroclor-1254	0.039	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Aroclor-1260	0.039	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Tetrachloroethane[1,1,1,2-]	0.0065	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Trichloroethane[1,1,1-]	0.0065	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Tetrachloroethane[1,1,2,2-]	0.0065	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Trichloroethane[1,1,2-]	0.0065	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Dichloroethane[1,1-]	0.0065	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Dichloroethene[1,1-]	0.0065	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Dichloropropene[1,1-]	0.0065	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Trichloropropane[1,2,3-]	0.0065	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Trimethylbenzene[1,2,4-]	0.0065	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Dibromo-3-chloropropane[1,2-]	0.013	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Dibromoethane[1,2-]	0.0065	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Dichlorobenzene[1,2-]	0.0065	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Dichloroethane[1,2-]	0.0065	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Dichloroethene[cis/trans-1,2-]	0.0065	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Dichloropropane[1,2-]	0.0065	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Trimethylbenzene[1,3,5-]	0.0065	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Dichlorobenzene[1,3-]	0.0065	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Dichloropropane[1,3-]	0.0065	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Dichlorobenzene[1,4-]	0.0065	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Dichloropropane[2,2-]	0.0065	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Butanone[2-]	0.026	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Chlorotoluene[2-]	0.0065	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Hexanone[2-]	0.026	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11195	MD21-01-0011	2.67–4.0	FILL	Chlorotoluene[4-]	0.0065	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Isopropyltoluene[4-]	0.0065	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Methyl-2-pentanone[4-]	0.026	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Acetone	0.014	mg/kg	J
21-11195	MD21-01-0011	2.67–4.0	FILL	Benzene	0.0065	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Bromobenzene	0.0065	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Bromochloromethane	0.0065	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Bromodichloromethane	0.0065	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Bromoform	0.0065	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Bromomethane	0.0034	mg/kg	J
21-11195	MD21-01-0011	2.67–4.0	FILL	Carbon disulfide	0.0065	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Carbon tetrachloride	0.0065	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Chlorobenzene	0.0065	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Chlorodibromomethane	0.0065	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Chloroethane	0.013	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Chloroform	0.0065	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Chloromethane	0.013	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Dichloropropene[cis-1,3-]	0.0065	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Dibromomethane	0.0065	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Dichlorodifluoromethane	0.013	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Ethylbenzene	0.0065	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Iodomethane	0.0065	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Isopropylbenzene	0.0065	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Methylene chloride	0.0065	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Butylbenzene[n-]	0.0065	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Propylbenzene[1-]	0.0065	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Butylbenzene[sec-]	0.0065	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Styrene	0.0065	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Butylbenzene[tert-]	0.0065	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Tetrachloroethene	0.0065	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Toluene	0.0065	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Dichloropropene[trans-1,3-]	0.0065	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Trichloroethene	0.0065	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Trichlorofluoromethane	0.013	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Trichlorotrifluoroethane	0.0065	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Vinyl chloride	0.013	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Xylene (total)	0.0065	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Trichlorobenzene[1,2,4-]	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Dichlorobenzene[1,2-]	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Dichlorobenzene[1,3-]	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Dichlorobenzene[1,4-]	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Oxybis(1-chloropropane)[2,2'-]	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Trichlorophenol[2,4,5-]	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Trichlorophenol[2,4,6-]	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Dichlorophenol[2,4-]	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Dimethylphenol[2,4-]	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Dinitrophenol[2,4-]	1.9	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Dinitrotoluene[2,4-]	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Dinitrotoluene[2,6-]	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Chloronaphthalene[2-]	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Chlorophenol[2-]	0.39	mg/kg	UJ

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11195	MD21-01-0011	2.67–4.0	FILL	Methylnaphthalene[2-]	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Methylphenol[2-]	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Nitroaniline[2-]	1.9	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Nitrophenol[2-]	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Dichlorobenzidine[3,3'-]	1.9	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Nitroaniline[3-]	1.9	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Dinitro-2-methylphenol[4,6-]	1.9	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Bromophenyl-phenylether[4-]	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Chloro-3-methylphenol[4-]	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Chloroaniline[4-]	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Chlorophenyl-phenyl[4-] ether	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Methylphenol[4-]	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Nitroaniline[4-]	1.9	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Nitrophenol[4-]	1.9	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Acenaphthene	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Acenaphthylene	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Aniline	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Anthracene	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Azobenzene	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Benzo(a)anthracene	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Benzo(a)pyrene	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Benzo(b)fluoranthene	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Benzo(g,h,i)perylene	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Benzo(k)fluoranthene	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Benzoic acid	1.9	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Benzyl alcohol	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Bis(2-chloroethoxy)methane	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Bis(2-chloroethyl)ether	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Bis(2-ethylhexyl)phthalate	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Butylbenzylphthalate	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Chrysene	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Di-n-butylphthalate	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Di-n-octylphthalate	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Dibenz(a,h)anthracene	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Dibenzofuran	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Diethylphthalate	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Dimethyl phthalate	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Fluoranthene	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Fluorene	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Hexachlorobenzene	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Hexachlorobutadiene	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Hexachlorocyclopentadiene	1.9	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Hexachloroethane	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Indeno(1,2,3-cd)pyrene	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Isophorone	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Nitroso-di-n-propylamine[N-]	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Nitrosodimethylamine[N-]	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Nitrosodiphenylamine[N-]	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Naphthalene	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Nitrobenzene	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Pentachlorophenol	1.9	mg/kg	UJ

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11195	MD21-01-0011	2.67–4.0	FILL	Phenanthrene	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Phenol	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Pyrene	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Gross alpha	34.9	pCi/g	None
21-11195	MD21-01-0011	2.67–4.0	FILL	Americium-241	0.00164	pCi/g	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Gross beta	49.5	pCi/g	None
21-11195	MD21-01-0011	2.67–4.0	FILL	Cobalt-60	0.0158	pCi/g	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Cesium-134	0.0174	pCi/g	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Cesium-137	-0.0239	pCi/g	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Europium-152	-0.0602	pCi/g	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Tritium	147.0476	pCi/g	None
21-11195	MD21-01-0011	2.67–4.0	FILL	Plutonium-238	0	pCi/g	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Plutonium-239	0.00415	pCi/g	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Ruthenium-106	0.156	pCi/g	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Strontium-90	0.174	pCi/g	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Thorium-228	2.05	pCi/g	None
21-11195	MD21-01-0011	2.67–4.0	FILL	Thorium-230	1.3	pCi/g	None
21-11195	MD21-01-0011	2.67–4.0	FILL	Thorium-232	2.01	pCi/g	None
21-11195	MD21-01-0011	2.67–4.0	FILL	Uranium-234	1.19	pCi/g	None
21-11195	MD21-01-0011	2.67–4.0	FILL	Uranium-235	0.0372	pCi/g	J+
21-11195	MD21-01-0011	2.67–4.0	FILL	Uranium-238	0.971	pCi/g	None
21-11195	MD21-01-0012	5.67–6.67	FILL	Silver	0.123	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Aluminum	13000	mg/kg	J
21-11195	MD21-01-0012	5.67–6.67	FILL	Arsenic	4	mg/kg	None
21-11195	MD21-01-0012	5.67–6.67	FILL	Barium	79	mg/kg	None
21-11195	MD21-01-0012	5.67–6.67	FILL	Beryllium	1.1	mg/kg	None
21-11195	MD21-01-0012	5.67–6.67	FILL	Calcium	4400	mg/kg	None
21-11195	MD21-01-0012	5.67–6.67	FILL	Cadmium	0.0381	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Cobalt	3.4	mg/kg	None
21-11195	MD21-01-0012	5.67–6.67	FILL	Chromium	10	mg/kg	J
21-11195	MD21-01-0012	5.67–6.67	FILL	Copper	6	mg/kg	J
21-11195	MD21-01-0012	5.67–6.67	FILL	Iron	9300	mg/kg	J
21-11195	MD21-01-0012	5.67–6.67	FILL	Mercury	0.0214	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Potassium	1900	mg/kg	J
21-11195	MD21-01-0012	5.67–6.67	FILL	Magnesium	2300	mg/kg	None
21-11195	MD21-01-0012	5.67–6.67	FILL	Sodium	800	mg/kg	None
21-11195	MD21-01-0012	5.67–6.67	FILL	Nickel	9.8	mg/kg	None
21-11195	MD21-01-0012	5.67–6.67	FILL	Lead	14	mg/kg	None
21-11195	MD21-01-0012	5.67–6.67	FILL	Selenium	0.357	mg/kg	J
21-11195	MD21-01-0012	5.67–6.67	FILL	Thallium	0.119	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Vanadium	12	mg/kg	None
21-11195	MD21-01-0012	5.67–6.67	FILL	Zinc	31	mg/kg	None
21-11195	MD21-01-0012	5.67–6.67	FILL	DDD[4,4'-]	0.002	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	DDE[4,4'-]	0.002	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	DDT[4,4'-]	0.002	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Aldrin	0.002	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	BHC[alpha-]	0.002	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Chlordane[alpha-]	0.002	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	BHC[beta-]	0.002	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	BHC[delta-]	0.002	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Dieldrin	0.002	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11195	MD21-01-0012	5.67–6.67	FILL	Endosulfan I	0.002	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Endosulfan II	0.002	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Endosulfan sulfate	0.002	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Endrin	0.002	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Endrin aldehyde	0.002	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Endrin ketone	0.002	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	BHC[gamma-]	0.002	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Chlordane[gamma-]	0.002	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Heptachlor	0.002	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Heptachlor epoxide	0.002	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Methoxychlor[4,4'-]	0.0039	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Toxaphene (technical grade)	0.079	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Aroclor-1016	0.039	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Aroclor-1221	0.039	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Aroclor-1232	0.039	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Aroclor-1242	0.039	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Aroclor-1248	0.039	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Aroclor-1254	0.039	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Aroclor-1260	0.039	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Tetrachloroethane[1,1,1,2-]	0.0059	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Trichloroethane[1,1,1-]	0.0059	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Tetrachloroethane[1,1,2,2-]	0.0059	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Trichloroethane[1,1,2-]	0.0059	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Dichloroethane[1,1-]	0.0059	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Dichloroethene[1,1-]	0.0059	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Dichloropropene[1,1-]	0.0059	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Trichloropropane[1,2,3-]	0.0059	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Trimethylbenzene[1,2,4-]	0.0059	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Dibromo-3-chloropropane[1,2-]	0.012	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Dibromoethane[1,2-]	0.0059	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Dichlorobenzene[1,2-]	0.0059	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Dichloroethane[1,2-]	0.0059	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Dichloroethene[cis/trans-1,2-]	0.0059	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Dichloropropane[1,2-]	0.0059	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Trimethylbenzene[1,3,5-]	0.0059	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Dichlorobenzene[1,3-]	0.0059	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Dichloropropane[1,3-]	0.0059	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Dichlorobenzene[1,4-]	0.0059	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Dichloropropane[2,2-]	0.0059	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Butanone[2-]	0.024	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Chlorotoluene[2-]	0.0059	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Hexanone[2-]	0.024	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Chlorotoluene[4-]	0.0059	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Isopropyltoluene[4-]	0.0059	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Methyl-2-pentanone[4-]	0.024	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Acetone	0.02	mg/kg	J
21-11195	MD21-01-0012	5.67–6.67	FILL	Benzene	0.0059	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Bromobenzene	0.0059	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Bromochloromethane	0.0059	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Bromodichloromethane	0.0059	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Bromoform	0.0059	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11195	MD21-01-0012	5.67–6.67	FILL	Bromomethane	0.012	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Carbon disulfide	0.0059	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Carbon tetrachloride	0.0059	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Chlorobenzene	0.0059	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Chlorodibromomethane	0.0059	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Chloroethane	0.012	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Chloroform	0.0059	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Chloromethane	0.012	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Dichloropropene[cis-1,3-]	0.0059	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Dibromomethane	0.0059	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Dichlorodifluoromethane	0.012	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Ethylbenzene	0.0059	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Iodomethane	0.0059	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Isopropylbenzene	0.0059	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Methylene chloride	0.0059	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Butylbenzene[n-]	0.0059	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Propylbenzene[1-]	0.0059	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Butylbenzene[sec-]	0.0059	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Styrene	0.0059	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Butylbenzene[tert-]	0.0059	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Tetrachloroethene	0.0059	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Toluene	0.0059	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Dichloropropene[trans-1,3-]	0.0059	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Trichloroethene	0.0059	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Trichlorofluoromethane	0.012	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Trichlorotrifluoroethane	0.0059	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Vinyl chloride	0.012	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Xylene (total)	0.0059	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Trichlorobenzene[1,2,4-]	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Dichlorobenzene[1,2-]	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Dichlorobenzene[1,3-]	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Dichlorobenzene[1,4-]	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Oxybis(1-chloropropane)[2,2'-]	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Trichlorophenol[2,4,5-]	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Trichlorophenol[2,4,6-]	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Dichlorophenol[2,4-]	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Dimethylphenol[2,4-]	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Dinitrophenol[2,4-]	1.9	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Dinitrotoluene[2,4-]	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Dinitrotoluene[2,6-]	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Chloronaphthalene[2-]	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Chlorophenol[2-]	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Methylnaphthalene[2-]	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Methylphenol[2-]	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Nitroaniline[2-]	1.9	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Nitrophenol[2-]	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Dichlorobenzidine[3,3'-]	1.9	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Nitroaniline[3-]	1.9	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Dinitro-2-methylphenol[4,6-]	1.9	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Bromophenyl-phenylether[4-]	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Chloro-3-methylphenol[4-]	0.39	mg/kg	UJ

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11195	MD21-01-0012	5.67–6.67	FILL	Chloroaniline[4-]	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Chlorophenyl-phenyl[4-] ether	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Methylphenol[4-]	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Nitroaniline[4-]	1.9	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Nitrophenol[4-]	1.9	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Acenaphthene	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Acenaphthylene	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Aniline	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Anthracene	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Azobenzene	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Benzo(a)anthracene	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Benzo(a)pyrene	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Benzo(b)fluoranthene	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Benzo(g,h,i)perylene	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Benzo(k)fluoranthene	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Benzoic acid	1.9	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Benzyl alcohol	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Bis(2-chloroethoxy)methane	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Bis(2-chloroethyl)ether	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Bis(2-ethylhexyl)phthalate	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Butylbenzylphthalate	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Chrysene	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Di-n-butylphthalate	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Di-n-octylphthalate	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Dibenz(a,h)anthracene	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Dibenzofuran	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Diethylphthalate	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Dimethyl phthalate	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Fluoranthene	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Fluorene	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Hexachlorobenzene	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Hexachlorobutadiene	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Hexachlorocyclopentadiene	1.9	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Hexachloroethane	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Indeno(1,2,3-cd)pyrene	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Isophorone	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Nitroso-di-n-propylamine[N-]	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Nitrosodimethylamine[N-]	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Nitrosodiphenylamine[N-]	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Naphthalene	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Nitrobenzene	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Pentachlorophenol	1.9	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Phenanthrene	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Phenol	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Pyrene	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Gross alpha	25.2	pCi/g	None
21-11195	MD21-01-0012	5.67–6.67	FILL	Americium-241	0	pCi/g	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Gross beta	47.4	pCi/g	None
21-11195	MD21-01-0012	5.67–6.67	FILL	Cobalt-60	0.0334	pCi/g	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Cesium-134	0.00975	pCi/g	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Cesium-137	-0.0192	pCi/g	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11195	MD21-01-0012	5.67–6.67	FILL	Europium-152	-0.0956	pCi/g	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Tritium	186.4762	pCi/g	None
21-11195	MD21-01-0012	5.67–6.67	FILL	Plutonium-238	-0.00035	pCi/g	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Plutonium-239	0.00631	pCi/g	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Ruthenium-106	-0.0962	pCi/g	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Strontium-90	0.0994	pCi/g	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Thorium-228	2.17	pCi/g	None
21-11195	MD21-01-0012	5.67–6.67	FILL	Thorium-230	1.43	pCi/g	None
21-11195	MD21-01-0012	5.67–6.67	FILL	Thorium-232	1.93	pCi/g	None
21-11195	MD21-01-0012	5.67–6.67	FILL	Uranium-234	0.815	pCi/g	None
21-11195	MD21-01-0012	5.67–6.67	FILL	Uranium-235	0.0333	pCi/g	J+
21-11195	MD21-01-0012	5.67–6.67	FILL	Uranium-238	0.816	pCi/g	None
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Silver	0.51	mg/kg	J
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Aluminum	6600	mg/kg	J
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Arsenic	2.6	mg/kg	None
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Barium	58	mg/kg	None
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Beryllium	0.57	mg/kg	J
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Calcium	3600	mg/kg	None
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Cadmium	0.071	mg/kg	J
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Cobalt	2	mg/kg	None
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Chromium	4.3	mg/kg	J
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Copper	4.2	mg/kg	J
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Iron	5500	mg/kg	J
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Mercury	0.25	mg/kg	None
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Potassium	850	mg/kg	J
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Magnesium	1100	mg/kg	None
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Sodium	140	mg/kg	J
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Nickel	4.6	mg/kg	None
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Lead	11	mg/kg	None
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Selenium	0.327	mg/kg	J
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Thallium	0.12	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Vanadium	6.9	mg/kg	None
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Zinc	30	mg/kg	None
21-11196	MD21-01-0013	3.0–3.5	Qbt3	DDD[4,4'-]	0.002	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	DDE[4,4'-]	0.002	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	DDT[4,4'-]	0.002	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Aldrin	0.002	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	BHC[alpha-]	0.002	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Chlordane[alpha-]	0.002	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	BHC[beta-]	0.002	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	BHC[delta-]	0.002	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Dieldrin	0.002	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Endosulfan I	0.002	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Endosulfan II	0.002	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Endosulfan sulfate	0.002	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Endrin	0.002	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Endrin aldehyde	0.002	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Endrin ketone	0.002	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	BHC[gamma-]	0.002	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Chlordane[gamma-]	0.002	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Heptachlor	0.002	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Heptachlor epoxide	0.002	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Methoxychlor[4,4'-]	0.0039	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Toxaphene (technical grade)	0.08	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Aroclor-1016	0.039	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Aroclor-1221	0.039	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Aroclor-1232	0.039	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Aroclor-1242	0.039	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Aroclor-1248	0.039	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Aroclor-1254	0.039	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Aroclor-1260	0.039	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Tetrachloroethane[1,1,1,2-]	0.0068	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Trichloroethane[1,1,1-]	0.0068	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Tetrachloroethane[1,1,2,2-]	0.0068	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Trichloroethane[1,1,2-]	0.0068	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Dichloroethane[1,1-]	0.0068	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Dichloroethene[1,1-]	0.0068	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Dichloropropene[1,1-]	0.0068	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Trichloropropane[1,2,3-]	0.0068	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Trimethylbenzene[1,2,4-]	0.0068	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Dibromo-3-chloropropane[1,2-]	0.014	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Dibromoethane[1,2-]	0.0068	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Dichlorobenzene[1,2-]	0.0068	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Dichloroethane[1,2-]	0.0068	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Dichloroethene[cis/trans-1,2-]	0.0068	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Dichloropropane[1,2-]	0.0068	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Trimethylbenzene[1,3,5-]	0.0068	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Dichlorobenzene[1,3-]	0.0068	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Dichloropropane[1,3-]	0.0068	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Dichlorobenzene[1,4-]	0.0068	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Dichloropropane[2,2-]	0.0068	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Butanone[2-]	0.0042	mg/kg	J
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Chlorotoluene[2-]	0.0068	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Hexanone[2-]	0.027	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Chlorotoluene[4-]	0.0068	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Isopropyltoluene[4-]	0.0068	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Methyl-2-pentanone[4-]	0.027	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Acetone	0.022	mg/kg	J
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Benzene	0.0068	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Bromobenzene	0.0068	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Bromochloromethane	0.0068	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Bromodichloromethane	0.0068	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Bromoform	0.0068	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Bromomethane	0.014	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Carbon disulfide	0.0068	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Carbon tetrachloride	0.0068	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Chlorobenzene	0.0068	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Chlorodibromomethane	0.0068	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Chloroethane	0.014	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Chloroform	0.0068	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Chloromethane	0.014	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Dichloropropene[cis-1,3-]	0.0068	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Dibromomethane	0.0068	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Dichlorodifluoromethane	0.014	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Ethylbenzene	0.0068	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Iodomethane	0.0068	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Isopropylbenzene	0.0068	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Methylene chloride	0.0068	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Butylbenzene[n-]	0.0068	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Propylbenzene[1-]	0.0068	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Butylbenzene[sec-]	0.0068	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Styrene	0.0068	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Butylbenzene[tert-]	0.0068	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Tetrachloroethene	0.0068	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Toluene	0.0068	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Dichloropropene[trans-1,3-]	0.0068	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Trichloroethene	0.0068	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Trichlorofluoromethane	0.014	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Trichlorotrifluoroethane	0.0068	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Vinyl chloride	0.014	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Xylene (total)	0.0068	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Trichlorobenzene[1,2,4-]	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Dichlorobenzene[1,2-]	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Dichlorobenzene[1,3-]	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Dichlorobenzene[1,4-]	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Oxybis(1-chloropropane)[2,2'-]	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Trichlorophenol[2,4,5-]	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Trichlorophenol[2,4,6-]	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Dichlorophenol[2,4-]	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Dimethylphenol[2,4-]	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Dinitrophenol[2,4-]	1.9	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Dinitrotoluene[2,4-]	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Dinitrotoluene[2,6-]	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Chloronaphthalene[2-]	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Chlorophenol[2-]	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Methylnaphthalene[2-]	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Methylphenol[2-]	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Nitroaniline[2-]	1.9	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Nitrophenol[2-]	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Dichlorobenzidine[3,3'-]	1.9	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Nitroaniline[3-]	1.9	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Dinitro-2-methylphenol[4,6-]	1.9	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Bromophenyl-phenylether[4-]	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Chloro-3-methylphenol[4-]	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Chloroaniline[4-]	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Chlorophenyl-phenyl[4-] ether	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Methylphenol[4-]	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Nitroaniline[4-]	1.9	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Nitrophenol[4-]	1.9	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Acenaphthene	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Acenaphthylene	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Aniline	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Anthracene	0.39	mg/kg	UJ

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Azobenzene	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Benzo(a)anthracene	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Benzo(a)pyrene	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Benzo(b)fluoranthene	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Benzo(g,h,i)perylene	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Benzo(k)fluoranthene	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Benzoic acid	1.9	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Benzyl alcohol	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Bis(2-chloroethoxy)methane	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Bis(2-chloroethyl)ether	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Bis(2-ethylhexyl)phthalate	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Butylbenzylphthalate	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Chrysene	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Di-n-butylphthalate	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Di-n-octylphthalate	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Dibenz(a,h)anthracene	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Dibenzofuran	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Diethylphthalate	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Dimethyl phthalate	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Fluoranthene	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Fluorene	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Hexachlorobenzene	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Hexachlorobutadiene	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Hexachlorocyclopentadiene	1.9	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Hexachloroethane	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Indeno(1,2,3-cd)pyrene	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Isophorone	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Nitroso-di-n-propylamine[N-]	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Nitrosodimethylamine[N-]	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Nitrosodiphenylamine[N-]	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Naphthalene	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Nitrobenzene	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Pentachlorophenol	1.9	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Phenanthrene	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Phenol	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Pyrene	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Gross alpha	29.8	pCi/g	None
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Americium-241	0.00362	pCi/g	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Gross beta	51.7	pCi/g	None
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Cobalt-60	0.000164	pCi/g	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Cesium-134	0.000132	pCi/g	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Cesium-137	0.00271	pCi/g	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Europium-152	-0.0798	pCi/g	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Tritium	1.826667	pCi/g	None
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Plutonium-238	0	pCi/g	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Plutonium-239	0.059	pCi/g	None
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Ruthenium-106	-0.0547	pCi/g	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Strontium-90	0.0467	pCi/g	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Thorium-228	2.56	pCi/g	None
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Thorium-230	2.27	pCi/g	None
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Thorium-232	2.46	pCi/g	None

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Uranium-234	1.9	pCi/g	None
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Uranium-235	0.0819	pCi/g	J+
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Uranium-238	1.87	pCi/g	None
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Silver	0.27	mg/kg	J
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Aluminum	1800	mg/kg	J
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Arsenic	1.8	mg/kg	None
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Barium	17	mg/kg	None
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Beryllium	0.22	mg/kg	J
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Calcium	1200	mg/kg	None
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Cadmium	0.0372	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Cobalt	0.62	mg/kg	J
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Chromium	6.5	mg/kg	J
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Copper	2	mg/kg	J
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Iron	3100	mg/kg	J
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Mercury	0.0209	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Potassium	350	mg/kg	J
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Magnesium	410	mg/kg	None
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Sodium	230	mg/kg	J
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Nickel	3.8	mg/kg	None
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Lead	5.4	mg/kg	None
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Selenium	0.658	mg/kg	None
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Thallium	0.116	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Vanadium	2.4	mg/kg	None
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Zinc	17	mg/kg	None
21-11196	MD21-01-0014	4.5–5.5	Qbt3	DDD[4,4'-]	0.0021	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	DDE[4,4'-]	0.0021	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	DDT[4,4'-]	0.0021	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Aldrin	0.0021	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	BHC[alpha-]	0.0021	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Chlordane[alpha-]	0.0021	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	BHC[beta-]	0.0021	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	BHC[delta-]	0.0021	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Dieldrin	0.0021	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Endosulfan I	0.0021	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Endosulfan II	0.0021	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Endosulfan sulfate	0.0021	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Endrin	0.0021	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Endrin aldehyde	0.0021	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Endrin ketone	0.0021	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	BHC[gamma-]	0.0021	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Chlordane[gamma-]	0.0021	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Heptachlor	0.0021	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Heptachlor epoxide	0.0021	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Methoxychlor[4,4'-]	0.004	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Toxaphene (technical grade)	0.082	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Aroclor-1016	0.04	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Aroclor-1221	0.04	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Aroclor-1232	0.04	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Aroclor-1242	0.04	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Aroclor-1248	0.04	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Aroclor-1254	0.04	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Aroclor-1260	0.04	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Tetrachloroethane[1,1,1,2-]	0.007	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Trichloroethane[1,1,1-]	0.007	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Tetrachloroethane[1,1,2,2-]	0.007	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Trichloroethane[1,1,2-]	0.007	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Dichloroethane[1,1-]	0.007	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Dichloroethene[1,1-]	0.007	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Dichloropropene[1,1-]	0.007	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Trichloropropane[1,2,3-]	0.007	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Trimethylbenzene[1,2,4-]	0.007	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Dibromo-3-chloropropane[1,2-]	0.014	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Dibromoethane[1,2-]	0.007	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Dichlorobenzene[1,2-]	0.007	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Dichloroethane[1,2-]	0.007	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Dichloroethene[cis/trans-1,2-]	0.007	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Dichloropropane[1,2-]	0.007	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Trimethylbenzene[1,3,5-]	0.007	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Dichlorobenzene[1,3-]	0.007	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Dichloropropane[1,3-]	0.007	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Dichlorobenzene[1,4-]	0.007	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Dichloropropane[2,2-]	0.007	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Butanone[2-]	0.028	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Chlorotoluene[2-]	0.007	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Hexanone[2-]	0.028	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Chlorotoluene[4-]	0.007	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Isopropyltoluene[4-]	0.007	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Methyl-2-pentanone[4-]	0.028	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Acetone	0.028	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Benzene	0.007	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Bromobenzene	0.007	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Bromochloromethane	0.007	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Bromodichloromethane	0.007	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Bromoform	0.007	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Bromomethane	0.014	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Carbon disulfide	0.007	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Carbon tetrachloride	0.007	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Chlorobenzene	0.007	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Chlorodibromomethane	0.007	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Chloroethane	0.014	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Chloroform	0.007	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Chloromethane	0.014	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Dichloropropene[cis-1,3-]	0.007	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Dibromomethane	0.007	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Dichlorodifluoromethane	0.014	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Ethylbenzene	0.007	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Iodomethane	0.007	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Isopropylbenzene	0.007	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Methylene chloride	0.007	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Butylbenzene[n-]	0.007	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Propylbenzene[1-]	0.007	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Butylbenzene[sec-]	0.007	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Styrene	0.007	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Butylbenzene[tert-]	0.007	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Tetrachloroethene	0.007	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Toluene	0.007	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Dichloropropene[trans-1,3-]	0.007	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Trichloroethene	0.007	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Trichlorofluoromethane	0.014	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Trichlorotrifluoroethane	0.007	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Vinyl chloride	0.014	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Xylene (total)	0.007	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Trichlorobenzene[1,2,4-]	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Dichlorobenzene[1,2-]	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Dichlorobenzene[1,3-]	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Dichlorobenzene[1,4-]	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Oxybis(1-chloropropane)[2,2'-]	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Trichlorophenol[2,4,5-]	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Trichlorophenol[2,4,6-]	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Dichlorophenol[2,4-]	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Dimethylphenol[2,4-]	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Dinitrophenol[2,4-]	2	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Dinitrotoluene[2,4-]	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Dinitrotoluene[2,6-]	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Chloronaphthalene[2-]	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Chlorophenol[2-]	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Methylnaphthalene[2-]	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Methylphenol[2-]	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Nitroaniline[2-]	2	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Nitrophenol[2-]	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Dichlorobenzidine[3,3'-]	2	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Nitroaniline[3-]	2	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Dinitro-2-methylphenol[4,6-]	2	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Bromophenyl-phenylether[4-]	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Chloro-3-methylphenol[4-]	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Chloroaniline[4-]	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Chlorophenyl-phenyl[4-] ether	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Methylphenol[4-]	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Nitroaniline[4-]	2	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Nitrophenol[4-]	2	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Acenaphthene	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Acenaphthylene	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Aniline	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Anthracene	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Azobenzene	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Benzo(a)anthracene	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Benzo(a)pyrene	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Benzo(b)fluoranthene	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Benzo(g,h,i)perylene	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Benzo(k)fluoranthene	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Benzoic acid	2	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Benzyl alcohol	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Bis(2-chloroethoxy)methane	0.4	mg/kg	UJ

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Bis(2-chloroethyl)ether	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Bis(2-ethylhexyl)phthalate	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Butylbenzylphthalate	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Chrysene	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Di-n-butylphthalate	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Di-n-octylphthalate	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Dibenz(a,h)anthracene	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Dibenzofuran	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Diethylphthalate	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Dimethyl phthalate	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Fluoranthene	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Fluorene	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Hexachlorobenzene	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Hexachlorobutadiene	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Hexachlorocyclopentadiene	2	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Hexachloroethane	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Indeno(1,2,3-cd)pyrene	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Isophorone	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Nitroso-di-n-propylamine[N-]	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Nitrosodimethylamine[N-]	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Nitrosodiphenylamine[N-]	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Naphthalene	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Nitrobenzene	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Pentachlorophenol	2	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Phenanthrene	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Phenol	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Pyrene	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Gross alpha	36.6	pCi/g	None
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Americium-241	0.00188	pCi/g	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Gross beta	53.7	pCi/g	None
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Cobalt-60	-0.0216	pCi/g	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Cesium-134	0.0168	pCi/g	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Cesium-137	-0.0217	pCi/g	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Europium-152	0.033	pCi/g	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Tritium	3.841463	pCi/g	None
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Plutonium-238	-0.00062	pCi/g	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Plutonium-239	0.024	pCi/g	None
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Ruthenium-106	0.0253	pCi/g	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Strontium-90	-0.0151	pCi/g	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Thorium-228	2.28	pCi/g	None
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Thorium-230	1.94	pCi/g	None
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Thorium-232	1.98	pCi/g	None
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Uranium-234	1.62	pCi/g	None
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Uranium-235	0.0809	pCi/g	J+
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Uranium-238	1.67	pCi/g	None
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Endrin ketone	0.0018	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Heptachlor	0.0018	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Heptachlor epoxide	0.0018	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Methoxychlor[4,4'-]	0.0034	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Toxaphene (technical grade)	0.069	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Aldrin	0.0018	mg/kg	UJ

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11197	MD21-01-0015	2.33–3.33	Qbt3	BHC[alpha-]	0.0018	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	BHC[beta-]	0.0018	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	BHC[delta-]	0.0018	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	BHC[gamma-]	0.0018	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Chlordane[alpha-]	0.0018	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Chlordane[gamma-]	0.0018	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	DDD[4,4'-]	0.0018	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	DDE[4,4'-]	0.0018	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	DDT[4,4'-]	0.0018	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Dieldrin	0.0018	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Endosulfan I	0.0018	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Endosulfan II	0.0018	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Endosulfan sulfate	0.0018	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Endrin	0.0018	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Endrin aldehyde	0.0018	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	DDD[4,4'-]	0.0018	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	DDE[4,4'-]	0.0018	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	DDT[4,4'-]	0.0018	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Aldrin	0.0018	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	BHC[alpha-]	0.0018	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Chlordane[alpha-]	0.0018	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	BHC[beta-]	0.0018	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	BHC[delta-]	0.0018	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Dieldrin	0.0018	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Endosulfan I	0.0018	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Endosulfan II	0.0018	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Endosulfan sulfate	0.0018	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Endrin	0.0018	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Endrin aldehyde	0.0018	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Endrin ketone	0.0018	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	BHC[gamma-]	0.0018	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Chlordane[gamma-]	0.0018	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Heptachlor	0.0018	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Heptachlor epoxide	0.0018	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Methoxychlor[4,4'-]	0.0034	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Toxaphene (technical grade)	0.069	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Aroclor-1016	0.034	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Aroclor-1221	0.034	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Aroclor-1232	0.034	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Aroclor-1242	0.034	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Aroclor-1248	0.034	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Aroclor-1254	0.034	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Aroclor-1260	0.034	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Tetrachloroethane[1,1,1,2-]	0.006	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Trichloroethane[1,1,1-]	0.006	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Tetrachloroethane[1,1,2,2-]	0.006	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Trichloroethane[1,1,2-]	0.006	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Dichloroethane[1,1-]	0.006	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Dichloroethene[1,1-]	0.006	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Dichloropropene[1,1-]	0.006	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Trichloropropane[1,2,3-]	0.006	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Trimethylbenzene[1,2,4-]	0.006	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Dibromo-3-chloropropane[1,2-]	0.012	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Dibromoethane[1,2-]	0.006	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Dichlorobenzene[1,2-]	0.006	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Dichloroethane[1,2-]	0.006	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Dichloroethene[cis/trans-1,2-]	0.006	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Dichloropropane[1,2-]	0.006	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Trimethylbenzene[1,3,5-]	0.006	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Dichlorobenzene[1,3-]	0.006	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Dichloropropane[1,3-]	0.006	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Dichlorobenzene[1,4-]	0.006	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Dichloropropane[2,2-]	0.006	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Butanone[2-]	0.024	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Chlorotoluene[2-]	0.006	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Hexanone[2-]	0.024	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Chlorotoluene[4-]	0.006	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Isopropyltoluene[4-]	0.006	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Methyl-2-pentanone[4-]	0.024	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Acetone	0.024	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Benzene	0.006	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Bromobenzene	0.006	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Bromochloromethane	0.006	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Bromodichloromethane	0.006	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Bromoform	0.006	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Bromomethane	0.012	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Carbon disulfide	0.006	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Carbon tetrachloride	0.006	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Chlorobenzene	0.006	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Chlorodibromomethane	0.006	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Chloroethane	0.012	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Chloroform	0.006	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Chloromethane	0.012	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Dichloropropene[cis-1,3-]	0.006	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Dibromomethane	0.006	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Dichlorodifluoromethane	0.012	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Ethylbenzene	0.006	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Iodomethane	0.006	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Isopropylbenzene	0.006	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Methylene chloride	0.006	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Butylbenzene[n-]	0.006	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Propylbenzene[1-]	0.006	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Butylbenzene[sec-]	0.006	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Styrene	0.006	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Butylbenzene[tert-]	0.006	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Tetrachloroethene	0.006	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Toluene	0.006	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Dichloropropene[trans-1,3-]	0.006	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Trichloroethene	0.006	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Trichlorofluoromethane	0.012	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Trichlorotrifluoroethane	0.006	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Vinyl chloride	0.012	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Xylene (total)	0.006	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Trichlorobenzene[1,2,4-]	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Dichlorobenzene[1,2-]	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Dichlorobenzene[1,3-]	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Dichlorobenzene[1,4-]	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Oxybis(1-chloropropane)[2,2'-]	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Trichlorophenol[2,4,5-]	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Trichlorophenol[2,4,6-]	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Dichlorophenol[2,4-]	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Dimethylphenol[2,4-]	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Dinitrophenol[2,4-]	1.7	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Dinitrotoluene[2,4-]	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Dinitrotoluene[2,6-]	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Chloronaphthalene[2-]	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Chlorophenol[2-]	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Methylnaphthalene[2-]	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Methylphenol[2-]	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Nitroaniline[2-]	1.7	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Nitrophenol[2-]	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Dichlorobenzidine[3,3'-]	1.7	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Nitroaniline[3-]	1.7	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Bromophenyl-phenylether[4-]	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Chloro-3-methylphenol[4-]	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Chloroaniline[4-]	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Chlorophenyl-phenyl[4-] ether	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Methylphenol[4-]	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Nitroaniline[4-]	1.7	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Nitrophenol[4-]	1.7	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Acenaphthene	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Acenaphthylene	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Aniline	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Anthracene	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Azobenzene	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Benzo(a)anthracene	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Benzo(a)pyrene	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Benzo(b)fluoranthene	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Benzo(g,h,i)perylene	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Benzo(k)fluoranthene	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Benzoic acid	1.7	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Benzyl alcohol	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Bis(2-chloroethoxy)methane	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Bis(2-chloroethyl)ether	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Bis(2-ethylhexyl)phthalate	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Butylbenzylphthalate	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Chrysene	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Di-n-butylphthalate	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Di-n-octylphthalate	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Dibenz(a,h)anthracene	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Dibenzofuran	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Diethylphthalate	0.34	mg/kg	UJ

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Dimethyl phthalate	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Fluoranthene	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Fluorene	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Hexachlorobenzene	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Hexachlorobutadiene	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Hexachlorocyclopentadiene	1.7	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Hexachloroethane	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Indeno(1,2,3-cd)pyrene	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Isophorone	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Nitroso-di-n-propylamine[N-]	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Nitrosodimethylamine[N-]	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Nitrosodiphenylamine[N-]	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Naphthalene	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Nitrobenzene	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Pentachlorophenol	1.7	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Phenanthrene	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Phenol	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Pyrene	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Silver	0.106	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Aluminum	2100	mg/kg	None
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Arsenic	2.2	mg/kg	None
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Barium	17	mg/kg	None
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Beryllium	0.29	mg/kg	J
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Calcium	570	mg/kg	None
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Cadmium	0.033	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Cobalt	0.65	mg/kg	J
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Chromium	13	mg/kg	None
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Copper	1.7	mg/kg	None
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Iron	2400	mg/kg	None
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Mercury	0.0186	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Potassium	360	mg/kg	None
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Magnesium	480	mg/kg	None
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Sodium	74	mg/kg	None
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Nickel	9.7	mg/kg	None
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Lead	4.9	mg/kg	None
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Selenium	0.577	mg/kg	None
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Thallium	0.103	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Vanadium	2.9	mg/kg	None
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Zinc	15	mg/kg	None
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Gross alpha	21.6	pCi/g	None
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Americium-241	0.00332	pCi/g	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Gross beta	54.2	pCi/g	None
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Cobalt-60	0.00785	pCi/g	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Cesium-134	-0.0104	pCi/g	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Cesium-137	-0.00142	pCi/g	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Europium-152	-0.0254	pCi/g	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Tritium	1.43029	pCi/g	None
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Plutonium-238	0	pCi/g	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Plutonium-239	0.00201	pCi/g	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Ruthenium-106	0.0413	pCi/g	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Strontium-90	0.0038	pCi/g	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Thorium-228	1.69	pCi/g	None
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Thorium-230	1.05	pCi/g	None
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Thorium-232	1.66	pCi/g	None
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Uranium-234	0.829	pCi/g	None
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Uranium-235	0.0254	pCi/g	J-
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Uranium-238	0.765	pCi/g	None
21-11197	MD21-01-0016	5.33–6.33	Qbt3	DDD[4,4'-]	0.0019	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	DDE[4,4'-]	0.0019	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	DDT[4,4'-]	0.0019	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Aldrin	0.0019	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	BHC[alpha-]	0.0019	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Chlordane[alpha-]	0.0019	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	BHC[beta-]	0.0019	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	BHC[delta-]	0.0019	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Dieldrin	0.0019	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Endosulfan I	0.0019	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Endosulfan II	0.0019	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Endosulfan sulfate	0.0019	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Endrin	0.0019	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Endrin aldehyde	0.0019	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Endrin ketone	0.0019	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	BHC[gamma-]	0.0019	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Chlordane[gamma-]	0.0019	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Heptachlor	0.0019	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Heptachlor epoxide	0.0019	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Methoxychlor[4,4'-]	0.0037	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Toxaphene (technical grade)	0.075	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Aroclor-1016	0.037	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Aroclor-1221	0.037	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Aroclor-1232	0.037	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Aroclor-1242	0.037	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Aroclor-1248	0.037	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Aroclor-1254	0.037	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Aroclor-1260	0.037	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Tetrachloroethane[1,1,1,2-]	0.0068	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Trichloroethane[1,1,1-]	0.0068	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Tetrachloroethane[1,1,2,2-]	0.0068	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Trichloroethane[1,1,2-]	0.0068	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Dichloroethane[1,1-]	0.0068	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Dichloroethene[1,1-]	0.0068	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Dichloropropene[1,1-]	0.0068	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Trichloropropane[1,2,3-]	0.0068	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Trimethylbenzene[1,2,4-]	0.0068	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Dibromo-3-chloropropane[1,2-]	0.014	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Dibromoethane[1,2-]	0.0068	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Dichlorobenzene[1,2-]	0.0068	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Dichloroethane[1,2-]	0.0068	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Dichloroethene[cis/trans-1,2-]	0.0068	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Dichloropropane[1,2-]	0.0068	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Trimethylbenzene[1,3,5-]	0.0068	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Dichlorobenzene[1,3-]	0.0068	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Dichloropropane[1,3-]	0.0068	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Dichlorobenzene[1,4-]	0.0068	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Dichloropropane[2,2-]	0.0068	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Butanone[2-]	0.0054	mg/kg	J
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Chlorotoluene[2-]	0.0068	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Hexanone[2-]	0.027	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Chlorotoluene[4-]	0.0068	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Isopropyltoluene[4-]	0.0068	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Methyl-2-pentanone[4-]	0.027	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Acetone	0.027	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Benzene	0.0068	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Bromobenzene	0.0068	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Bromochloromethane	0.0068	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Bromodichloromethane	0.0068	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Bromoform	0.0068	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Bromomethane	0.014	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Carbon disulfide	0.0068	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Carbon tetrachloride	0.0068	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Chlorobenzene	0.0068	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Chlorodibromomethane	0.0068	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Chloroethane	0.014	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Chloroform	0.0068	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Chloromethane	0.014	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Dichloropropene[cis-1,3-]	0.0068	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Dibromomethane	0.0068	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Dichlorodifluoromethane	0.014	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Ethylbenzene	0.0068	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Iodomethane	0.0068	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Isopropylbenzene	0.0068	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Methylene chloride	0.0068	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Butylbenzene[n-]	0.0068	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Propylbenzene[1-]	0.0068	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Butylbenzene[sec-]	0.0068	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Styrene	0.0068	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Butylbenzene[tert-]	0.0068	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Tetrachloroethene	0.0068	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Toluene	0.0068	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Dichloropropene[trans-1,3-]	0.0068	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Trichloroethene	0.0068	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Trichlorofluoromethane	0.014	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Trichlorotrifluoroethane	0.0068	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Vinyl chloride	0.014	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Xylene (total)	0.0068	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Trichlorobenzene[1,2,4-]	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Dichlorobenzene[1,2-]	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Dichlorobenzene[1,3-]	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Dichlorobenzene[1,4-]	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Oxybis(1-chloropropane)[2,2'-]	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Trichlorophenol[2,4,5-]	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Trichlorophenol[2,4,6-]	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Dichlorophenol[2,4-]	0.37	mg/kg	UJ

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Dimethylphenol[2,4-]	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Dinitrophenol[2,4-]	1.8	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Dinitrotoluene[2,4-]	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Dinitrotoluene[2,6-]	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Chloronaphthalene[2-]	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Chlorophenol[2-]	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Methylnaphthalene[2-]	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Methylphenol[2-]	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Nitroaniline[2-]	1.8	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Nitrophenol[2-]	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Dichlorobenzidine[3,3'-]	1.8	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Nitroaniline[3-]	1.8	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Dinitro-2-methylphenol[4,6-]	1.8	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Bromophenyl-phenylether[4-]	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Chloro-3-methylphenol[4-]	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Chloroaniline[4-]	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Chlorophenyl-phenyl[4-] ether	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Methylphenol[4-]	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Nitroaniline[4-]	1.8	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Nitrophenol[4-]	1.8	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Acenaphthene	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Acenaphthylene	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Aniline	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Anthracene	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Azobenzene	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Benzo(a)anthracene	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Benzo(a)pyrene	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Benzo(b)fluoranthene	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Benzo(g,h,i)perylene	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Benzo(k)fluoranthene	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Benzoic acid	1.8	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Benzyl alcohol	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Bis(2-chloroethoxy)methane	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Bis(2-chloroethyl)ether	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Bis(2-ethylhexyl)phthalate	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Butylbenzylphthalate	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Chrysene	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Di-n-butylphthalate	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Di-n-octylphthalate	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Dibenz(a,h)anthracene	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Dibenzofuran	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Diethylphthalate	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Dimethyl phthalate	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Fluoranthene	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Fluorene	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Hexachlorobenzene	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Hexachlorobutadiene	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Hexachlorocyclopentadiene	1.8	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Hexachloroethane	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Indeno(1,2,3-cd)pyrene	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Isophorone	0.37	mg/kg	UJ

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Nitroso-di-n-propylamine[N-]	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Nitrosodimethylamine[N-]	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Nitrosodiphenylamine[N-]	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Naphthalene	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Nitrobenzene	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Pentachlorophenol	1.8	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Phenanthrene	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Phenol	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Pyrene	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Silver	0.104	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Aluminum	740	mg/kg	None
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Arsenic	2	mg/kg	None
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Barium	10	mg/kg	None
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Beryllium	0.2	mg/kg	J
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Calcium	2000	mg/kg	None
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Cadmium	0.0323	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Cobalt	0.36	mg/kg	J
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Chromium	4.8	mg/kg	None
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Copper	1.5	mg/kg	None
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Iron	1800	mg/kg	None
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Mercury	0.0182	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Potassium	270	mg/kg	None
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Magnesium	350	mg/kg	None
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Sodium	120	mg/kg	None
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Nickel	3.4	mg/kg	None
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Lead	6.1	mg/kg	None
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Selenium	0.533	mg/kg	None
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Thallium	0.101	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Vanadium	1.3	mg/kg	None
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Zinc	14	mg/kg	None
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Gross alpha	22.6	pCi/g	None
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Americium-241	-0.00037	pCi/g	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Gross beta	50.2	pCi/g	None
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Cobalt-60	-0.00158	pCi/g	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Cesium-134	-0.00559	pCi/g	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Cesium-137	-0.0115	pCi/g	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Europium-152	0.0299	pCi/g	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Tritium	3.3	pCi/g	None
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Plutonium-238	-0.00035	pCi/g	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Plutonium-239	-0.00035	pCi/g	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Ruthenium-106	0.0575	pCi/g	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Strontium-90	0.0742	pCi/g	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Thorium-228	1.65	pCi/g	None
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Thorium-230	0.862	pCi/g	None
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Thorium-232	1.69	pCi/g	None
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Uranium-234	0.85	pCi/g	None
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Uranium-235	0.0278	pCi/g	J-
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Uranium-238	0.81	pCi/g	None
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Endrin ketone	0.0019	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Heptachlor	0.0019	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Heptachlor epoxide	0.0019	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Methoxychlor[4,4'-]	0.0037	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Toxaphene (technical grade)	0.075	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Aldrin	0.0019	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	BHC[alpha-]	0.0019	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	BHC[beta-]	0.0019	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	BHC[delta-]	0.0019	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	BHC[gamma-]	0.0019	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Chlordane[alpha-]	0.0019	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Chlordane[gamma-]	0.0019	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	DDD[4,4'-]	0.0019	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	DDE[4,4'-]	0.0019	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	DDT[4,4'-]	0.0019	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Dieldrin	0.0019	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Endosulfan I	0.0019	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Endosulfan II	0.0019	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Endosulfan sulfate	0.0019	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Endrin	0.0019	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Endrin aldehyde	0.0019	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	DDD[4,4'-]	0.0019	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	DDE[4,4'-]	0.0019	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	DDT[4,4'-]	0.0019	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Aldrin	0.0019	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	BHC[alpha-]	0.0019	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Chlordane[alpha-]	0.0019	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	BHC[beta-]	0.0019	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	BHC[delta-]	0.0019	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Dieldrin	0.0019	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Endosulfan I	0.0019	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Endosulfan II	0.0019	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Endosulfan sulfate	0.0019	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Endrin	0.0019	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Endrin aldehyde	0.0019	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Endrin ketone	0.0019	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	BHC[gamma-]	0.0019	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Chlordane[gamma-]	0.0019	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Heptachlor	0.0019	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Heptachlor epoxide	0.0019	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Methoxychlor[4,4'-]	0.0037	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Toxaphene (technical grade)	0.075	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Aroclor-1016	0.037	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Aroclor-1221	0.037	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Aroclor-1232	0.037	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Aroclor-1242	0.037	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Aroclor-1248	0.037	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Aroclor-1254	0.037	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Aroclor-1260	0.037	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Tetrachloroethane[1,1,1,2-]	0.0062	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Trichloroethane[1,1,1-]	0.0062	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Tetrachloroethane[1,1,2,2-]	0.0062	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Trichloroethane[1,1,2-]	0.0062	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Dichloroethane[1,1-]	0.0062	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Dichloroethene[1,1-]	0.0062	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Dichloropropene[1,1-]	0.0062	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Trichloropropane[1,2,3-]	0.0062	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Trimethylbenzene[1,2,4-]	0.0062	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Dibromo-3-chloropropane[1,2-]	0.012	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Dibromoethane[1,2-]	0.0062	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Dichlorobenzene[1,2-]	0.0062	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Dichloroethane[1,2-]	0.0062	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Dichloroethene[cis/trans-1,2-]	0.0062	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Dichloropropane[1,2-]	0.0062	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Trimethylbenzene[1,3,5-]	0.0062	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Dichlorobenzene[1,3-]	0.0062	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Dichloropropane[1,3-]	0.0062	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Dichlorobenzene[1,4-]	0.0062	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Dichloropropane[2,2-]	0.0062	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Butanone[2-]	0.0051	mg/kg	J+
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Chlorotoluene[2-]	0.0062	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Hexanone[2-]	0.025	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Chlorotoluene[4-]	0.0062	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Isopropyltoluene[4-]	0.0062	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Methyl-2-pentanone[4-]	0.025	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Acetone	0.023	mg/kg	J+
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Benzene	0.0062	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Bromobenzene	0.0062	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Bromochloromethane	0.0062	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Bromodichloromethane	0.0062	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Bromoform	0.0062	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Bromomethane	0.012	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Carbon disulfide	0.0062	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Carbon tetrachloride	0.0062	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Chlorobenzene	0.0062	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Chlorodibromomethane	0.0062	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Chloroethane	0.012	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Chloroform	0.0062	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Chloromethane	0.012	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Dichloropropene[cis-1,3-]	0.0062	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Dibromomethane	0.0062	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Dichlorodifluoromethane	0.012	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Ethylbenzene	0.0062	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Iodomethane	0.0062	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Isopropylbenzene	0.0062	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Methylene chloride	0.0062	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Butylbenzene[n-]	0.0062	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Propylbenzene[1-]	0.0062	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Butylbenzene[sec-]	0.0062	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Styrene	0.0062	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Butylbenzene[tert-]	0.0062	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Tetrachloroethene	0.0062	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Toluene	0.0062	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Dichloropropene[trans-1,3-]	0.0062	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Trichloroethene	0.0062	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Trichlorofluoromethane	0.012	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Trichlorotrifluoroethane	0.0062	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Vinyl chloride	0.012	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Xylene (total)	0.0062	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Trichlorobenzene[1,2,4-]	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Dichlorobenzene[1,2-]	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Dichlorobenzene[1,3-]	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Dichlorobenzene[1,4-]	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Oxybis(1-chloropropane)[2,2'-]	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Trichlorophenol[2,4,5-]	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Trichlorophenol[2,4,6-]	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Dichlorophenol[2,4-]	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Dimethylphenol[2,4-]	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Dinitrophenol[2,4-]	1.8	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Dinitrotoluene[2,4-]	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Dinitrotoluene[2,6-]	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Chloronaphthalene[2-]	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Chlorophenol[2-]	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Methylnaphthalene[2-]	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Methylphenol[2-]	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Nitroaniline[2-]	1.8	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Nitrophenol[2-]	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Dichlorobenzidine[3,3'-]	1.8	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Nitroaniline[3-]	1.8	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Dinitro-2-methylphenol[4,6-]	1.8	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Bromophenyl-phenylether[4-]	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Chloro-3-methylphenol[4-]	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Chloroaniline[4-]	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Chlorophenyl-phenyl[4-] ether	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Methylphenol[4-]	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Nitroaniline[4-]	1.8	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Nitrophenol[4-]	1.8	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Acenaphthene	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Acenaphthylene	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Aniline	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Anthracene	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Azobenzene	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Benzo(a)anthracene	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Benzo(a)pyrene	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Benzo(b)fluoranthene	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Benzo(g,h,i)perylene	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Benzo(k)fluoranthene	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Benzoic acid	1.8	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Benzyl alcohol	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Bis(2-chloroethoxy)methane	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Bis(2-chloroethyl)ether	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Bis(2-ethylhexyl)phthalate	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Butylbenzylphthalate	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Chrysene	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Di-n-butylphthalate	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Di-n-octylphthalate	0.37	mg/kg	UJ

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Dibenz(a,h)anthracene	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Dibenzofuran	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Diethylphthalate	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Dimethyl phthalate	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Fluoranthene	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Fluorene	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Hexachlorobenzene	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Hexachlorobutadiene	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Hexachlorocyclopentadiene	1.8	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Hexachloroethane	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Indeno(1,2,3-cd)pyrene	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Isophorone	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Nitroso-di-n-propylamine[N-]	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Nitrosodimethylamine[N-]	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Nitrosodiphenylamine[N-]	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Naphthalene	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Nitrobenzene	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Pentachlorophenol	1.8	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Phenanthrene	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Phenol	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Pyrene	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Silver	0.25	mg/kg	J
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Aluminum	3600	mg/kg	None
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Arsenic	3.6	mg/kg	None
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Barium	160	mg/kg	None
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Beryllium	0.35	mg/kg	J
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Calcium	73000	mg/kg	None
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Cadmium	0.064	mg/kg	J
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Cobalt	0.93	mg/kg	J
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Chromium	3.3	mg/kg	None
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Copper	3.9	mg/kg	None
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Iron	2500	mg/kg	None
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Mercury	0.039	mg/kg	J
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Potassium	490	mg/kg	None
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Magnesium	2400	mg/kg	None
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Sodium	120	mg/kg	None
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Nickel	5.6	mg/kg	None
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Lead	6.8	mg/kg	None
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Selenium	0.681	mg/kg	None
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Thallium	0.112	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Vanadium	4.5	mg/kg	None
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Zinc	12	mg/kg	None
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Uranium-234	0.921	pCi/g	None
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Uranium-235	0.032	pCi/g	J-
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Uranium-238	0.829	pCi/g	None
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Gross alpha	20.4	pCi/g	None
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Americium-241	0.00191	pCi/g	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Gross beta	49.5	pCi/g	None
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Cobalt-60	0.0323	pCi/g	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Cesium-134	0.000168	pCi/g	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Cesium-137	0.00832	pCi/g	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Europium-152	-0.0492	pCi/g	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Tritium	3.6	pCi/g	None
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Plutonium-238	-0.00136	pCi/g	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Plutonium-239	-0.00136	pCi/g	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Ruthenium-106	-0.102	pCi/g	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Strontium-90	-0.00399	pCi/g	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Thorium-228	1.33	pCi/g	None
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Thorium-230	0.951	pCi/g	None
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Thorium-232	1.25	pCi/g	None
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Endrin ketone	0.0017	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Heptachlor	0.0017	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Heptachlor epoxide	0.0017	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Methoxychlor[4,4'-]	0.0033	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Toxaphene (technical grade)	0.068	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Aldrin	0.0017	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	BHC[alpha-]	0.0017	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	BHC[beta-]	0.0017	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	BHC[delta-]	0.0017	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	BHC[gamma-]	0.0017	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Chlordane[alpha-]	0.0017	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Chlordane[gamma-]	0.0017	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	DDD[4,4'-]	0.0017	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	DDE[4,4'-]	0.0017	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	DDT[4,4'-]	0.0017	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Dieldrin	0.0017	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Endosulfan I	0.0017	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Endosulfan II	0.0017	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Endosulfan sulfate	0.0017	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Endrin	0.0017	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Endrin aldehyde	0.0017	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	DDD[4,4'-]	0.0017	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	DDE[4,4'-]	0.0017	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	DDT[4,4'-]	0.0017	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Aldrin	0.0017	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	BHC[alpha-]	0.0017	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Chlordane[alpha-]	0.0017	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	BHC[beta-]	0.0017	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	BHC[delta-]	0.0017	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Dieldrin	0.0017	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Endosulfan I	0.0017	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Endosulfan II	0.0017	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Endosulfan sulfate	0.0017	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Endrin	0.0017	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Endrin aldehyde	0.0017	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Endrin ketone	0.0017	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	BHC[gamma-]	0.0017	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Chlordane[gamma-]	0.0017	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Heptachlor	0.0017	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Heptachlor epoxide	0.0017	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Methoxychlor[4,4'-]	0.0033	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Toxaphene (technical grade)	0.068	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Aroclor-1016	0.033	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Aroclor-1221	0.033	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Aroclor-1232	0.033	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Aroclor-1242	0.033	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Aroclor-1248	0.033	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Aroclor-1254	0.033	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Aroclor-1260	0.033	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Tetrachloroethane[1,1,1,2-]	0.0058	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Trichloroethane[1,1,1-]	0.0058	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Tetrachloroethane[1,1,2,2-]	0.0058	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Trichloroethane[1,1,2-]	0.0058	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Dichloroethane[1,1-]	0.0058	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Dichloroethene[1,1-]	0.0058	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Dichloropropene[1,1-]	0.0058	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Trichloropropane[1,2,3-]	0.0058	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Trimethylbenzene[1,2,4-]	0.0058	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Dibromo-3-chloropropane[1,2-]	0.012	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Dibromoethane[1,2-]	0.0058	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Dichlorobenzene[1,2-]	0.0058	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Dichloroethane[1,2-]	0.0058	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Dichloroethene[cis/trans-1,2-]	0.0058	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Dichloropropane[1,2-]	0.0058	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Trimethylbenzene[1,3,5-]	0.0058	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Dichlorobenzene[1,3-]	0.0058	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Dichloropropane[1,3-]	0.0058	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Dichlorobenzene[1,4-]	0.0058	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Dichloropropane[2,2-]	0.0058	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Butanone[2-]	0.023	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Chlorotoluene[2-]	0.0058	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Hexanone[2-]	0.023	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Chlorotoluene[4-]	0.0058	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Isopropyltoluene[4-]	0.0058	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Methyl-2-pentanone[4-]	0.023	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Acetone	0.023	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Benzene	0.0058	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Bromobenzene	0.0058	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Bromochloromethane	0.0058	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Bromodichloromethane	0.0058	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Bromoform	0.0058	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Bromomethane	0.012	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Carbon disulfide	0.0058	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Carbon tetrachloride	0.0058	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Chlorobenzene	0.0058	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Chlorodibromomethane	0.0058	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Chloroethane	0.012	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Chloroform	0.0058	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Chloromethane	0.012	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Dichloropropene[cis-1,3-]	0.0058	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Dibromomethane	0.0058	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Dichlorodifluoromethane	0.012	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Ethylbenzene	0.0058	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Iodomethane	0.0058	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Isopropylbenzene	0.0058	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Methylene chloride	0.0058	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Butylbenzene[n-]	0.0058	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Propylbenzene[1-]	0.0058	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Butylbenzene[sec-]	0.0058	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Styrene	0.0058	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Butylbenzene[tert-]	0.0058	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Tetrachloroethene	0.0058	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Toluene	0.0058	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Dichloropropene[trans-1,3-]	0.0058	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Trichloroethene	0.0058	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Trichlorofluoromethane	0.012	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Trichlorotrifluoroethane	0.0058	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Vinyl chloride	0.012	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Xylene (total)	0.0058	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Trichlorobenzene[1,2,4-]	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Dichlorobenzene[1,2-]	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Dichlorobenzene[1,3-]	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Dichlorobenzene[1,4-]	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Oxybis(1-chloropropane)[2,2'-]	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Trichlorophenol[2,4,5-]	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Trichlorophenol[2,4,6-]	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Dichlorophenol[2,4-]	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Dimethylphenol[2,4-]	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Dinitrophenol[2,4-]	1.6	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Dinitrotoluene[2,4-]	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Dinitrotoluene[2,6-]	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Chloronaphthalene[2-]	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Chlorophenol[2-]	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Methylnaphthalene[2-]	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Methylphenol[2-]	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Nitroaniline[2-]	1.6	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Nitrophenol[2-]	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Dichlorobenzidine[3,3'-]	1.6	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Nitroaniline[3-]	1.6	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Dinitro-2-methylphenol[4,6-]	1.6	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Bromophenyl-phenylether[4-]	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Chloro-3-methylphenol[4-]	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Chloroaniline[4-]	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Chlorophenyl-phenyl[4-] ether	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Methylphenol[4-]	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Nitroaniline[4-]	1.6	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Nitrophenol[4-]	1.6	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Acenaphthene	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Acenaphthylene	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Aniline	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Anthracene	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Azobenzene	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Benzo(a)anthracene	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Benzo(a)pyrene	0.33	mg/kg	UJ

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Benzo(b)fluoranthene	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Benzo(g,h,i)perylene	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Benzo(k)fluoranthene	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Benzoic acid	1.6	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Benzyl alcohol	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Bis(2-chloroethoxy)methane	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Bis(2-chloroethyl)ether	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Bis(2-ethylhexyl)phthalate	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Butylbenzylphthalate	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Chrysene	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Di-n-butylphthalate	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Di-n-octylphthalate	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Dibenz(a,h)anthracene	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Dibenzofuran	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Diethylphthalate	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Dimethyl phthalate	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Fluoranthene	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Fluorene	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Hexachlorobenzene	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Hexachlorobutadiene	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Hexachlorocyclopentadiene	1.6	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Hexachloroethane	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Indeno(1,2,3-cd)pyrene	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Isophorone	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Nitroso-di-n-propylamine[N-]	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Nitrosodimethylamine[N-]	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Nitrosodiphenylamine[N-]	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Naphthalene	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Nitrobenzene	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Pentachlorophenol	1.6	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Phenanthrene	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Phenol	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Pyrene	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Silver	0.104	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Aluminum	480	mg/kg	None
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Arsenic	1.7	mg/kg	None
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Barium	9.2	mg/kg	None
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Beryllium	0.2	mg/kg	J
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Calcium	1500	mg/kg	None
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Cadmium	0.0323	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Cobalt	0.28	mg/kg	J
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Chromium	11	mg/kg	None
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Copper	1.3	mg/kg	None
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Iron	1400	mg/kg	None
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Mercury	0.0182	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Potassium	230	mg/kg	None
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Magnesium	250	mg/kg	None
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Sodium	170	mg/kg	None
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Nickel	5.9	mg/kg	None
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Lead	7	mg/kg	None
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Selenium	0.448	mg/kg	None

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Thallium	0.101	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Vanadium	1.2	mg/kg	None
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Zinc	12	mg/kg	None
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Gross alpha	22.5	pCi/g	None
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Americium-241	0	pCi/g	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Gross beta	52.7	pCi/g	None
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Cobalt-60	0.00889	pCi/g	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Cesium-134	-0.00075	pCi/g	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Cesium-137	-0.0156	pCi/g	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Europium-152	-0.0976	pCi/g	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Tritium	0.255578	pCi/g	None
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Plutonium-238	0	pCi/g	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Plutonium-239	0.00202	pCi/g	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Ruthenium-106	0.014	pCi/g	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Strontium-90	-0.0938	pCi/g	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Thorium-228	1.76	pCi/g	None
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Thorium-230	0.917	pCi/g	None
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Thorium-232	1.58	pCi/g	None
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Uranium-234	0.823	pCi/g	None
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Uranium-235	0.039	pCi/g	J-
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Uranium-238	0.862	pCi/g	None
21-11199	MD21-01-0019	8.0–9.0	Qbt3	DDD[4,4'-]	0.0018	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	DDE[4,4'-]	0.0018	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	DDT[4,4'-]	0.0018	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Aldrin	0.0018	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	BHC[alpha-]	0.0018	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Chlordane[alpha-]	0.0018	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	BHC[beta-]	0.0018	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	BHC[delta-]	0.0018	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Dieldrin	0.0018	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Endosulfan I	0.0018	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Endosulfan II	0.0018	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Endosulfan sulfate	0.0018	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Endrin	0.0018	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Endrin aldehyde	0.0018	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Endrin ketone	0.0018	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	BHC[gamma-]	0.0018	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Chlordane[gamma-]	0.0018	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Heptachlor	0.0018	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Heptachlor epoxide	0.0018	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Methoxychlor[4,4'-]	0.0035	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Toxaphene (technical grade)	0.071	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Aroclor-1016	0.035	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Aroclor-1221	0.035	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Aroclor-1232	0.035	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Aroclor-1242	0.035	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Aroclor-1248	0.035	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Aroclor-1254	0.035	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Aroclor-1260	0.035	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Tetrachloroethane[1,1,1,2-]	0.0063	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Trichloroethane[1,1,1-]	0.0063	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Tetrachloroethane[1,1,2,2-]	0.0063	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Trichloroethane[1,1,2-]	0.0063	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Dichloroethane[1,1-]	0.0063	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Dichloroethene[1,1-]	0.0063	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Dichloropropene[1,1-]	0.0063	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Trichloropropane[1,2,3-]	0.0063	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Trimethylbenzene[1,2,4-]	0.0063	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Dibromo-3-chloropropane[1,2-]	0.013	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Dibromoethane[1,2-]	0.0063	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Dichlorobenzene[1,2-]	0.0063	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Dichloroethane[1,2-]	0.0063	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Dichloroethene[cis/trans-1,2-]	0.0063	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Dichloropropane[1,2-]	0.0063	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Trimethylbenzene[1,3,5-]	0.0063	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Dichlorobenzene[1,3-]	0.0063	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Dichloropropane[1,3-]	0.0063	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Dichlorobenzene[1,4-]	0.0063	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Dichloropropane[2,2-]	0.0063	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Butanone[2-]	0.025	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Chlorotoluene[2-]	0.0063	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Hexanone[2-]	0.025	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Chlorotoluene[4-]	0.0063	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Isopropyltoluene[4-]	0.0063	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Methyl-2-pentanone[4-]	0.025	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Acetone	0.025	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Benzene	0.0063	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Bromobenzene	0.0063	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Bromochloromethane	0.0063	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Bromodichloromethane	0.0063	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Bromoform	0.0063	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Bromomethane	0.013	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Carbon disulfide	0.0063	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Carbon tetrachloride	0.0063	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Chlorobenzene	0.0063	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Chlorodibromomethane	0.0063	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Chloroethane	0.013	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Chloroform	0.0063	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Chloromethane	0.013	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Dichloropropene[cis-1,3-]	0.0063	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Dibromomethane	0.0063	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Dichlorodifluoromethane	0.013	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Ethylbenzene	0.0063	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Iodomethane	0.0063	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Isopropylbenzene	0.0063	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Methylene chloride	0.0063	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Butylbenzene[n-]	0.0063	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Propylbenzene[1-]	0.0063	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Butylbenzene[sec-]	0.0063	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Styrene	0.0063	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Butylbenzene[tert-]	0.0063	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Tetrachloroethene	0.0063	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Toluene	0.0063	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Dichloropropene[trans-1,3-]	0.0063	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Trichloroethene	0.0063	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Trichlorofluoromethane	0.013	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Trichlorotrifluoroethane	0.0063	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Vinyl chloride	0.013	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Xylene (total)	0.0063	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Trichlorobenzene[1,2,4-]	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Dichlorobenzene[1,2-]	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Dichlorobenzene[1,3-]	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Dichlorobenzene[1,4-]	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Trichlorophenol[2,4,5-]	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Trichlorophenol[2,4,6-]	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Dichlorophenol[2,4-]	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Dimethylphenol[2,4-]	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Dinitrophenol[2,4-]	1.7	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Dinitrotoluene[2,4-]	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Dinitrotoluene[2,6-]	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Chloronaphthalene[2-]	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Chlorophenol[2-]	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Methylnaphthalene[2-]	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Methylphenol[2-]	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Nitroaniline[2-]	1.7	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Nitrophenol[2-]	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Dichlorobenzidine[3,3'-]	1.7	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Nitroaniline[3-]	1.7	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Bromophenyl-phenylether[4-]	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Chloro-3-methylphenol[4-]	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Chloroaniline[4-]	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Chlorophenyl-phenyl[4-] ether	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Methylphenol[4-]	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Nitroaniline[4-]	1.7	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Nitrophenol[4-]	1.7	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Acenaphthene	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Acenaphthylene	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Aniline	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Anthracene	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Azobenzene	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Benzo(a)anthracene	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Benzo(a)pyrene	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Benzo(b)fluoranthene	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Benzo(g,h,i)perylene	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Benzo(k)fluoranthene	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Benzoic acid	1.7	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Benzyl alcohol	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Bis(2-chloroethoxy)methane	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Bis(2-chloroethyl)ether	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Bis(2-ethylhexyl)phthalate	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Butylbenzylphthalate	0.35	mg/kg	UJ

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Chrysene	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Di-n-butylphthalate	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Di-n-octylphthalate	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Dibenz(a,h)anthracene	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Dibenzofuran	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Diethylphthalate	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Dimethyl phthalate	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Fluoranthene	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Fluorene	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Hexachlorobenzene	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Hexachlorobutadiene	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Hexachlorocyclopentadiene	1.7	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Hexachloroethane	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Isophorone	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Nitrosodimethylamine[N-]	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Nitrosodiphenylamine[N-]	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Naphthalene	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Nitrobenzene	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Pentachlorophenol	1.7	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Phenanthrene	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Phenol	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Pyrene	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Silver	0.14	mg/kg	J
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Aluminum	2300	mg/kg	None
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Arsenic	2.1	mg/kg	None
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Barium	18	mg/kg	None
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Beryllium	0.27	mg/kg	J
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Calcium	740	mg/kg	None
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Cadmium	0.0337	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Cobalt	0.63	mg/kg	J
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Chromium	5.8	mg/kg	None
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Copper	1.9	mg/kg	None
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Iron	2400	mg/kg	None
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Mercury	0.0189	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Potassium	370	mg/kg	None
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Magnesium	440	mg/kg	None
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Sodium	120	mg/kg	None
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Nickel	3.5	mg/kg	None
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Lead	5.4	mg/kg	None
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Selenium	0.582	mg/kg	None
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Thallium	0.105	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Vanadium	2.4	mg/kg	None
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Zinc	16	mg/kg	None
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Gross alpha	24.4	pCi/g	None
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Americium-241	0.00333	pCi/g	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Gross beta	53.5	pCi/g	None
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Cobalt-60	-0.00666	pCi/g	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Cesium-134	0.0109	pCi/g	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Cesium-137	-0.0246	pCi/g	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Europium-152	-0.0139	pCi/g	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Tritium	299.7025	pCi/g	None
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Plutonium-238	0.00113	pCi/g	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Plutonium-239	0.0102	pCi/g	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Ruthenium-106	0.118	pCi/g	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Strontium-90	-0.0462	pCi/g	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Thorium-228	1.84	pCi/g	None
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Thorium-230	0.961	pCi/g	None
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Thorium-232	1.66	pCi/g	None
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Uranium-234	0.835	pCi/g	None
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Uranium-235	0.034	pCi/g	J-
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Uranium-238	0.856	pCi/g	None
21-11199	MD21-01-0020	12.0–13.0	Qbt3	DDD[4,4'-]	0.0018	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	DDE[4,4'-]	0.0018	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	DDT[4,4'-]	0.0018	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Aldrin	0.0018	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	BHC[alpha-]	0.0018	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Chlordane[alpha-]	0.0018	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	BHC[beta-]	0.0018	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	BHC[delta-]	0.0018	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Dieldrin	0.0018	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Endosulfan I	0.0018	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Endosulfan II	0.0018	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Endosulfan sulfate	0.0018	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Endrin	0.0018	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Endrin aldehyde	0.0018	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Endrin ketone	0.0018	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	BHC[gamma-]	0.0018	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Chlordane[gamma-]	0.0018	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Heptachlor	0.0018	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Heptachlor epoxide	0.0018	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Methoxychlor[4,4'-]	0.0036	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Toxaphene (technical grade)	0.072	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Aroclor-1016	0.036	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Aroclor-1221	0.036	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Aroclor-1232	0.036	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Aroclor-1242	0.036	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Aroclor-1248	0.036	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Aroclor-1254	0.036	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Aroclor-1260	0.036	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Tetrachloroethane[1,1,1,2-]	0.0059	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Trichloroethane[1,1,1-]	0.0059	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Tetrachloroethane[1,1,2,2-]	0.0059	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Trichloroethane[1,1,2-]	0.0059	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Dichloroethane[1,1-]	0.0059	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Dichloroethene[1,1-]	0.0059	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Dichloropropene[1,1-]	0.0059	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Trichloropropane[1,2,3-]	0.0059	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Trimethylbenzene[1,2,4-]	0.0059	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Dibromo-3-chloropropane[1,2-]	0.012	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Dibromoethane[1,2-]	0.0059	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Dichlorobenzene[1,2-]	0.0059	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Dichloroethane[1,2-]	0.0059	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Dichloroethene[cis/trans-1,2-]	0.0059	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Dichloropropane[1,2-]	0.0059	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Trimethylbenzene[1,3,5-]	0.0059	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Dichlorobenzene[1,3-]	0.0059	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Dichloropropane[1,3-]	0.0059	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Dichlorobenzene[1,4-]	0.0059	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Dichloropropane[2,2-]	0.0059	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Butanone[2-]	0.024	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Chlorotoluene[2-]	0.0059	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Hexanone[2-]	0.024	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Chlorotoluene[4-]	0.0059	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Isopropyltoluene[4-]	0.0059	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Methyl-2-pentanone[4-]	0.024	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Acetone	0.024	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Benzene	0.0059	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Bromobenzene	0.0059	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Bromochloromethane	0.0059	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Bromodichloromethane	0.0059	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Bromoform	0.0059	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Bromomethane	0.012	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Carbon disulfide	0.0059	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Carbon tetrachloride	0.0059	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Chlorobenzene	0.0059	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Chlorodibromomethane	0.0059	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Chloroethane	0.012	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Chloroform	0.0059	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Chloromethane	0.012	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Dichloropropene[cis-1,3-]	0.0059	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Dibromomethane	0.0059	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Dichlorodifluoromethane	0.012	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Ethylbenzene	0.0059	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Iodomethane	0.0059	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Isopropylbenzene	0.0059	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Methylene chloride	0.0059	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Butylbenzene[n-]	0.0059	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Propylbenzene[1-]	0.0059	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Butylbenzene[sec-]	0.0059	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Styrene	0.0059	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Butylbenzene[tert-]	0.0059	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Tetrachloroethene	0.0059	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Toluene	0.0059	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Dichloropropene[trans-1,3-]	0.0059	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Trichloroethene	0.0059	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Trichlorofluoromethane	0.012	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Trichlorotrifluoroethane	0.0059	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Vinyl chloride	0.012	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Xylene (total)	0.0059	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Trichlorobenzene[1,2,4-]	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Dichlorobenzene[1,2-]	0.36	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Dichlorobenzene[1,3-]	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Dichlorobenzene[1,4-]	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Oxybis(1-chloropropane)[2,2'-]	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Trichlorophenol[2,4,5-]	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Trichlorophenol[2,4,6-]	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Dichlorophenol[2,4-]	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Dimethylphenol[2,4-]	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Dinitrophenol[2,4-]	1.7	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Dinitrotoluene[2,4-]	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Dinitrotoluene[2,6-]	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Chloronaphthalene[2-]	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Chlorophenol[2-]	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Methylnaphthalene[2-]	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Methylphenol[2-]	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Nitroaniline[2-]	1.7	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Nitrophenol[2-]	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Dichlorobenzidine[3,3'-]	1.7	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Nitroaniline[3-]	1.7	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Bromophenyl-phenylether[4-]	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Chloro-3-methylphenol[4-]	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Chloroaniline[4-]	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Chlorophenyl-phenyl[4-] ether	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Methylphenol[4-]	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Nitroaniline[4-]	1.7	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Nitrophenol[4-]	1.7	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Acenaphthene	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Acenaphthylene	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Aniline	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Anthracene	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Azobenzene	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Benzo(a)anthracene	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Benzo(a)pyrene	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Benzo(b)fluoranthene	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Benzo(g,h,i)perylene	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Benzo(k)fluoranthene	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Benzoic acid	1.7	mg/kg	UJ
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Benzyl alcohol	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Bis(2-chloroethoxy)methane	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Bis(2-chloroethyl)ether	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Bis(2-ethylhexyl)phthalate	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Butylbenzylphthalate	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Chrysene	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Di-n-butylphthalate	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Di-n-octylphthalate	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Dibenz(a,h)anthracene	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Dibenzofuran	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Diethylphthalate	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Dimethyl phthalate	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Fluoranthene	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Fluorene	0.36	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Hexachlorobenzene	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Hexachlorobutadiene	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Hexachlorocyclopentadiene	1.7	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Hexachloroethane	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Indeno(1,2,3-cd)pyrene	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Isophorone	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Nitroso-di-n-propylamine[N-]	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Nitrosodimethylamine[N-]	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Nitrosodiphenylamine[N-]	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Naphthalene	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Nitrobenzene	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Pentachlorophenol	1.7	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Phenanthrene	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Phenol	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Pyrene	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Silver	0.111	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Aluminum	3200	mg/kg	None
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Arsenic	1.9	mg/kg	None
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Barium	16	mg/kg	None
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Beryllium	0.44	mg/kg	J
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Calcium	650	mg/kg	None
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Cadmium	0.0344	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Cobalt	0.59	mg/kg	J
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Chromium	17	mg/kg	None
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Copper	2.7	mg/kg	None
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Iron	2600	mg/kg	None
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Mercury	0.0194	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Potassium	590	mg/kg	None
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Magnesium	650	mg/kg	None
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Sodium	240	mg/kg	None
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Nickel	8.4	mg/kg	None
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Lead	3.6	mg/kg	None
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Selenium	0.571	mg/kg	None
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Thallium	0.108	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Vanadium	2.7	mg/kg	None
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Zinc	15	mg/kg	None
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Gross alpha	28.3	pCi/g	None
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Americium-241	0.00942	pCi/g	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Gross beta	50.7	pCi/g	None
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Cobalt-60	0.0175	pCi/g	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Cesium-134	0.00348	pCi/g	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Cesium-137	-0.0241	pCi/g	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Europium-152	-0.0138	pCi/g	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Tritium	562.5	pCi/g	None
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Plutonium-238	0.00148	pCi/g	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Plutonium-239	0.00333	pCi/g	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Ruthenium-106	0.0223	pCi/g	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Strontium-90	0.0878	pCi/g	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Thorium-228	1.83	pCi/g	None
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Thorium-230	1.01	pCi/g	None
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Thorium-232	1.77	pCi/g	None

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Uranium-234	0.949	pCi/g	None
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Uranium-235	0.0326	pCi/g	J-
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Uranium-238	0.928	pCi/g	None
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Endrin ketone	0.0017	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Heptachlor	0.0017	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Heptachlor epoxide	0.0017	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Methoxychlor[4,4'-]	0.0034	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Toxaphene (technical grade)	0.068	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Aldrin	0.0017	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	BHC[alpha-]	0.0017	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	BHC[beta-]	0.0017	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	BHC[delta-]	0.0017	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	BHC[gamma-]	0.0017	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Chlordane[alpha-]	0.0017	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Chlordane[gamma-]	0.0017	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	DDD[4,4'-]	0.0017	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	DDE[4,4'-]	0.0017	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	DDT[4,4'-]	0.0017	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Dieldrin	0.0017	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Endosulfan I	0.0017	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Endosulfan II	0.0017	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Endosulfan sulfate	0.0017	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Endrin	0.0017	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Endrin aldehyde	0.0017	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Aroclor-1016	0.034	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Aroclor-1221	0.034	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Aroclor-1232	0.034	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Aroclor-1242	0.034	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Aroclor-1248	0.034	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Aroclor-1254	0.034	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Aroclor-1260	0.034	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Acetone	0.026	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Benzene	0.0065	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Bromobenzene	0.0065	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Bromochloromethane	0.0065	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Bromodichloromethane	0.0065	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Bromoform	0.0065	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Bromomethane	0.013	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Butylbenzene[n-]	0.0065	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Butylbenzene[sec-]	0.0065	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Butylbenzene[tert-]	0.0065	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Carbon disulfide	0.0065	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Carbon tetrachloride	0.0065	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Chlorobenzene	0.0065	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Chlorodibromomethane	0.0065	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Dibromo-3-chloropropane[1,2-]	0.013	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Chloroethane	0.013	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Chloroform	0.0065	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Chloromethane	0.013	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Chlorotoluene[2-]	0.0065	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Chlorotoluene[4-]	0.0065	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Dibromoethane[1,2-]	0.0065	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Dichlorobenzene[1,2-]	0.0065	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Dichlorobenzene[1,3-]	0.0065	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Dichlorobenzene[1,4-]	0.0065	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Dichlorodifluoromethane	0.013	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Dichloroethane[1,1-]	0.0065	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Dichloroethane[1,2-]	0.0065	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Dichloroethene[1,1-]	0.0065	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Dichloroethene[cis/trans-1,2-]	0.0065	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Dichloropropane[1,2-]	0.0065	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Dichloropropane[1,3-]	0.0065	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Dichloropropane[2,2-]	0.0065	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Dichloropropene[1,1-]	0.0065	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Dichloropropene[cis-1,3-]	0.0065	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Dichloropropene[trans-1,3-]	0.0065	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Ethylbenzene	0.0065	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Trichlorofluoromethane	0.0014	mg/kg	J
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Hexanone[2-]	0.026	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Iodomethane	0.0065	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Isopropylbenzene	0.0065	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Isopropyltoluene[4-]	0.0065	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Methylene chloride	0.0065	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Methyl-2-pentanone[4-]	0.026	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Propylbenzene[1-]	0.0065	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Styrene	0.0065	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Tetrachloroethane[1,1,1,2-]	0.0065	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Tetrachloroethane[1,1,2,2-]	0.0065	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Tetrachloroethene	0.0065	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Toluene	0.0065	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Trichloroethane[1,1,1-]	0.0065	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Trichloroethane[1,1,2-]	0.0065	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Trichloroethene	0.0065	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Trichloropropane[1,2,3-]	0.0065	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Trimethylbenzene[1,2,4-]	0.0065	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Trimethylbenzene[1,3,5-]	0.0065	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Vinyl chloride	0.013	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Xylene (total)	0.0065	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0065	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Butanone[2-]	0.026	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Dibromomethane	0.0065	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Nitrosodimethylamine[N-]	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Phenol	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Aniline	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Bis(2-chloroethyl)ether	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Chlorophenol[2-]	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Dichlorobenzene[1,3-]	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Dichlorobenzene[1,4-]	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Benzyl alcohol	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Dichlorobenzene[1,2-]	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Methylphenol[2-]	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Oxybis(1-chloropropane)[2,2'-]	0.34	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Methylphenol[4-]	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Nitroso-di-n-propylamine[N-]	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Hexachloroethane	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Nitrobenzene	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Isophorone	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Nitrophenol[2-]	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Dimethylphenol[2,4-]	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Bis(2-chloroethoxy)methane	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Benzoic acid	1.6	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Dichlorophenol[2,4-]	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Trichlorobenzene[1,2,4-]	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Naphthalene	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Chloroaniline[4-]	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Hexachlorobutadiene	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Chloro-3-methylphenol[4-]	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Methylnaphthalene[2-]	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Hexachlorocyclopentadiene	1.6	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Trichlorophenol[2,4,6-]	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Trichlorophenol[2,4,5-]	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Chloronaphthalene[2-]	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Dimethyl phthalate	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Nitroaniline[2-]	1.6	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Acenaphthylene	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Dinitrotoluene[2,6-]	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Nitroaniline[3-]	1.6	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Acenaphthene	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Dinitrophenol[2,4-]	1.6	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Nitrophenol[4-]	1.6	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Dibenzofuran	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Dinitrotoluene[2,4-]	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Diethylphthalate	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Fluorene	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Chlorophenyl-phenyl[4-] ether	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Nitroaniline[4-]	1.6	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Dinitro-2-methylphenol[4,6-]	1.6	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Nitrosodiphenylamine[N-]	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Azobenzene	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Pyrene	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Bromophenyl-phenylether[4-]	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Hexachlorobenzene	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Pentachlorophenol	1.6	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Phenanthrene	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Anthracene	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Di-n-butylphthalate	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Fluoranthene	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Butylbenzylphthalate	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Benzo(a)anthracene	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Dichlorobenzidine[3,3'-]	1.6	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Chrysene	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Bis(2-ethylhexyl)phthalate	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Di-n-octylphthalate	0.34	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Benzo(b)fluoranthene	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Benzo(k)fluoranthene	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Benzo(a)pyrene	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Indeno(1,2,3-cd)pyrene	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Benzo(g,h,i)perylene	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Dibenz(a,h)anthracene	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Silver	0.106	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Aluminum	1300	mg/kg	None
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Arsenic	2	mg/kg	None
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Barium	8.6	mg/kg	None
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Beryllium	0.23	mg/kg	J
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Calcium	790	mg/kg	None
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Cadmium	0.033	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Cobalt	0.54	mg/kg	J
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Chromium	11	mg/kg	None
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Copper	1.1	mg/kg	None
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Iron	2600	mg/kg	None
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Mercury	0.0186	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Potassium	260	mg/kg	None
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Magnesium	290	mg/kg	None
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Manganese	140	mg/kg	None
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Sodium	120	mg/kg	None
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Nickel	6	mg/kg	None
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Lead	18	mg/kg	None
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Selenium	0.664	mg/kg	None
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Thallium	0.121	mg/kg	J
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Vanadium	2	mg/kg	None
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Zinc	18	mg/kg	None
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Gross alpha	17.2	pCi/g	None
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Americium-241	0.00157	pCi/g	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Gross beta	51.5	pCi/g	None
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Cobalt-60	0.0195	pCi/g	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Cesium-134	0.00143	pCi/g	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Cesium-137	-0.00978	pCi/g	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Europium-152	-0.0394	pCi/g	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Tritium	12.37113	pCi/g	J+
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Plutonium-238	-0.00158	pCi/g	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Plutonium-239	0.00896	pCi/g	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Ruthenium-106	0.083	pCi/g	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Strontium-90	0.105	pCi/g	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Thorium-228	1.91	pCi/g	None
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Thorium-230	1.03	pCi/g	None
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Thorium-232	1.74	pCi/g	None
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Uranium-234	0.878	pCi/g	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Uranium-235	0.0289	pCi/g	J-
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Uranium-238	0.902	pCi/g	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Endrin ketone	0.0018	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Heptachlor	0.0018	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Heptachlor epoxide	0.0018	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Methoxychlor[4,4'-]	0.0034	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Toxaphene (technical grade)	0.07	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Aldrin	0.0018	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	BHC[alpha-]	0.0018	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	BHC[beta-]	0.0018	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	BHC[delta-]	0.0018	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	BHC[gamma-]	0.0018	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Chlordane[alpha-]	0.0018	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Chlordane[gamma-]	0.0018	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	DDD[4,4'-]	0.0018	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	DDE[4,4'-]	0.0018	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	DDT[4,4'-]	0.0018	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Dieldrin	0.0018	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Endosulfan I	0.0018	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Endosulfan II	0.0018	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Endosulfan sulfate	0.0018	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Endrin	0.0018	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Endrin aldehyde	0.0018	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Aroclor-1016	0.034	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Aroclor-1232	0.034	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Aroclor-1221	0.034	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Aroclor-1242	0.034	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Aroclor-1248	0.034	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Aroclor-1254	0.034	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Aroclor-1260	0.034	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Acetone	0.026	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Benzene	0.0064	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Bromobenzene	0.0064	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Bromochloromethane	0.0064	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Bromodichloromethane	0.0064	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Bromoform	0.0064	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Bromomethane	0.013	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Butylbenzene[n-]	0.0064	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Butylbenzene[sec-]	0.0064	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Butylbenzene[tert-]	0.0064	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Carbon disulfide	0.0064	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Carbon tetrachloride	0.0064	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Chlorobenzene	0.0064	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Chlorodibromomethane	0.0064	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Dibromo-3-chloropropane[1,2-]	0.013	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Chloroethane	0.013	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Chloroform	0.0064	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Chloromethane	0.013	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Chlorotoluene[2-]	0.0064	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Chlorotoluene[4-]	0.0064	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Dibromoethane[1,2-]	0.0064	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Dibromomethane	0.0064	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Dichlorobenzene[1,2-]	0.0064	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Dichlorobenzene[1,3-]	0.0064	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Dichlorodifluoromethane	0.013	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Dichloroethane[1,1-]	0.0064	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Dichloroethane[1,2-]	0.0064	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Dichloroethene[1,1-]	0.0064	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Dichloroethene[cis/trans-1,2-]	0.0064	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Dichloropropane[1,2-]	0.0064	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Dichloropropane[1,3-]	0.0064	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Dichloropropane[2,2-]	0.0064	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Dichloropropene[cis-1,3-]	0.0064	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Dichloropropene[1,1-]	0.0064	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Dichloropropene[trans-1,3-]	0.0064	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Ethylbenzene	0.0064	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Trichlorofluoromethane	0.013	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Hexanone[2-]	0.026	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Iodomethane	0.0064	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Isopropylbenzene	0.0064	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Isopropyltoluene[4-]	0.0064	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Methylene chloride	0.0064	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Methyl-2-pentanone[4-]	0.026	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Propylbenzene[1-]	0.0064	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Styrene	0.0064	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Tetrachloroethane[1,1,1,2-]	0.0064	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Tetrachloroethane[1,1,2,2-]	0.0064	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Tetrachloroethene	0.0064	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Toluene	0.0064	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Trichloroethane[1,1,1-]	0.0064	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Trichloroethane[1,1,2-]	0.0064	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Trichloroethene	0.0064	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Trichloropropane[1,2,3-]	0.0064	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Trimethylbenzene[1,2,4-]	0.0064	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Trimethylbenzene[1,3,5-]	0.0064	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Vinyl chloride	0.013	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Xylene (total)	0.0064	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0064	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Butanone[2-]	0.026	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Nitrosodimethylamine[N-]	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Phenol	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Aniline	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Bis(2-chloroethyl)ether	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Chlorophenol[2-]	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Dichlorobenzene[1,4-]	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Benzyl alcohol	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Dichlorobenzene[1,2-]	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Methylphenol[2-]	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Oxybis(1-chloropropane)[2,2'-]	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Methylphenol[4-]	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Nitroso-di-n-propylamine[N-]	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Hexachloroethane	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Nitrobenzene	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Isophorone	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Nitrophenol[2-]	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Dimethylphenol[2,4-]	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Bis(2-chloroethoxy)methane	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Benzoic acid	1.7	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Dichlorophenol[2,4-]	0.34	mg/kg	UJ

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Trichlorobenzene[1,2,4-]	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Naphthalene	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Chloroaniline[4-]	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Hexachlorobutadiene	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Chloro-3-methylphenol[4-]	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Methylnaphthalene[2-]	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Hexachlorocyclopentadiene	1.7	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Dichlorobenzene[1,3-]	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Trichlorophenol[2,4,6-]	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Trichlorophenol[2,4,5-]	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Chloronaphthalene[2-]	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Nitroaniline[2-]	1.7	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Dimethyl phthalate	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Acenaphthylene	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Dinitrotoluene[2,6-]	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Nitroaniline[3-]	1.7	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Acenaphthene	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Dinitrophenol[2,4-]	1.7	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Nitrophenol[4-]	1.7	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Dibenzofuran	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Dinitrotoluene[2,4-]	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Diethylphthalate	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Fluorene	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Chlorophenyl-phenyl[4-] ether	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Nitroaniline[4-]	1.7	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Nitrosodiphenylamine[N-]	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Azobenzene	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Pyrene	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Bromophenyl-phenylether[4-]	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Hexachlorobenzene	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Pentachlorophenol	1.7	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Phenanthrene	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Anthracene	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Di-n-butylphthalate	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Fluoranthene	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Butylbenzylphthalate	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Benzo(a)anthracene	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Dichlorobenzidine[3,3'-]	1.7	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Chrysene	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Bis(2-ethylhexyl)phthalate	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Di-n-octylphthalate	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Benzo(b)fluoranthene	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Benzo(k)fluoranthene	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Benzo(a)pyrene	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Indeno(1,2,3-cd)pyrene	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Benzo(g,h,i)perylene	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Dibenz(a,h)anthracene	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Silver	0.108	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Aluminum	3700	mg/kg	None
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Arsenic	2.4	mg/kg	None

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Barium	24	mg/kg	None
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Beryllium	0.33	mg/kg	J
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Calcium	2000	mg/kg	None
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Cadmium	0.0337	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Cobalt	0.9	mg/kg	J
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Chromium	7.1	mg/kg	None
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Copper	1.7	mg/kg	None
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Iron	3800	mg/kg	None
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Mercury	0.0189	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Potassium	480	mg/kg	None
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Magnesium	640	mg/kg	None
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Manganese	130	mg/kg	None
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Sodium	90	mg/kg	None
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Nickel	4.3	mg/kg	None
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Lead	9	mg/kg	None
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Selenium	0.554	mg/kg	None
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Thallium	0.105	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Vanadium	3.5	mg/kg	None
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Zinc	17	mg/kg	None
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Gross alpha	16.3	pCi/g	None
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Americium-241	0.00158	pCi/g	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Gross beta	49.8	pCi/g	None
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Cobalt-60	0.0142	pCi/g	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Cesium-134	-0.00373	pCi/g	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Cesium-137	-0.019	pCi/g	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Europium-152	-0.0329	pCi/g	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Tritium	30.47368	pCi/g	J+
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Plutonium-238	-0.00035	pCi/g	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Plutonium-239	0.00318	pCi/g	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Ruthenium-106	0.000365	pCi/g	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Strontium-90	0.0187	pCi/g	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Thorium-228	1.95	pCi/g	None
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Thorium-230	1	pCi/g	None
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Thorium-232	1.81	pCi/g	None
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Uranium-234	0.898	pCi/g	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Uranium-235	0.0377	pCi/g	J-
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Uranium-238	0.866	pCi/g	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Endrin ketone	0.0018	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Heptachlor	0.0018	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Heptachlor epoxide	0.0018	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Methoxychlor[4,4'-]	0.0035	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Toxaphene (technical grade)	0.071	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Aldrin	0.0018	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	BHC[alpha-]	0.0018	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	BHC[beta-]	0.0018	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	BHC[delta-]	0.0018	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	BHC[gamma-]	0.0018	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Chlordane[alpha-]	0.0018	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Chlordane[gamma-]	0.0018	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	DDD[4,4'-]	0.0018	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	DDE[4,4'-]	0.0018	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11200	MD21-01-0056	17.0–18.0	Qbt3	DDT[4,4'-]	0.0018	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Dieldrin	0.0018	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Endosulfan I	0.0018	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Endosulfan II	0.0018	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Endosulfan sulfate	0.0018	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Endrin	0.0018	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Aroclor-1221	0.035	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Aroclor-1232	0.035	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Aroclor-1242	0.035	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Aroclor-1248	0.035	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Aroclor-1254	0.035	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Aroclor-1260	0.035	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Aroclor-1016	0.035	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Acetone	0.017	mg/kg	J
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Benzene	0.0063	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Bromobenzene	0.0063	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Bromochloromethane	0.0063	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Bromoform	0.0063	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Bromodichloromethane	0.0063	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Bromomethane	0.013	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Butylbenzene[n-]	0.0063	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Butylbenzene[sec-]	0.0063	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Butylbenzene[tert-]	0.0063	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Carbon disulfide	0.0063	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Carbon tetrachloride	0.0063	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Chlorobenzene	0.0063	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Chlorodibromomethane	0.0063	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Dibromo-3-chloropropane[1,2-]	0.013	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Chloroethane	0.013	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Chloroform	0.0063	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Chloromethane	0.013	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Chlorotoluene[2-]	0.0063	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Chlorotoluene[4-]	0.0063	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Dibromoethane[1,2-]	0.0063	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Dibromomethane	0.0063	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Dichlorobenzene[1,2-]	0.0063	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Dichlorobenzene[1,3-]	0.0063	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Dichlorobenzene[1,4-]	0.0063	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Dichlorodifluoromethane	0.013	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Dichloroethane[1,1-]	0.0063	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Dichloroethane[1,2-]	0.0063	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Dichloroethene[1,1-]	0.0063	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Dichloroethene[cis/trans-1,2-]	0.0063	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Dichloropropane[1,2-]	0.0063	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Dichloropropane[1,3-]	0.0063	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Dichloropropane[2,2-]	0.0063	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Dichloropropene[1,1-]	0.0063	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Dichloropropene[cis-1,3-]	0.0063	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Dichloropropene[trans-1,3-]	0.0063	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Ethylbenzene	0.0063	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Trichlorofluoromethane	0.013	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Hexanone[2-]	0.025	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Iodomethane	0.0063	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Isopropylbenzene	0.0063	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Isopropyltoluene[4-]	0.0063	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Methylene chloride	0.0063	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Methyl-2-pentanone[4-]	0.025	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Propylbenzene[1-]	0.0063	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Styrene	0.0063	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Tetrachloroethane[1,1,1,2-]	0.0063	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Tetrachloroethane[1,1,2,2-]	0.0063	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Tetrachloroethene	0.0063	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Toluene	0.0063	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Trichloroethane[1,1,1-]	0.0063	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Trichloroethane[1,1,2-]	0.0063	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Trichloroethene	0.0063	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Trichloropropane[1,2,3-]	0.0063	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Trimethylbenzene[1,2,4-]	0.0063	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Trimethylbenzene[1,3,5-]	0.0063	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Vinyl chloride	0.013	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Xylene (total)	0.0063	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0063	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Butanone[2-]	0.025	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Nitrosodimethylamine[N-]	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Phenol	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Aniline	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Bis(2-chloroethyl)ether	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Chlorophenol[2-]	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Dichlorobenzene[1,3-]	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Dichlorobenzene[1,4-]	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Benzyl alcohol	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Dichlorobenzene[1,2-]	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Methylphenol[2-]	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Methylphenol[4-]	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Hexachloroethane	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Nitrobenzene	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Isophorone	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Nitrophenol[2-]	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Dimethylphenol[2,4-]	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Bis(2-chloroethoxy)methane	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Benzoic acid	1.7	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Dichlorophenol[2,4-]	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Trichlorobenzene[1,2,4-]	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Naphthalene	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Chloroaniline[4-]	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Hexachlorobutadiene	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Chloro-3-methylphenol[4-]	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Methylnaphthalene[2-]	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Hexachlorocyclopentadiene	1.7	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Trichlorophenol[2,4,6-]	0.35	mg/kg	UJ

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Trichlorophenol[2,4,5-]	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Chloronaphthalene[2-]	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Nitroaniline[2-]	1.7	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Dimethyl phthalate	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Acenaphthylene	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Dinitrotoluene[2,6-]	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Nitroaniline[3-]	1.7	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Acenaphthene	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Dinitrophenol[2,4-]	1.7	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Nitrophenol[4-]	1.7	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Dibenzofuran	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Dinitrotoluene[2,4-]	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Diethylphthalate	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Fluorene	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Chlorophenyl-phenyl[4-] ether	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Nitroaniline[4-]	1.7	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Nitrosodiphenylamine[N-]	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Azobenzene	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Pyrene	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Bromophenyl-phenylether[4-]	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Hexachlorobenzene	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Pentachlorophenol	1.7	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Phenanthrene	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Anthracene	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Di-n-butylphthalate	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Fluoranthene	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Butylbenzylphthalate	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Benzo(a)anthracene	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Dichlorobenzidine[3,3'-]	1.7	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Chrysene	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Bis(2-ethylhexyl)phthalate	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Di-n-octylphthalate	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Benzo(b)fluoranthene	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Benzo(k)fluoranthene	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Benzo(a)pyrene	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Benzo(g,h,i)perylene	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Dibenz(a,h)anthracene	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Silver	0.107	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Aluminum	4100	mg/kg	None
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Arsenic	2.6	mg/kg	None
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Barium	36	mg/kg	None
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Beryllium	0.38	mg/kg	J
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Calcium	2100	mg/kg	None
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Cadmium	0.0333	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Cobalt	1.1	mg/kg	None
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Chromium	13	mg/kg	None
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Copper	2.2	mg/kg	None
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Iron	4600	mg/kg	None
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Mercury	0.0188	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Potassium	550	mg/kg	None
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Magnesium	780	mg/kg	None
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Manganese	200	mg/kg	None
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Sodium	98	mg/kg	None
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Nickel	7.7	mg/kg	None
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Lead	19	mg/kg	None
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Selenium	0.582	mg/kg	None
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Thallium	0.104	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Vanadium	4.5	mg/kg	None
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Zinc	21	mg/kg	None
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Gross alpha	23.8	pCi/g	None
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Americium-241	0.00611	pCi/g	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Gross beta	48.5	pCi/g	None
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Cobalt-60	-0.0137	pCi/g	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Cesium-134	-0.00297	pCi/g	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Cesium-137	-0.0328	pCi/g	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Europium-152	-0.00712	pCi/g	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Tritium	20.58333	pCi/g	J+
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Plutonium-238	0.0014	pCi/g	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Plutonium-239	0.00524	pCi/g	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Ruthenium-106	0.0898	pCi/g	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Strontium-90	0.00665	pCi/g	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Thorium-228	1.95	pCi/g	None
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Thorium-230	1.09	pCi/g	None
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Thorium-232	1.9	pCi/g	None
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Uranium-234	0.89	pCi/g	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Uranium-235	0.0314	pCi/g	J-
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Uranium-238	0.867	pCi/g	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Plutonium-239	0.00932	pCi/g	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Thorium-228	1.25	pCi/g	None
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Thorium-230	0.658	pCi/g	None
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Thorium-232	1.08	pCi/g	None
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Uranium-234	0.714	pCi/g	None
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Uranium-238	0.723	pCi/g	None
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Tritium	1027.225	pCi/g	None
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Ruthenium-106	0.0296	pCi/g	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Strontium-90	0.00526	pCi/g	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Plutonium-238	0	pCi/g	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Americium-241	0.00489	pCi/g	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Cobalt-60	0.0325	pCi/g	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Uranium-235	0.0281	pCi/g	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Cesium-137	-0.0534	pCi/g	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Europium-152	-0.0543	pCi/g	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Cesium-134	0.0553	pCi/g	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Antimony	0.82	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Cadmium	0.065	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	DDD[4,4'-]	0.0018	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	DDE[4,4'-]	0.0018	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	DDT[4,4'-]	0.0018	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Aldrin	0.0018	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	BHC[alpha-]	0.0018	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Chlordane[alpha-]	0.0018	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	BHC[beta-]	0.0018	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	BHC[delta-]	0.0018	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Dieldrin	0.0018	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Endosulfan I	0.0018	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Endosulfan II	0.0018	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Endosulfan sulfate	0.0018	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Endrin	0.0018	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Endrin aldehyde	0.0018	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Endrin ketone	0.0018	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	BHC[gamma-]	0.0018	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Chlordane[gamma-]	0.0018	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Heptachlor	0.0018	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Heptachlor epoxide	0.0018	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Methoxychlor[4,4'-]	0.0035	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Toxaphene (technical grade)	0.07	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Aroclor-1016	0.035	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Aroclor-1221	0.035	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Aroclor-1232	0.035	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Aroclor-1242	0.035	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Aroclor-1248	0.035	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Aroclor-1254	0.035	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Aroclor-1260	0.035	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Tetrachloroethane[1,1,1,2-]	0.0076	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Trichloroethane[1,1,1-]	0.0076	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Tetrachloroethane[1,1,2,2-]	0.0076	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Trichloroethane[1,1,2-]	0.0076	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Dichloroethane[1,1-]	0.0076	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Dichloroethene[1,1-]	0.0076	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Dichloropropene[1,1-]	0.0076	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Trichloropropane[1,2,3-]	0.0076	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Trimethylbenzene[1,2,4-]	0.0076	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Dibromo-3-chloropropane[1,2-]	0.015	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Dibromoethane[1,2-]	0.0076	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Dichlorobenzene[1,2-]	0.0076	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Dichloroethane[1,2-]	0.0076	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Dichloroethene[cis/trans-1,2-]	0.0076	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Dichloropropane[1,2-]	0.0076	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Trimethylbenzene[1,3,5-]	0.0076	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Dichlorobenzene[1,3-]	0.0076	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Dichloropropane[1,3-]	0.0076	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Dichlorobenzene[1,4-]	0.0076	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Dichloropropane[2,2-]	0.0076	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Butanone[2-]	0.031	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Chlorotoluene[2-]	0.0076	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Hexanone[2-]	0.031	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Chlorotoluene[4-]	0.0076	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Isopropyltoluene[4-]	0.0076	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Methyl-2-pentanone[4-]	0.031	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Acetone	0.031	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Benzene	0.0076	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Bromobenzene	0.0076	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Bromochloromethane	0.0076	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Bromodichloromethane	0.0076	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Bromoform	0.0076	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Bromomethane	0.015	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Carbon disulfide	0.0076	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Carbon tetrachloride	0.0076	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Chlorobenzene	0.0076	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Chlorodibromomethane	0.0076	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Chloroethane	0.015	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Chloroform	0.0076	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Chloromethane	0.015	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Dichloropropene[cis-1,3-]	0.0076	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Dibromomethane	0.0076	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Dichlorodifluoromethane	0.015	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Ethylbenzene	0.0076	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Iodomethane	0.0076	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Isopropylbenzene	0.0076	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Methylene chloride	0.0076	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Butylbenzene[n-]	0.0076	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Propylbenzene[1-]	0.0076	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Butylbenzene[sec-]	0.0076	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Styrene	0.0076	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Butylbenzene[tert-]	0.0076	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Tetrachloroethene	0.0076	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Toluene	0.0076	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Dichloropropene[trans-1,3-]	0.0076	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Trichloroethene	0.0076	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Trichlorofluoromethane	0.015	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0076	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Vinyl chloride	0.015	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Xylene (total)	0.0076	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Trichlorobenzene[1,2,4-]	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Dichlorobenzene[1,2-]	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Dichlorobenzene[1,3-]	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Dichlorobenzene[1,4-]	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Trichlorophenol[2,4,5-]	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Trichlorophenol[2,4,6-]	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Dichlorophenol[2,4-]	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Dimethylphenol[2,4-]	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Dinitrophenol[2,4-]	1.7	mg/kg	UJ
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Dinitrotoluene[2,4-]	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Dinitrotoluene[2,6-]	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Chloronaphthalene[2-]	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Chlorophenol[2-]	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Methylnaphthalene[2-]	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Methylphenol[2-]	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Nitroaniline[2-]	1.7	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Nitrophenol[2-]	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Dichlorobenzidine[3,3'-]	1.7	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Nitroaniline[3-]	1.7	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Bromophenyl-phenylether[4-]	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Chloro-3-methylphenol[4-]	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Chloroaniline[4-]	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Chlorophenyl-phenyl[4-] ether	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Methylphenol[4-]	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Nitroaniline[4-]	1.7	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Nitrophenol[4-]	1.7	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Acenaphthene	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Acenaphthylene	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Aniline	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Anthracene	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Azobenzene	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Benzo(a)anthracene	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Benzo(a)pyrene	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Benzo(b)fluoranthene	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Benzo(g,h,i)perylene	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Benzo(k)fluoranthene	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Benzoic acid	0.099	mg/kg	J
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Benzyl alcohol	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Bis(2-chloroethoxy)methane	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Bis(2-chloroethyl)ether	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Bis(2-ethylhexyl)phthalate	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Butylbenzylphthalate	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Chrysene	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Di-n-butylphthalate	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Di-n-octylphthalate	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Dibenz(a,h)anthracene	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Dibenzofuran	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Diethylphthalate	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Dimethyl phthalate	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Fluoranthene	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Fluorene	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Hexachlorobenzene	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Hexachlorobutadiene	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Hexachlorocyclopentadiene	1.7	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Hexachloroethane	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Isophorone	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Nitrosodimethylamine[N-]	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Nitrosodiphenylamine[N-]	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Naphthalene	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Nitrobenzene	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Pentachlorophenol	1.7	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Phenanthrene	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Phenol	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Pyrene	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Aluminum	545	mg/kg	J+
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Arsenic	0.37	mg/kg	J

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Barium	4.8	mg/kg	J
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Beryllium	0.17	mg/kg	J
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Calcium	918	mg/kg	None
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Chromium	74.5	mg/kg	None
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Cobalt	0.51	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Copper	5.3	mg/kg	J
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Iron	4140	mg/kg	None
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Lead	2.2	mg/kg	None
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Magnesium	156	mg/kg	J
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Manganese	215	mg/kg	J-
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Nickel	33.2	mg/kg	None
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Potassium	244	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Selenium	0.46	mg/kg	J-
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Silver	0.47	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Sodium	160	mg/kg	J
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Thallium	1.6	mg/kg	J-
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Vanadium	1.4	mg/kg	J
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Zinc	22.6	mg/kg	None
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Mercury	0.017	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Plutonium-239	0.00935	pCi/g	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Thorium-228	1.15	pCi/g	None
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Thorium-230	0.605	pCi/g	None
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Thorium-232	0.995	pCi/g	None
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Uranium-235	0.0296	pCi/g	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Europium-152	-0.0575	pCi/g	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Strontium-90	0.0706	pCi/g	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Americium-241	0.0131	pCi/g	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Uranium-234	0.726	pCi/g	None
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Uranium-238	0.737	pCi/g	None
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Cobalt-60	0.00184	pCi/g	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Plutonium-238	0	pCi/g	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Ruthenium-106	0.0588	pCi/g	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Cesium-137	-0.011	pCi/g	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Cesium-134	0.0888	pCi/g	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Tritium	935.618	pCi/g	None
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Antimony	0.89	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Cadmium	0.071	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	DDD[4,4'-]	0.0019	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	DDE[4,4'-]	0.0019	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	DDT[4,4'-]	0.0019	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Aldrin	0.0019	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	BHC[alpha-]	0.0019	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Chlordane[alpha-]	0.0019	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	BHC[beta-]	0.0019	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	BHC[delta-]	0.0019	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Dieldrin	0.0019	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Endosulfan I	0.0019	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Endosulfan II	0.0019	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Endosulfan sulfate	0.0019	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Endrin	0.0019	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Endrin aldehyde	0.0019	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Endrin ketone	0.0019	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	BHC[gamma-]	0.0019	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Chlordane[gamma-]	0.0019	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Heptachlor	0.0019	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Heptachlor epoxide	0.0019	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Methoxychlor[4,4'-]	0.0037	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Toxaphene (technical grade)	0.076	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Aroclor-1016	0.037	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Aroclor-1221	0.037	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Aroclor-1232	0.037	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Aroclor-1242	0.037	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Aroclor-1248	0.037	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Aroclor-1254	0.037	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Aroclor-1260	0.037	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Tetrachloroethane[1,1,1,2-]	0.006	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Trichloroethane[1,1,1-]	0.006	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Tetrachloroethane[1,1,2,2-]	0.006	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Trichloroethane[1,1,2-]	0.006	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Dichloroethane[1,1-]	0.006	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Dichloroethene[1,1-]	0.006	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Dichloropropene[1,1-]	0.006	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Trichloropropane[1,2,3-]	0.006	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Trimethylbenzene[1,2,4-]	0.006	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Dibromo-3-chloropropane[1,2-]	0.012	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Dibromoethane[1,2-]	0.006	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Dichlorobenzene[1,2-]	0.006	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Dichloroethane[1,2-]	0.006	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Dichloroethene[cis/trans-1,2-]	0.006	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Dichloropropane[1,2-]	0.006	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Trimethylbenzene[1,3,5-]	0.006	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Dichlorobenzene[1,3-]	0.006	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Dichloropropane[1,3-]	0.006	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Dichlorobenzene[1,4-]	0.006	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Dichloropropane[2,2-]	0.006	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Butanone[2-]	0.024	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Chlorotoluene[2-]	0.006	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Hexanone[2-]	0.024	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Chlorotoluene[4-]	0.006	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Isopropyltoluene[4-]	0.006	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Methyl-2-pentanone[4-]	0.024	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Acetone	0.024	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Benzene	0.006	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Bromobenzene	0.006	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Bromochloromethane	0.006	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Bromodichloromethane	0.006	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Bromoform	0.006	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Bromomethane	0.012	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Carbon disulfide	0.006	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Carbon tetrachloride	0.006	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Chlorobenzene	0.006	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Chlorodibromomethane	0.006	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Chloroethane	0.012	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Chloroform	0.006	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Chloromethane	0.012	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Dichloropropene[cis-1,3-]	0.006	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Dibromomethane	0.006	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Dichlorodifluoromethane	0.012	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Ethylbenzene	0.006	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Iodomethane	0.006	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Isopropylbenzene	0.006	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Methylene chloride	0.006	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Butylbenzene[n-]	0.006	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Propylbenzene[1-]	0.006	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Butylbenzene[sec-]	0.006	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Styrene	0.006	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Butylbenzene[tert-]	0.006	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Tetrachloroethene	0.006	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Toluene	0.006	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Dichloropropene[trans-1,3-]	0.006	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Trichloroethene	0.006	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Trichlorofluoromethane	0.012	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.006	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Vinyl chloride	0.012	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Xylene (total)	0.006	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Trichlorobenzene[1,2,4-]	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Dichlorobenzene[1,2-]	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Dichlorobenzene[1,3-]	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Dichlorobenzene[1,4-]	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Oxybis(1-chloropropane)[2,2'-]	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Trichlorophenol[2,4,5-]	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Trichlorophenol[2,4,6-]	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Dichlorophenol[2,4-]	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Dimethylphenol[2,4-]	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Dinitrophenol[2,4-]	1.8	mg/kg	UJ
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Dinitrotoluene[2,4-]	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Dinitrotoluene[2,6-]	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Chloronaphthalene[2-]	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Chlorophenol[2-]	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Methylnaphthalene[2-]	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Methylphenol[2-]	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Nitroaniline[2-]	1.8	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Nitrophenol[2-]	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Dichlorobenzidine[3,3'-]	1.8	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Nitroaniline[3-]	1.8	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Dinitro-2-methylphenol[4,6-]	1.8	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Bromophenyl-phenylether[4-]	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Chloro-3-methylphenol[4-]	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Chloroaniline[4-]	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Chlorophenyl-phenyl[4-] ether	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Methylphenol[4-]	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Nitroaniline[4-]	1.8	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Nitrophenol[4-]	1.8	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Acenaphthene	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Acenaphthylene	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Aniline	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Anthracene	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Azobenzene	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Benzo(a)anthracene	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Benzo(a)pyrene	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Benzo(b)fluoranthene	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Benzo(g,h,i)perylene	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Benzo(k)fluoranthene	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Benzoic acid	0.11	mg/kg	J
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Benzyl alcohol	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Bis(2-chloroethoxy)methane	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Bis(2-chloroethyl)ether	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Bis(2-ethylhexyl)phthalate	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Butylbenzylphthalate	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Chrysene	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Di-n-butylphthalate	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Di-n-octylphthalate	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Dibenz(a,h)anthracene	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Dibenzofuran	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Diethylphthalate	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Dimethyl phthalate	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Fluoranthene	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Fluorene	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Hexachlorobenzene	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Hexachlorobutadiene	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Hexachlorocyclopentadiene	1.8	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Hexachloroethane	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Indeno(1,2,3-cd)pyrene	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Isophorone	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Nitroso-di-n-propylamine[N-]	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Nitrosodimethylamine[N-]	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Nitrosodiphenylamine[N-]	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Naphthalene	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Nitrobenzene	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Pentachlorophenol	1.8	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Phenanthrene	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Phenol	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Pyrene	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Aluminum	733	mg/kg	J+
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Arsenic	0.12	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Barium	6.7	mg/kg	J
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Beryllium	0.18	mg/kg	J
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Calcium	830	mg/kg	None
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Chromium	9.8	mg/kg	None
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Cobalt	0.78	mg/kg	J
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Copper	15.1	mg/kg	J
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Iron	4340	mg/kg	None
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Lead	3	mg/kg	None
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Magnesium	195	mg/kg	J

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Manganese	217	mg/kg	J-
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Nickel	6.5	mg/kg	None
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Potassium	287	mg/kg	J
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Selenium	0.4	mg/kg	J-
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Silver	0.51	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Sodium	156	mg/kg	J
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Thallium	0.36	mg/kg	J
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Vanadium	1	mg/kg	J
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Zinc	35.7	mg/kg	None
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Mercury	0.019	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Americium-241	0.00321	pCi/g	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Cobalt-60	-0.0128	pCi/g	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Cesium-134	0.122	pCi/g	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Cesium-137	-0.00459	pCi/g	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Europium-152	0.00576	pCi/g	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Tritium	1328.415	pCi/g	None
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Plutonium-238	-0.0007	pCi/g	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Plutonium-239	0.0116	pCi/g	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Ruthenium-106	0.00956	pCi/g	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Strontium-90	0.0542	pCi/g	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Uranium-234	0.723	pCi/g	None
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Uranium-235	0.029	pCi/g	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Uranium-238	0.736	pCi/g	None
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Thorium-228	1.07	pCi/g	None
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Thorium-230	0.612	pCi/g	None
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Thorium-232	0.973	pCi/g	None
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Antimony	0.86	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Cadmium	0.068	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	DDD[4,4'-]	0.0019	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	DDE[4,4'-]	0.0019	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	DDT[4,4'-]	0.0019	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Aldrin	0.0019	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	BHC[alpha-]	0.0019	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Chlordane[alpha-]	0.0019	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	BHC[beta-]	0.0019	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	BHC[delta-]	0.0019	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Dieldrin	0.0019	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Endosulfan I	0.0019	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Endosulfan II	0.0019	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Endosulfan sulfate	0.0019	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Endrin	0.0019	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Endrin aldehyde	0.0019	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Endrin ketone	0.0019	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	BHC[gamma-]	0.0019	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Chlordane[gamma-]	0.0019	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Heptachlor	0.0019	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Heptachlor epoxide	0.0019	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Methoxychlor[4,4'-]	0.0036	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Toxaphene (technical grade)	0.073	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Aroclor-1016	0.036	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Aroclor-1221	0.036	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Aroclor-1232	0.036	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Aroclor-1242	0.036	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Aroclor-1248	0.036	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Aroclor-1254	0.036	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Aroclor-1260	0.036	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Tetrachloroethane[1,1,1,2-]	0.0071	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Trichloroethane[1,1,1-]	0.0071	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Tetrachloroethane[1,1,2,2-]	0.0071	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Trichloroethane[1,1,2-]	0.0071	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Dichloroethane[1,1-]	0.0071	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Dichloroethene[1,1-]	0.0071	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Dichloropropene[1,1-]	0.0071	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Trichloropropane[1,2,3-]	0.0071	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Trimethylbenzene[1,2,4-]	0.0071	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Dibromo-3-chloropropane[1,2-]	0.014	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Dibromoethane[1,2-]	0.0071	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Dichlorobenzene[1,2-]	0.0071	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Dichloroethane[1,2-]	0.0071	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Dichloroethene[cis/trans-1,2-]	0.0071	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Dichloropropane[1,2-]	0.0071	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Trimethylbenzene[1,3,5-]	0.0071	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Dichlorobenzene[1,3-]	0.0071	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Dichloropropane[1,3-]	0.0071	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Dichlorobenzene[1,4-]	0.0071	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Dichloropropane[2,2-]	0.0071	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Butanone[2-]	0.028	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Chlorotoluene[2-]	0.0071	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Hexanone[2-]	0.028	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Chlorotoluene[4-]	0.0071	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Isopropyltoluene[4-]	0.0071	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Methyl-2-pentanone[4-]	0.028	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Acetone	0.016	mg/kg	J
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Benzene	0.0071	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Bromobenzene	0.0071	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Bromochloromethane	0.0071	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Bromodichloromethane	0.0071	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Bromoform	0.0071	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Bromomethane	0.014	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Carbon disulfide	0.0071	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Carbon tetrachloride	0.0071	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Chlorobenzene	0.0071	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Chlorodibromomethane	0.0071	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Chloroethane	0.014	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Chloroform	0.0071	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Chloromethane	0.014	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Dichloropropene[cis-1,3-]	0.0071	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Dibromomethane	0.0071	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Dichlorodifluoromethane	0.014	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Ethylbenzene	0.0071	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Iodomethane	0.0071	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Isopropylbenzene	0.0071	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Methylene chloride	0.0071	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Butylbenzene[n-]	0.0071	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Propylbenzene[1-]	0.0071	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Butylbenzene[sec-]	0.0071	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Styrene	0.0071	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Butylbenzene[tert-]	0.0071	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Tetrachloroethene	0.0071	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Toluene	0.0071	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Dichloropropene[trans-1,3-]	0.0071	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Trichloroethene	0.0071	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Trichlorofluoromethane	0.014	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0071	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Vinyl chloride	0.014	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Xylene (total)	0.0071	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Trichlorobenzene[1,2,4-]	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Dichlorobenzene[1,2-]	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Dichlorobenzene[1,3-]	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Dichlorobenzene[1,4-]	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Oxybis(1-chloropropane)[2,2'-]	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Trichlorophenol[2,4,5-]	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Trichlorophenol[2,4,6-]	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Dichlorophenol[2,4-]	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Dimethylphenol[2,4-]	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Dinitrophenol[2,4-]	1.7	mg/kg	UJ
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Dinitrotoluene[2,4-]	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Dinitrotoluene[2,6-]	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Chloronaphthalene[2-]	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Chlorophenol[2-]	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Methylnaphthalene[2-]	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Methylphenol[2-]	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Nitroaniline[2-]	1.7	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Nitrophenol[2-]	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Dichlorobenzidine[3,3'-]	1.7	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Nitroaniline[3-]	1.7	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Bromophenyl-phenylether[4-]	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Chloro-3-methylphenol[4-]	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Chloroaniline[4-]	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Chlorophenyl-phenyl[4-] ether	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Methylphenol[4-]	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Nitroaniline[4-]	1.7	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Nitrophenol[4-]	1.7	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Acenaphthene	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Acenaphthylene	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Aniline	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Anthracene	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Azobenzene	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Benzo(a)anthracene	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Benzo(a)pyrene	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Benzo(b)fluoranthene	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Benzo(g,h,i)perylene	0.36	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Benzo(k)fluoranthene	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Benzoic acid	0.089	mg/kg	J
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Benzyl alcohol	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Bis(2-chloroethoxy)methane	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Bis(2-chloroethyl)ether	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Bis(2-ethylhexyl)phthalate	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Butylbenzylphthalate	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Chrysene	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Di-n-butylphthalate	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Di-n-octylphthalate	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Dibenz(a,h)anthracene	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Dibenzofuran	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Diethylphthalate	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Dimethyl phthalate	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Fluoranthene	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Fluorene	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Hexachlorobenzene	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Hexachlorobutadiene	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Hexachlorocyclopentadiene	1.7	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Hexachloroethane	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Indeno(1,2,3-cd)pyrene	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Isophorone	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Nitroso-di-n-propylamine[N-]	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Nitrosodimethylamine[N-]	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Nitrosodiphenylamine[N-]	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Naphthalene	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Nitrobenzene	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Pentachlorophenol	1.7	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Phenanthrene	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Phenol	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Pyrene	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Aluminum	3590	mg/kg	J+
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Arsenic	0.59	mg/kg	J
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Barium	48.7	mg/kg	None
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Beryllium	0.45	mg/kg	J
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Calcium	11300	mg/kg	None
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Chromium	6.6	mg/kg	None
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Cobalt	0.9	mg/kg	J
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Copper	2.5	mg/kg	J
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Iron	5260	mg/kg	None
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Lead	5.3	mg/kg	None
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Magnesium	1220	mg/kg	None
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Manganese	183	mg/kg	J-
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Nickel	4.9	mg/kg	None
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Potassium	576	mg/kg	None
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Selenium	0.26	mg/kg	J-
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Silver	0.49	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Sodium	115	mg/kg	J
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Thallium	0.28	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Vanadium	5.8	mg/kg	None
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Zinc	24.9	mg/kg	None

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Mercury	0.037	mg/kg	None
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Plutonium-239	0.00139	pCi/g	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Thorium-228	1.32	pCi/g	None
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Thorium-230	0.735	pCi/g	None
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Thorium-232	1.12	pCi/g	None
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Uranium-235	0.0375	pCi/g	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Ruthenium-106	0.0167	pCi/g	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Uranium-238	0.735	pCi/g	None
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Tritium	592.5342	pCi/g	None
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Plutonium-238	0.00313	pCi/g	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Strontium-90	0.0409	pCi/g	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Europium-152	0.0193	pCi/g	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Cesium-137	-0.0196	pCi/g	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Americium-241	0.00144	pCi/g	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Uranium-234	0.667	pCi/g	None
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Cesium-134	0.0751	pCi/g	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Cobalt-60	0.004	pCi/g	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Antimony	0.83	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Cadmium	0.066	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	DDD[4,4'-]	0.0018	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	DDE[4,4'-]	0.0018	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	DDT[4,4'-]	0.0018	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Aldrin	0.0018	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	BHC[alpha-]	0.0018	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Chlordane[alpha-]	0.0018	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	BHC[beta-]	0.0018	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	BHC[delta-]	0.0018	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Dieldrin	0.0018	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Endosulfan I	0.0018	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Endosulfan II	0.0018	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Endosulfan sulfate	0.0018	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Endrin	0.0018	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Endrin aldehyde	0.0018	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Endrin ketone	0.0018	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	BHC[gamma-]	0.0018	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Chlordane[gamma-]	0.0018	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Heptachlor	0.0018	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Heptachlor epoxide	0.0018	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Methoxychlor[4,4'-]	0.0035	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Toxaphene (technical grade)	0.07	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Aroclor-1016	0.035	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Aroclor-1221	0.035	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Aroclor-1232	0.035	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Aroclor-1242	0.035	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Aroclor-1248	0.035	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Aroclor-1254	0.035	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Aroclor-1260	0.035	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Tetrachloroethane[1,1,1,2-]	0.0062	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Trichloroethane[1,1,1-]	0.0062	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Tetrachloroethane[1,1,2,2-]	0.0062	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Trichloroethane[1,1,2-]	0.0062	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Dichloroethane[1,1-]	0.0062	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Dichloroethene[1,1-]	0.0062	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Dichloropropene[1,1-]	0.0062	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Trichloropropane[1,2,3-]	0.0062	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Trimethylbenzene[1,2,4-]	0.0062	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Dibromo-3-chloropropane[1,2-]	0.012	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Dibromoethane[1,2-]	0.0062	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Dichlorobenzene[1,2-]	0.0062	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Dichloroethane[1,2-]	0.0062	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Dichloroethene[cis/trans-1,2-]	0.0062	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Dichloropropane[1,2-]	0.0062	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Trimethylbenzene[1,3,5-]	0.0062	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Dichlorobenzene[1,3-]	0.0062	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Dichloropropane[1,3-]	0.0062	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Dichlorobenzene[1,4-]	0.0062	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Dichloropropane[2,2-]	0.0062	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Butanone[2-]	0.025	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Chlorotoluene[2-]	0.0062	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Hexanone[2-]	0.025	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Chlorotoluene[4-]	0.0062	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Isopropyltoluene[4-]	0.0062	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Methyl-2-pentanone[4-]	0.025	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Acetone	0.025	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Benzene	0.0062	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Bromobenzene	0.0062	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Bromochloromethane	0.0062	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Bromodichloromethane	0.0062	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Bromoform	0.0062	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Bromomethane	0.012	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Carbon disulfide	0.0062	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Carbon tetrachloride	0.0062	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Chlorobenzene	0.0062	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Chlorodibromomethane	0.0062	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Chloroethane	0.012	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Chloroform	0.0062	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Chloromethane	0.012	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Dichloropropene[cis-1,3-]	0.0062	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Dibromomethane	0.0062	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Dichlorodifluoromethane	0.012	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Ethylbenzene	0.0062	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Iodomethane	0.0062	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Isopropylbenzene	0.0062	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Methylene chloride	0.0062	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Butylbenzene[n-]	0.0062	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Propylbenzene[1-]	0.0062	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Butylbenzene[sec-]	0.0062	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Styrene	0.0062	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Butylbenzene[tert-]	0.0062	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Tetrachloroethene	0.0062	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Toluene	0.0062	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Dichloropropene[trans-1,3-]	0.0062	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Trichloroethene	0.0062	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Trichlorofluoromethane	0.012	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0062	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Vinyl chloride	0.012	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Xylene (total)	0.0062	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Trichlorobenzene[1,2,4-]	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Dichlorobenzene[1,2-]	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Dichlorobenzene[1,3-]	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Dichlorobenzene[1,4-]	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Trichlorophenol[2,4,5-]	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Trichlorophenol[2,4,6-]	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Dichlorophenol[2,4-]	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Dimethylphenol[2,4-]	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Dinitrophenol[2,4-]	1.7	mg/kg	UJ
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Dinitrotoluene[2,4-]	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Dinitrotoluene[2,6-]	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Chloronaphthalene[2-]	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Chlorophenol[2-]	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Methylnaphthalene[2-]	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Methylphenol[2-]	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Nitroaniline[2-]	1.7	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Nitrophenol[2-]	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Dichlorobenzidine[3,3'-]	1.7	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Nitroaniline[3-]	1.7	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Bromophenyl-phenylether[4-]	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Chloro-3-methylphenol[4-]	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Chloroaniline[4-]	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Chlorophenyl-phenyl[4-] ether	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Methylphenol[4-]	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Nitroaniline[4-]	1.7	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Nitrophenol[4-]	1.7	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Acenaphthene	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Acenaphthylene	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Aniline	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Anthracene	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Azobenzene	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Benzo(a)anthracene	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Benzo(a)pyrene	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Benzo(b)fluoranthene	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Benzo(g,h,i)perylene	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Benzo(k)fluoranthene	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Benzoic acid	1.7	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Benzyl alcohol	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Bis(2-chloroethoxy)methane	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Bis(2-chloroethyl)ether	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Bis(2-ethylhexyl)phthalate	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Butylbenzylphthalate	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Chrysene	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Di-n-butylphthalate	0.35	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Di-n-octylphthalate	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Dibenz(a,h)anthracene	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Dibenzofuran	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Diethylphthalate	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Dimethyl phthalate	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Fluoranthene	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Fluorene	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Hexachlorobenzene	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Hexachlorobutadiene	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Hexachlorocyclopentadiene	1.7	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Hexachloroethane	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Isophorone	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Nitrosodimethylamine[N-]	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Nitrosodiphenylamine[N-]	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Naphthalene	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Nitrobenzene	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Pentachlorophenol	1.7	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Phenanthrene	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Phenol	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Pyrene	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Aluminum	571	mg/kg	J+
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Arsenic	0.18	mg/kg	J
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Barium	7.9	mg/kg	J
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Beryllium	0.17	mg/kg	J
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Calcium	1800	mg/kg	None
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Chromium	56.9	mg/kg	None
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Cobalt	0.52	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Copper	1.4	mg/kg	J
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Iron	3410	mg/kg	None
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Lead	2.5	mg/kg	None
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Magnesium	195	mg/kg	J
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Manganese	174	mg/kg	J-
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Nickel	28	mg/kg	None
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Potassium	245	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Selenium	0.32	mg/kg	J
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Silver	0.47	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Sodium	152	mg/kg	J
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Thallium	0.16	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Vanadium	1.1	mg/kg	J
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Zinc	20.7	mg/kg	None
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Mercury	0.018	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Americium-241	0.01	pCi/g	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Cesium-134	-0.01	pCi/g	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Cesium-137	-0.09	pCi/g	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Cobalt-60	-0.018	pCi/g	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Europium-152	0.4	pCi/g	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Ruthenium-106	0.2	pCi/g	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Uranium-235	-0.16	pCi/g	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Americium-241	0.028	pCi/g	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Plutonium-238	0.031	pCi/g	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Plutonium-239	0.018	pCi/g	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Thorium-228	1.38	pCi/g	None
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Thorium-230	0.84	pCi/g	None
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Thorium-232	1.3	pCi/g	None
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Uranium-234	0.7	pCi/g	None
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Uranium-235	0.043	pCi/g	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Uranium-238	0.76	pCi/g	None
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Strontium-90	-0.03	pCi/g	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Tritium	1220	pCi/g	None
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Antimony	0.82	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Cadmium	0.066	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	DDD[4,4'-]	0.0018	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	DDE[4,4'-]	0.0018	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	DDT[4,4'-]	0.0018	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Aldrin	0.0018	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	BHC[alpha-]	0.0018	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Chlordane[alpha-]	0.0018	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	BHC[beta-]	0.0018	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	BHC[delta-]	0.0018	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Dieldrin	0.0018	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Endosulfan I	0.0018	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Endosulfan II	0.0018	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Endosulfan sulfate	0.0018	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Endrin	0.0018	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Endrin aldehyde	0.0018	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Endrin ketone	0.0018	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	BHC[gamma-]	0.0018	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Chlordane[gamma-]	0.0018	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Heptachlor	0.0018	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Heptachlor epoxide	0.0018	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Methoxychlor[4,4'-]	0.0035	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Toxaphene (technical grade)	0.07	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Aroclor-1016	0.035	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Aroclor-1221	0.035	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Aroclor-1232	0.035	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Aroclor-1242	0.035	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Aroclor-1248	0.035	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Aroclor-1254	0.035	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Aroclor-1260	0.035	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Tetrachloroethane[1,1,1,2-]	0.0071	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Trichloroethane[1,1,1-]	0.0071	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Tetrachloroethane[1,1,2,2-]	0.0071	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Trichloroethane[1,1,2-]	0.0071	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Dichloroethane[1,1-]	0.0071	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Dichloroethene[1,1-]	0.0071	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Dichloropropene[1,1-]	0.0071	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Trichloropropane[1,2,3-]	0.0071	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Trimethylbenzene[1,2,4-]	0.0071	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Dibromo-3-chloropropane[1,2-]	0.014	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Dibromoethane[1,2-]	0.0071	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Dichlorobenzene[1,2-]	0.0071	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Dichloroethane[1,2-]	0.0071	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Dichloroethene[cis/trans-1,2-]	0.0071	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Dichloropropane[1,2-]	0.0071	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Trimethylbenzene[1,3,5-]	0.0071	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Dichlorobenzene[1,3-]	0.0071	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Dichloropropane[1,3-]	0.0071	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Dichlorobenzene[1,4-]	0.0071	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Dichloropropane[2,2-]	0.0071	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Butanone[2-]	0.028	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Chlorotoluene[2-]	0.0071	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Hexanone[2-]	0.028	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Chlorotoluene[4-]	0.0071	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Isopropyltoluene[4-]	0.0071	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Methyl-2-pentanone[4-]	0.028	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Acetone	0.028	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Benzene	0.0071	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Bromobenzene	0.0071	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Bromochloromethane	0.0071	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Bromodichloromethane	0.0071	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Bromoform	0.0071	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Bromomethane	0.014	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Carbon disulfide	0.0071	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Carbon tetrachloride	0.0071	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Chlorobenzene	0.0071	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Chlorodibromomethane	0.0071	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Chloroethane	0.014	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Chloroform	0.0071	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Chloromethane	0.014	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Dichloropropene[cis-1,3-]	0.0071	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Dibromomethane	0.0071	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Dichlorodifluoromethane	0.014	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Ethylbenzene	0.0071	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Iodomethane	0.0071	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Isopropylbenzene	0.0071	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Methylene chloride	0.0071	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Butylbenzene[n-]	0.0071	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Propylbenzene[1-]	0.0071	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Butylbenzene[sec-]	0.0071	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Styrene	0.0071	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Butylbenzene[tert-]	0.0071	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Tetrachloroethene	0.003	mg/kg	J
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Toluene	0.0071	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Dichloropropene[trans-1,3-]	0.0071	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Trichloroethene	0.0071	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Trichlorofluoromethane	0.014	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0071	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Vinyl chloride	0.014	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Xylene (total)	0.0071	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Trichlorobenzene[1,2,4-]	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Dichlorobenzene[1,2-]	0.35	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Dichlorobenzene[1,3-]	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Dichlorobenzene[1,4-]	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Trichlorophenol[2,4,5-]	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Trichlorophenol[2,4,6-]	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Dichlorophenol[2,4-]	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Dimethylphenol[2,4-]	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Dinitrophenol[2,4-]	1.7	mg/kg	UJ
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Dinitrotoluene[2,4-]	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Dinitrotoluene[2,6-]	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Chloronaphthalene[2-]	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Chlorophenol[2-]	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Methylnaphthalene[2-]	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Methylphenol[2-]	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Nitroaniline[2-]	1.7	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Nitrophenol[2-]	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Dichlorobenzidine[3,3'-]	1.7	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Nitroaniline[3-]	1.7	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Bromophenyl-phenylether[4-]	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Chloro-3-methylphenol[4-]	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Chloroaniline[4-]	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Chlorophenyl-phenyl[4-] ether	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Methylphenol[4-]	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Nitroaniline[4-]	1.7	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Nitrophenol[4-]	1.7	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Acenaphthene	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Acenaphthylene	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Aniline	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Anthracene	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Azobenzene	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Benzo(a)anthracene	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Benzo(a)pyrene	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Benzo(b)fluoranthene	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Benzo(g,h,i)perylene	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Benzo(k)fluoranthene	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Benzoic acid	1.7	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Benzyl alcohol	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Bis(2-chloroethoxy)methane	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Bis(2-chloroethyl)ether	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Bis(2-ethylhexyl)phthalate	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Butylbenzylphthalate	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Chrysene	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Di-n-butylphthalate	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Di-n-octylphthalate	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Dibenz(a,h)anthracene	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Dibenzofuran	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Diethylphthalate	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Dimethyl phthalate	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Fluoranthene	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Fluorene	0.35	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Hexachlorobenzene	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Hexachlorobutadiene	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Hexachlorocyclopentadiene	1.7	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Hexachloroethane	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Isophorone	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Nitrosodimethylamine[N-]	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Nitrosodiphenylamine[N-]	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Naphthalene	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Nitrobenzene	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Pentachlorophenol	1.7	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Phenanthrene	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Phenol	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Pyrene	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Aluminum	256	mg/kg	J+
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Arsenic	0.35	mg/kg	J
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Barium	3.4	mg/kg	J
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Beryllium	0.14	mg/kg	J
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Calcium	256	mg/kg	J
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Chromium	19.9	mg/kg	None
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Cobalt	0.52	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Copper	0.59	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Iron	3010	mg/kg	None
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Lead	1.5	mg/kg	None
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Magnesium	117	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Manganese	161	mg/kg	J-
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Nickel	9.4	mg/kg	None
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Potassium	245	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Selenium	0.21	mg/kg	J
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Silver	0.64	mg/kg	J
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Sodium	147	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Thallium	1.1	mg/kg	J-
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Vanadium	2.1	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Zinc	17.1	mg/kg	None
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Mercury	0.034	mg/kg	J
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Americium-241	0.06	pCi/g	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Cesium-134	0.009	pCi/g	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Cesium-137	-0.065	pCi/g	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Cobalt-60	-0.05	pCi/g	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Europium-152	0.04	pCi/g	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Ruthenium-106	-0.08	pCi/g	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Uranium-235	-0.09	pCi/g	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Americium-241	-0.007	pCi/g	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Plutonium-238	-0.009	pCi/g	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Plutonium-239	0.03	pCi/g	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Thorium-228	1.27	pCi/g	None
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Thorium-230	0.81	pCi/g	None
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Thorium-232	1.15	pCi/g	None
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Uranium-234	0.65	pCi/g	None
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Uranium-235	0.164	pCi/g	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Uranium-238	0.67	pCi/g	None
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Strontium-90	0.03	pCi/g	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Tritium	653	pCi/g	None
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Antimony	0.82	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Cadmium	0.065	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	DDD[4,4'-]	0.0018	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	DDE[4,4'-]	0.0018	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	DDT[4,4'-]	0.0018	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Aldrin	0.0018	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	BHC[alpha-]	0.0018	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Chlordane[alpha-]	0.0018	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	BHC[beta-]	0.0018	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	BHC[delta-]	0.0018	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Dieldrin	0.0018	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Endosulfan I	0.0018	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Endosulfan II	0.0018	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Endosulfan sulfate	0.0018	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Endrin	0.0018	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Endrin aldehyde	0.0018	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Endrin ketone	0.0018	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	BHC[gamma-]	0.0018	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Chlordane[gamma-]	0.0018	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Heptachlor	0.0018	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Heptachlor epoxide	0.0018	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Methoxychlor[4,4'-]	0.0034	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Toxaphene (technical grade)	0.07	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Aroclor-1016	0.034	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Aroclor-1221	0.034	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Aroclor-1232	0.034	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Aroclor-1242	0.034	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Aroclor-1248	0.034	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Aroclor-1254	0.034	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Aroclor-1260	0.034	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Tetrachloroethane[1,1,1,2-]	0.0072	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Trichloroethane[1,1,1-]	0.0072	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Tetrachloroethane[1,1,2,2-]	0.0072	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Trichloroethane[1,1,2-]	0.0072	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Dichloroethane[1,1-]	0.0072	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Dichloroethene[1,1-]	0.0072	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Dichloropropene[1,1-]	0.0072	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Trichloropropane[1,2,3-]	0.0072	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Trimethylbenzene[1,2,4-]	0.0072	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Dibromo-3-chloropropane[1,2-]	0.014	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Dibromoethane[1,2-]	0.0072	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Dichlorobenzene[1,2-]	0.0072	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Dichloroethane[1,2-]	0.0072	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Dichloroethene[cis/trans-1,2-]	0.0072	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Dichloropropane[1,2-]	0.0072	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Trimethylbenzene[1,3,5-]	0.0072	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Dichlorobenzene[1,3-]	0.0072	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Dichloropropane[1,3-]	0.0072	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Dichlorobenzene[1,4-]	0.0072	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Dichloropropane[2,2-]	0.0072	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Butanone[2-]	0.029	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Chlorotoluene[2-]	0.0072	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Hexanone[2-]	0.029	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Chlorotoluene[4-]	0.0072	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Isopropyltoluene[4-]	0.0072	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Methyl-2-pentanone[4-]	0.029	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Acetone	0.029	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Benzene	0.0072	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Bromobenzene	0.0072	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Bromochloromethane	0.0072	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Bromodichloromethane	0.0072	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Bromoform	0.0072	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Bromomethane	0.014	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Carbon disulfide	0.0072	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Carbon tetrachloride	0.0072	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Chlorobenzene	0.0072	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Chlorodibromomethane	0.0072	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Chloroethane	0.014	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Chloroform	0.0072	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Chloromethane	0.014	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Dichloropropene[cis-1,3-]	0.0072	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Dibromomethane	0.0072	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Dichlorodifluoromethane	0.014	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Ethylbenzene	0.0072	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Iodomethane	0.0072	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Isopropylbenzene	0.0072	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Methylene chloride	0.0072	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Butylbenzene[n-]	0.0072	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Propylbenzene[1-]	0.0072	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Butylbenzene[sec-]	0.0072	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Styrene	0.0072	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Butylbenzene[tert-]	0.0072	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Tetrachloroethene	0.0022	mg/kg	J
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Toluene	0.0072	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Dichloropropene[trans-1,3-]	0.0072	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Trichloroethene	0.0072	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Trichlorofluoromethane	0.014	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Trichlorotrifluoroethane	0.0072	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Vinyl chloride	0.014	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Xylene (total)	0.0072	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Trichlorobenzene[1,2,4-]	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Dichlorobenzene[1,2-]	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Dichlorobenzene[1,3-]	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Dichlorobenzene[1,4-]	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Oxybis(1-chloropropane)[2,2'-]	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Trichlorophenol[2,4,5-]	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Trichlorophenol[2,4,6-]	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Dichlorophenol[2,4-]	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Dimethylphenol[2,4-]	0.34	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Dinitrophenol[2,4-]	1.7	mg/kg	UJ
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Dinitrotoluene[2,4-]	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Dinitrotoluene[2,6-]	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Chloronaphthalene[2-]	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Chlorophenol[2-]	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Methylnaphthalene[2-]	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Methylphenol[2-]	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Nitroaniline[2-]	1.7	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Nitrophenol[2-]	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Dichlorobenzidine[3,3'-]	1.7	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Nitroaniline[3-]	1.7	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Bromophenyl-phenylether[4-]	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Chloro-3-methylphenol[4-]	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Chloroaniline[4-]	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Chlorophenyl-phenyl[4-] ether	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Methylphenol[4-]	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Nitroaniline[4-]	1.7	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Nitrophenol[4-]	1.7	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Acenaphthene	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Acenaphthylene	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Aniline	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Anthracene	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Azobenzene	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Benzo(a)anthracene	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Benzo(a)pyrene	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Benzo(b)fluoranthene	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Benzo(g,h,i)perylene	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Benzo(k)fluoranthene	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Benzoic acid	1.7	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Benzyl alcohol	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Bis(2-chloroethoxy)methane	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Bis(2-chloroethyl)ether	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Bis(2-ethylhexyl)phthalate	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Butylbenzylphthalate	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Chrysene	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Di-n-butylphthalate	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Di-n-octylphthalate	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Dibenz(a,h)anthracene	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Dibenzofuran	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Diethylphthalate	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Dimethyl phthalate	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Fluoranthene	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Fluorene	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Hexachlorobenzene	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Hexachlorobutadiene	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Hexachlorocyclopentadiene	1.7	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Hexachloroethane	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Indeno(1,2,3-cd)pyrene	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Isophorone	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Nitroso-di-n-propylamine[N-]	0.34	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Nitrosodimethylamine[N-]	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Nitrosodiphenylamine[N-]	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Naphthalene	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Nitrobenzene	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Pentachlorophenol	1.7	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Phenanthrene	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Phenol	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Pyrene	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Aluminum	620	mg/kg	J+
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Arsenic	0.17	mg/kg	J
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Barium	6.4	mg/kg	J
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Beryllium	0.25	mg/kg	J
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Calcium	517	mg/kg	J
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Chromium	21.2	mg/kg	None
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Cobalt	0.51	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Copper	1	mg/kg	J
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Iron	3300	mg/kg	None
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Lead	2.9	mg/kg	None
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Magnesium	195	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Manganese	170	mg/kg	J-
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Nickel	10.5	mg/kg	None
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Potassium	281	mg/kg	J
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Selenium	0.21	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Silver	0.47	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Sodium	173	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Thallium	0.48	mg/kg	J-
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Vanadium	2.9	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Zinc	17.8	mg/kg	None
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Mercury	0.017	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Americium-241	0.00654	pCi/g	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Cobalt-60	0.00296	pCi/g	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Cesium-134	0.0872	pCi/g	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Cesium-137	-0.0258	pCi/g	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Europium-152	-0.0933	pCi/g	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Tritium	13.76151	pCi/g	None
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Plutonium-238	-0.00043	pCi/g	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Plutonium-239	0.00648	pCi/g	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Ruthenium-106	-0.0451	pCi/g	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Strontium-90	0.0422	pCi/g	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Uranium-234	0.704	pCi/g	None
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Uranium-235	0.028	pCi/g	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Uranium-238	0.714	pCi/g	None
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Thorium-228	1.5	pCi/g	None
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Thorium-230	0.758	pCi/g	None
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Thorium-232	1.27	pCi/g	None
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Antimony	0.82	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Cadmium	0.065	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	DDD[4,4'-]	0.0018	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	DDE[4,4'-]	0.0018	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	DDT[4,4'-]	0.0018	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Aldrin	0.0018	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11221	MD21-01-0304	7.0–8.0	Qbt3	BHC[alpha-]	0.0018	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Chlordane[alpha-]	0.0018	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	BHC[beta-]	0.0018	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	BHC[delta-]	0.0018	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Dieldrin	0.0018	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Endosulfan I	0.0018	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Endosulfan II	0.0018	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Endosulfan sulfate	0.0018	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Endrin	0.0018	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Endrin aldehyde	0.0018	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Endrin ketone	0.0018	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	BHC[gamma-]	0.0018	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Chlordane[gamma-]	0.0018	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Heptachlor	0.0018	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Heptachlor epoxide	0.0018	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Methoxychlor[4,4'-]	0.0035	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Toxaphene (technical grade)	0.07	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Aroclor-1016	0.035	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Aroclor-1221	0.035	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Aroclor-1232	0.035	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Aroclor-1242	0.035	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Aroclor-1248	0.035	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Aroclor-1254	0.035	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Aroclor-1260	0.035	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Tetrachloroethane[1,1,1,2-]	0.0068	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Trichloroethane[1,1,1-]	0.0068	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Tetrachloroethane[1,1,2,2-]	0.0068	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Trichloroethane[1,1,2-]	0.0068	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Dichloroethane[1,1-]	0.0068	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Dichloroethene[1,1-]	0.0068	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Dichloropropene[1,1-]	0.0068	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Trichloropropane[1,2,3-]	0.0068	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Trimethylbenzene[1,2,4-]	0.0068	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Dibromo-3-chloropropane[1,2-]	0.014	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Dibromoethane[1,2-]	0.0068	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Dichlorobenzene[1,2-]	0.0068	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Dichloroethane[1,2-]	0.0068	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Dichloroethene[cis/trans-1,2-]	0.0068	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Dichloropropane[1,2-]	0.0068	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Trimethylbenzene[1,3,5-]	0.0068	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Dichlorobenzene[1,3-]	0.0068	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Dichloropropane[1,3-]	0.0068	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Dichlorobenzene[1,4-]	0.0068	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Dichloropropane[2,2-]	0.0068	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Butanone[2-]	0.027	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Chlorotoluene[2-]	0.0068	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Hexanone[2-]	0.027	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Chlorotoluene[4-]	0.0068	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Isopropyltoluene[4-]	0.0068	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Methyl-2-pentanone[4-]	0.027	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Acetone	0.027	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Benzene	0.0068	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Bromobenzene	0.0068	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Bromochloromethane	0.0068	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Bromodichloromethane	0.0068	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Bromoform	0.0068	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Bromomethane	0.014	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Carbon disulfide	0.0068	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Carbon tetrachloride	0.0068	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Chlorobenzene	0.0068	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Chlorodibromomethane	0.0068	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Chloroethane	0.014	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Chloroform	0.0068	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Chloromethane	0.014	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Dichloropropene[cis-1,3-]	0.0068	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Dibromomethane	0.0068	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Dichlorodifluoromethane	0.014	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Ethylbenzene	0.0068	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Iodomethane	0.0068	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Isopropylbenzene	0.0068	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Methylene chloride	0.0068	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Butylbenzene[n-]	0.0068	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Propylbenzene[1-]	0.0068	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Butylbenzene[sec-]	0.0068	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Styrene	0.0068	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Butylbenzene[tert-]	0.0068	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Tetrachloroethene	0.0068	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Toluene	0.0068	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Dichloropropene[trans-1,3-]	0.0068	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Trichloroethene	0.0068	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Trichlorofluoromethane	0.014	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0068	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Vinyl chloride	0.014	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Xylene (total)	0.0068	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Trichlorobenzene[1,2,4-]	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Dichlorobenzene[1,2-]	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Dichlorobenzene[1,3-]	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Dichlorobenzene[1,4-]	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Trichlorophenol[2,4,5-]	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Trichlorophenol[2,4,6-]	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Dichlorophenol[2,4-]	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Dimethylphenol[2,4-]	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Dinitrophenol[2,4-]	1.7	mg/kg	UJ
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Dinitrotoluene[2,4-]	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Dinitrotoluene[2,6-]	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Chloronaphthalene[2-]	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Chlorophenol[2-]	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Methylnaphthalene[2-]	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Methylphenol[2-]	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Nitroaniline[2-]	1.7	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Nitrophenol[2-]	0.35	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Dichlorobenzidine[3,3'-]	1.7	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Nitroaniline[3-]	1.7	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Bromophenyl-phenylether[4-]	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Chloro-3-methylphenol[4-]	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Chloroaniline[4-]	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Chlorophenyl-phenyl[4-] ether	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Methylphenol[4-]	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Nitroaniline[4-]	1.7	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Nitrophenol[4-]	1.7	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Acenaphthene	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Acenaphthylene	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Aniline	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Anthracene	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Azobenzene	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Benzo(a)anthracene	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Benzo(a)pyrene	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Benzo(b)fluoranthene	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Benzo(g,h,i)perylene	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Benzo(k)fluoranthene	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Benzoic acid	1.7	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Benzyl alcohol	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Bis(2-chloroethoxy)methane	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Bis(2-chloroethyl)ether	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Bis(2-ethylhexyl)phthalate	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Butylbenzylphthalate	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Chrysene	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Di-n-butylphthalate	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Di-n-octylphthalate	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Dibenz(a,h)anthracene	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Dibenzofuran	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Diethylphthalate	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Dimethyl phthalate	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Fluoranthene	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Fluorene	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Hexachlorobenzene	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Hexachlorobutadiene	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Hexachlorocyclopentadiene	1.7	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Hexachloroethane	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Isophorone	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Nitrosodimethylamine[N-]	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Nitrosodiphenylamine[N-]	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Naphthalene	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Nitrobenzene	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Pentachlorophenol	1.7	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Phenanthrene	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Phenol	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Pyrene	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Aluminum	557	mg/kg	J+

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Arsenic	0.12	mg/kg	J
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Barium	6.4	mg/kg	J
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Beryllium	0.15	mg/kg	J
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Calcium	772	mg/kg	None
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Chromium	1.2	mg/kg	None
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Cobalt	0.51	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Copper	0.81	mg/kg	J
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Iron	3650	mg/kg	None
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Lead	4.4	mg/kg	None
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Magnesium	188	mg/kg	J
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Manganese	196	mg/kg	J-
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Nickel	1.4	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Potassium	244	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Selenium	0.38	mg/kg	J-
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Silver	0.47	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Sodium	128	mg/kg	J
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Thallium	0.12	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Vanadium	0.74	mg/kg	J
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Zinc	21.1	mg/kg	None
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Mercury	0.045	mg/kg	None
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Americium-241	0.0017	pCi/g	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Cobalt-60	-0.0228	pCi/g	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Cesium-134	0.0879	pCi/g	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Cesium-137	-0.0245	pCi/g	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Europium-152	0.0239	pCi/g	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Tritium	1444.456	pCi/g	None
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Plutonium-238	0	pCi/g	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Plutonium-239	0.00424	pCi/g	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Ruthenium-106	-0.0153	pCi/g	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Strontium-90	0.0309	pCi/g	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Uranium-234	0.717	pCi/g	None
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Uranium-235	0.0159	pCi/g	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Uranium-238	0.809	pCi/g	None
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Thorium-228	1.48	pCi/g	None
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Thorium-230	0.748	pCi/g	None
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Thorium-232	1.43	pCi/g	None
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Antimony	0.84	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Cadmium	0.067	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	DDD[4,4'-]	0.0018	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	DDE[4,4'-]	0.0018	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	DDT[4,4'-]	0.0018	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Aldrin	0.0018	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	BHC[alpha-]	0.0018	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Chlordane[alpha-]	0.0018	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	BHC[beta-]	0.0018	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	BHC[delta-]	0.0018	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Dieldrin	0.0018	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Endosulfan I	0.0018	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Endosulfan II	0.0018	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Endosulfan sulfate	0.0018	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Endrin	0.0018	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Endrin aldehyde	0.0018	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Endrin ketone	0.0018	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	BHC[gamma-]	0.0018	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Chlordane[gamma-]	0.0018	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Heptachlor	0.0018	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Heptachlor epoxide	0.0018	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Methoxychlor[4,4'-]	0.0036	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Toxaphene (technical grade)	0.072	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Aroclor-1016	0.036	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Aroclor-1221	0.036	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Aroclor-1232	0.036	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Aroclor-1242	0.036	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Aroclor-1248	0.036	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Aroclor-1254	0.036	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Aroclor-1260	0.036	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Tetrachloroethane[1,1,1,2-]	0.0068	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Trichloroethane[1,1,1-]	0.0068	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Tetrachloroethane[1,1,2,2-]	0.0068	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Trichloroethane[1,1,2-]	0.0068	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Dichloroethane[1,1-]	0.0068	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Dichloroethene[1,1-]	0.0068	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Dichloropropene[1,1-]	0.0068	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Trichloropropane[1,2,3-]	0.0068	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Trimethylbenzene[1,2,4-]	0.0068	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Dibromo-3-chloropropane[1,2-]	0.014	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Dibromoethane[1,2-]	0.0068	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Dichlorobenzene[1,2-]	0.0068	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Dichloroethane[1,2-]	0.0068	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Dichloroethene[cis/trans-1,2-]	0.0068	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Dichloropropane[1,2-]	0.0068	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Trimethylbenzene[1,3,5-]	0.0068	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Dichlorobenzene[1,3-]	0.0068	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Dichloropropane[1,3-]	0.0068	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Dichlorobenzene[1,4-]	0.0068	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Dichloropropane[2,2-]	0.0068	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Butanone[2-]	0.027	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Chlorotoluene[2-]	0.0068	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Hexanone[2-]	0.027	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Chlorotoluene[4-]	0.0068	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Isopropyltoluene[4-]	0.0068	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Methyl-2-pentanone[4-]	0.027	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Acetone	0.016	mg/kg	J
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Benzene	0.0068	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Bromobenzene	0.0068	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Bromochloromethane	0.0068	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Bromodichloromethane	0.0068	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Bromoform	0.0068	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Bromomethane	0.014	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Carbon disulfide	0.0068	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Carbon tetrachloride	0.0068	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Chlorobenzene	0.0068	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Chlorodibromomethane	0.0068	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Chloroethane	0.014	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Chloroform	0.0068	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Chloromethane	0.014	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Dichloropropene[cis-1,3-]	0.0068	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Dibromomethane	0.0068	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Dichlorodifluoromethane	0.014	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Ethylbenzene	0.0068	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Iodomethane	0.0068	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Isopropylbenzene	0.0068	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Methylene chloride	0.0068	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Butylbenzene[n-]	0.0068	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Propylbenzene[1-]	0.0068	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Butylbenzene[sec-]	0.0068	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Styrene	0.0068	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Butylbenzene[tert-]	0.0068	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Tetrachloroethene	0.0068	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Toluene	0.0068	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Dichloropropene[trans-1,3-]	0.0068	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Trichloroethene	0.0068	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Trichlorofluoromethane	0.014	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0068	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Vinyl chloride	0.014	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Xylene (total)	0.0068	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Trichlorobenzene[1,2,4-]	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Dichlorobenzene[1,2-]	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Dichlorobenzene[1,3-]	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Dichlorobenzene[1,4-]	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Oxybis(1-chloropropane)[2,2'-]	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Trichlorophenol[2,4,5-]	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Trichlorophenol[2,4,6-]	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Dichlorophenol[2,4-]	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Dimethylphenol[2,4-]	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Dinitrophenol[2,4-]	1.7	mg/kg	UJ
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Dinitrotoluene[2,4-]	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Dinitrotoluene[2,6-]	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Chloronaphthalene[2-]	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Chlorophenol[2-]	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Methylnaphthalene[2-]	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Methylphenol[2-]	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Nitroaniline[2-]	1.7	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Nitrophenol[2-]	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Dichlorobenzidine[3,3'-]	1.7	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Nitroaniline[3-]	1.7	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Bromophenyl-phenylether[4-]	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Chloro-3-methylphenol[4-]	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Chloroaniline[4-]	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Chlorophenyl-phenyl[4-] ether	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Methylphenol[4-]	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Nitroaniline[4-]	1.7	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Nitrophenol[4-]	1.7	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Acenaphthene	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Acenaphthylene	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Aniline	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Anthracene	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Azobenzene	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Benzo(a)anthracene	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Benzo(a)pyrene	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Benzo(b)fluoranthene	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Benzo(g,h,i)perylene	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Benzo(k)fluoranthene	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Benzoic acid	1.7	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Benzyl alcohol	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Bis(2-chloroethoxy)methane	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Bis(2-chloroethyl)ether	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Bis(2-ethylhexyl)phthalate	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Butylbenzylphthalate	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Chrysene	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Di-n-butylphthalate	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Di-n-octylphthalate	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Dibenz(a,h)anthracene	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Dibenzofuran	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Diethylphthalate	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Dimethyl phthalate	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Fluoranthene	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Fluorene	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Hexachlorobenzene	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Hexachlorobutadiene	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Hexachlorocyclopentadiene	1.7	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Hexachloroethane	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Indeno(1,2,3-cd)pyrene	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Isophorone	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Nitroso-di-n-propylamine[N-]	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Nitrosodimethylamine[N-]	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Nitrosodiphenylamine[N-]	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Naphthalene	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Nitrobenzene	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Pentachlorophenol	1.7	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Phenanthrene	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Phenol	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Pyrene	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Aluminum	3130	mg/kg	J+
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Arsenic	0.17	mg/kg	J
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Barium	28.3	mg/kg	None
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Beryllium	0.31	mg/kg	J
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Calcium	2940	mg/kg	None
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Chromium	77.5	mg/kg	None
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Cobalt	0.7	mg/kg	J
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Copper	2.4	mg/kg	J
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Iron	5130	mg/kg	None
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Lead	3.4	mg/kg	None

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Magnesium	614	mg/kg	None
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Manganese	191	mg/kg	J-
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Nickel	35.4	mg/kg	None
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Potassium	464	mg/kg	J
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Selenium	0.21	mg/kg	UJ
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Silver	0.48	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Sodium	117	mg/kg	J
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Thallium	0.12	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Vanadium	3.3	mg/kg	J
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Zinc	19.6	mg/kg	None
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Mercury	0.018	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Americium-241	0.0014	pCi/g	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Cobalt-60	-0.026	pCi/g	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Cesium-134	0.0704	pCi/g	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Cesium-137	-0.00844	pCi/g	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Europium-152	-0.0205	pCi/g	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Tritium	97.75862	pCi/g	None
21-11220	MD21-01-0307	2.0–3.0	FILL	Plutonium-238	0	pCi/g	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Plutonium-239	0.0994	pCi/g	None
21-11220	MD21-01-0307	2.0–3.0	FILL	Ruthenium-106	0.05	pCi/g	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Strontium-90	0.0675	pCi/g	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Uranium-234	0.86	pCi/g	None
21-11220	MD21-01-0307	2.0–3.0	FILL	Uranium-235	0.0138	pCi/g	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Uranium-238	0.809	pCi/g	None
21-11220	MD21-01-0307	2.0–3.0	FILL	Thorium-228	1.42	pCi/g	None
21-11220	MD21-01-0307	2.0–3.0	FILL	Thorium-230	0.857	pCi/g	None
21-11220	MD21-01-0307	2.0–3.0	FILL	Thorium-232	1.34	pCi/g	None
21-11220	MD21-01-0307	2.0–3.0	FILL	Antimony	0.85	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Cadmium	0.067	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	DDD[4,4'-]	0.0018	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	DDE[4,4'-]	0.0018	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	DDT[4,4'-]	0.0028	mg/kg	None
21-11220	MD21-01-0307	2.0–3.0	FILL	Aldrin	0.0018	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	BHC[alpha-]	0.0018	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Chlordane[alpha-]	0.0018	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	BHC[beta-]	0.0018	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	BHC[delta-]	0.0018	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Dieldrin	0.0018	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Endosulfan I	0.0018	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Endosulfan II	0.0018	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Endosulfan sulfate	0.0018	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Endrin	0.0018	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Endrin aldehyde	0.0018	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Endrin ketone	0.0018	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	BHC[gamma-]	0.0018	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Chlordane[gamma-]	0.0018	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Heptachlor	0.0018	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Heptachlor epoxide	0.0018	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Methoxychlor[4,4'-]	0.0036	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Toxaphene (technical grade)	0.072	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Aroclor-1016	0.036	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11220	MD21-01-0307	2.0–3.0	FILL	Aroclor-1221	0.036	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Aroclor-1232	0.036	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Aroclor-1242	0.036	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Aroclor-1248	0.036	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Aroclor-1254	0.036	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Aroclor-1260	0.036	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Tetrachloroethane[1,1,1,2-]	0.0065	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Trichloroethane[1,1,1-]	0.0065	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Tetrachloroethane[1,1,2,2-]	0.0065	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Trichloroethane[1,1,2-]	0.0065	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Dichloroethane[1,1-]	0.0065	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Dichloroethene[1,1-]	0.0065	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Dichloropropene[1,1-]	0.0065	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Trichloropropane[1,2,3-]	0.0065	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Trimethylbenzene[1,2,4-]	0.0065	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Dibromo-3-chloropropane[1,2-]	0.013	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Dibromoethane[1,2-]	0.0065	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Dichlorobenzene[1,2-]	0.0065	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Dichloroethane[1,2-]	0.0065	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Dichloroethene[cis/trans-1,2-]	0.0065	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Dichloropropane[1,2-]	0.0065	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Trimethylbenzene[1,3,5-]	0.0065	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Dichlorobenzene[1,3-]	0.0065	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Dichloropropane[1,3-]	0.0065	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Dichlorobenzene[1,4-]	0.0065	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Dichloropropane[2,2-]	0.0065	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Butanone[2-]	0.026	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Chlorotoluene[2-]	0.0065	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Hexanone[2-]	0.026	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Chlorotoluene[4-]	0.0065	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Isopropyltoluene[4-]	0.0065	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Methyl-2-pentanone[4-]	0.026	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Acetone	0.026	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Benzene	0.0065	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Bromobenzene	0.0065	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Bromochloromethane	0.0065	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Bromodichloromethane	0.0065	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Bromoform	0.0065	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Bromomethane	0.013	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Carbon disulfide	0.0065	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Carbon tetrachloride	0.0065	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Chlorobenzene	0.0065	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Chlorodibromomethane	0.0065	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Chloroethane	0.013	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Chloroform	0.0065	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Chloromethane	0.013	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Dichloropropene[cis-1,3-]	0.0065	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Dibromomethane	0.0065	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Dichlorodifluoromethane	0.013	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Ethylbenzene	0.0065	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Iodomethane	0.0065	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11220	MD21-01-0307	2.0–3.0	FILL	Isopropylbenzene	0.0065	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Methylene chloride	0.0065	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Butylbenzene[n-]	0.0065	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Propylbenzene[1-]	0.0065	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Butylbenzene[sec-]	0.0065	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Styrene	0.0065	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Butylbenzene[tert-]	0.0065	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Tetrachloroethene	0.0065	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Toluene	0.0065	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Dichloropropene[trans-1,3-]	0.0065	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Trichloroethene	0.0065	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Trichlorofluoromethane	0.013	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0065	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Vinyl chloride	0.013	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Xylene (total)	0.0065	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Trichlorobenzene[1,2,4-]	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Dichlorobenzene[1,2-]	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Dichlorobenzene[1,3-]	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Dichlorobenzene[1,4-]	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Oxybis(1-chloropropane)[2,2'-]	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Trichlorophenol[2,4,5-]	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Trichlorophenol[2,4,6-]	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Dichlorophenol[2,4-]	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Dimethylphenol[2,4-]	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Dinitrophenol[2,4-]	1.7	mg/kg	UJ
21-11220	MD21-01-0307	2.0–3.0	FILL	Dinitrotoluene[2,4-]	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Dinitrotoluene[2,6-]	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Chloronaphthalene[2-]	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Chlorophenol[2-]	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Methylnaphthalene[2-]	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Methylphenol[2-]	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Nitroaniline[2-]	1.7	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Nitrophenol[2-]	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Dichlorobenzidine[3,3'-]	1.7	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Nitroaniline[3-]	1.7	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Bromophenyl-phenylether[4-]	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Chloro-3-methylphenol[4-]	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Chloroaniline[4-]	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Chlorophenyl-phenyl[4-] ether	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Methylphenol[4-]	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Nitroaniline[4-]	1.7	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Nitrophenol[4-]	1.7	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Acenaphthene	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Acenaphthylene	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Aniline	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Anthracene	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Azobenzene	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Benzo(a)anthracene	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Benzo(a)pyrene	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Benzo(b)fluoranthene	0.36	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11220	MD21-01-0307	2.0–3.0	FILL	Benzo(g,h,i)perylene	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Benzo(k)fluoranthene	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Benzoic acid	1.7	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Benzyl alcohol	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Bis(2-chloroethoxy)methane	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Bis(2-chloroethyl)ether	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Bis(2-ethylhexyl)phthalate	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Butylbenzylphthalate	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Chrysene	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Di-n-butylphthalate	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Di-n-octylphthalate	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Dibenz(a,h)anthracene	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Dibenzofuran	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Diethylphthalate	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Dimethyl phthalate	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Fluoranthene	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Fluorene	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Hexachlorobenzene	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Hexachlorobutadiene	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Hexachlorocyclopentadiene	1.7	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Hexachloroethane	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Indeno(1,2,3-cd)pyrene	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Isophorone	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Nitroso-di-n-propylamine[N-]	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Nitrosodimethylamine[N-]	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Nitrosodiphenylamine[N-]	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Naphthalene	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Nitrobenzene	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Pentachlorophenol	1.7	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Phenanthrene	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Phenol	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Pyrene	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Aluminum	7560	mg/kg	J+
21-11220	MD21-01-0307	2.0–3.0	FILL	Arsenic	1.1	mg/kg	None
21-11220	MD21-01-0307	2.0–3.0	FILL	Barium	63.9	mg/kg	None
21-11220	MD21-01-0307	2.0–3.0	FILL	Beryllium	0.81	mg/kg	None
21-11220	MD21-01-0307	2.0–3.0	FILL	Calcium	3270	mg/kg	None
21-11220	MD21-01-0307	2.0–3.0	FILL	Chromium	4.3	mg/kg	None
21-11220	MD21-01-0307	2.0–3.0	FILL	Cobalt	1.6	mg/kg	J
21-11220	MD21-01-0307	2.0–3.0	FILL	Copper	4.6	mg/kg	J
21-11220	MD21-01-0307	2.0–3.0	FILL	Iron	8220	mg/kg	None
21-11220	MD21-01-0307	2.0–3.0	FILL	Lead	22.2	mg/kg	None
21-11220	MD21-01-0307	2.0–3.0	FILL	Magnesium	1340	mg/kg	None
21-11220	MD21-01-0307	2.0–3.0	FILL	Manganese	217	mg/kg	J-
21-11220	MD21-01-0307	2.0–3.0	FILL	Nickel	5.9	mg/kg	None
21-11220	MD21-01-0307	2.0–3.0	FILL	Potassium	854	mg/kg	None
21-11220	MD21-01-0307	2.0–3.0	FILL	Selenium	0.21	mg/kg	UJ
21-11220	MD21-01-0307	2.0–3.0	FILL	Silver	0.49	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Sodium	247	mg/kg	J
21-11220	MD21-01-0307	2.0–3.0	FILL	Thallium	0.15	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Vanadium	10	mg/kg	None

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11220	MD21-01-0307	2.0–3.0	FILL	Zinc	30.1	mg/kg	None
21-11220	MD21-01-0307	2.0–3.0	FILL	Mercury	0.36	mg/kg	None
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Plutonium-239	0.0062	pCi/g	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Americium-241	0.00992	pCi/g	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Uranium-234	0.842	pCi/g	None
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Thorium-232	1.17	pCi/g	None
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Strontium-90	-0.0125	pCi/g	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Uranium-235	0.03	pCi/g	J
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Thorium-230	0.848	pCi/g	None
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Thorium-228	1.27	pCi/g	None
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Uranium-238	0.859	pCi/g	None
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Ruthenium-106	-0.0813	pCi/g	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Tritium	4233.183	pCi/g	None
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Plutonium-238	0	pCi/g	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Europium-152	-0.0495	pCi/g	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Cesium-134	0.0619	pCi/g	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Cesium-137	-0.00517	pCi/g	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Cobalt-60	0.0248	pCi/g	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Antimony	0.89	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Arsenic	0.54	mg/kg	J
21-11217	MD21-01-0308	8.0–9.17	Qbt3	DDD[4,4'-]	0.0019	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	DDE[4,4'-]	0.0019	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	DDT[4,4'-]	0.0019	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Aldrin	0.0019	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	BHC[alpha-]	0.0019	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Chlordane[alpha-]	0.0019	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	BHC[beta-]	0.0019	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	BHC[delta-]	0.0019	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Dieldrin	0.0019	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Endosulfan I	0.0019	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Endosulfan II	0.0019	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Endosulfan sulfate	0.0019	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Endrin	0.0019	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Endrin aldehyde	0.0019	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Endrin ketone	0.0019	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	BHC[gamma-]	0.0019	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Chlordane[gamma-]	0.0019	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Heptachlor	0.0019	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Heptachlor epoxide	0.0019	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Methoxychlor[4,4'-]	0.0037	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Toxaphene (technical grade)	0.076	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Aroclor-1016	0.037	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Aroclor-1221	0.037	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Aroclor-1232	0.037	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Aroclor-1242	0.037	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Aroclor-1248	0.037	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Aroclor-1254	0.037	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Aroclor-1260	0.037	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Tetrachloroethane[1,1,1,2-]	0.0082	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Trichloroethane[1,1,1-]	0.0082	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Tetrachloroethane[1,1,2,2-]	0.0082	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Trichloroethane[1,1,2-]	0.0082	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Dichloroethane[1,1-]	0.0082	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Dichloroethene[1,1-]	0.0082	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Dichloropropene[1,1-]	0.0082	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Trichloropropane[1,2,3-]	0.0082	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Trimethylbenzene[1,2,4-]	0.0082	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Dibromo-3-chloropropane[1,2-]	0.016	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Dibromoethane[1,2-]	0.0082	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Dichlorobenzene[1,2-]	0.0082	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Dichloroethane[1,2-]	0.0082	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Dichloroethene[cis/trans-1,2-]	0.0082	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Dichloropropane[1,2-]	0.0082	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Trimethylbenzene[1,3,5-]	0.0082	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Dichlorobenzene[1,3-]	0.0082	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Dichloropropane[1,3-]	0.0082	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Dichlorobenzene[1,4-]	0.0082	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Dichloropropane[2,2-]	0.0082	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Butanone[2-]	0.033	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Chlorotoluene[2-]	0.0082	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Hexanone[2-]	0.033	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Chlorotoluene[4-]	0.0082	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Isopropyltoluene[4-]	0.0082	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Methyl-2-pentanone[4-]	0.033	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Acetone	0.033	mg/kg	UJ
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Benzene	0.0082	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Bromobenzene	0.0082	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Bromochloromethane	0.0082	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Bromodichloromethane	0.0082	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Bromoform	0.0082	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Bromomethane	0.016	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Carbon disulfide	0.0082	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Carbon tetrachloride	0.0082	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Chlorobenzene	0.0082	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Chlorodibromomethane	0.0082	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Chloroethane	0.016	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Chloroform	0.0082	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Chloromethane	0.016	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Dichloropropene[cis-1,3-]	0.0082	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Dibromomethane	0.0082	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Dichlorodifluoromethane	0.016	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Ethylbenzene	0.0082	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Iodomethane	0.0082	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Isopropylbenzene	0.0082	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Methylene chloride	0.0082	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Butylbenzene[n-]	0.0082	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Propylbenzene[1-]	0.0082	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Butylbenzene[sec-]	0.0082	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Styrene	0.0082	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Butylbenzene[tert-]	0.0082	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Tetrachloroethene	0.0082	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Toluene	0.0082	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Dichloropropene[trans-1,3-]	0.0082	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Trichloroethene	0.0082	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Trichlorofluoromethane	0.016	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0082	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Vinyl chloride	0.016	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Xylene (total)	0.0082	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Trichlorobenzene[1,2,4-]	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Dichlorobenzene[1,2-]	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Dichlorobenzene[1,3-]	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Dichlorobenzene[1,4-]	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Oxybis(1-chloropropane)[2,2'-]	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Trichlorophenol[2,4,5-]	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Trichlorophenol[2,4,6-]	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Dichlorophenol[2,4-]	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Dimethylphenol[2,4-]	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Dinitrophenol[2,4-]	1.8	mg/kg	UJ
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Dinitrotoluene[2,4-]	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Dinitrotoluene[2,6-]	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Chloronaphthalene[2-]	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Chlorophenol[2-]	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Methylnaphthalene[2-]	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Methylphenol[2-]	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Nitroaniline[2-]	1.8	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Nitrophenol[2-]	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Dichlorobenzidine[3,3'-]	1.8	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Nitroaniline[3-]	1.8	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Dinitro-2-methylphenol[4,6-]	1.8	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Bromophenyl-phenylether[4-]	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Chloro-3-methylphenol[4-]	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Chloroaniline[4-]	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Chlorophenyl-phenyl[4-] ether	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Methylphenol[4-]	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Nitroaniline[4-]	1.8	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Nitrophenol[4-]	1.8	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Acenaphthene	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Acenaphthylene	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Aniline	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Anthracene	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Azobenzene	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Benzo(a)anthracene	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Benzo(a)pyrene	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Benzo(b)fluoranthene	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Benzo(g,h,i)perylene	0.37	mg/kg	UJ
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Benzo(k)fluoranthene	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Benzoic acid	1.8	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Benzyl alcohol	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Bis(2-chloroethoxy)methane	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Bis(2-chloroethyl)ether	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Bis(2-ethylhexyl)phthalate	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Butylbenzylphthalate	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Chrysene	0.37	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Di-n-butylphthalate	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Di-n-octylphthalate	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Dibenz(a,h)anthracene	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Dibenzofuran	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Diethylphthalate	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Dimethyl phthalate	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Fluoranthene	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Fluorene	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Hexachlorobenzene	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Hexachlorobutadiene	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Hexachlorocyclopentadiene	1.8	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Hexachloroethane	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Indeno(1,2,3-cd)pyrene	0.37	mg/kg	UJ
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Isophorone	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Nitroso-di-n-propylamine[N-]	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Nitrosodimethylamine[N-]	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Nitrosodiphenylamine[N-]	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Naphthalene	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Nitrobenzene	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Pentachlorophenol	1.8	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Phenanthrene	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Phenol	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Pyrene	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Aluminum	3700	mg/kg	J+
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Cadmium	0.071	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Barium	31.3	mg/kg	None
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Beryllium	0.46	mg/kg	J
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Calcium	5090	mg/kg	None
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Chromium	23.6	mg/kg	None
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Cobalt	1.1	mg/kg	J
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Copper	3.2	mg/kg	None
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Iron	4440	mg/kg	None
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Lead	3.6	mg/kg	None
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Magnesium	1630	mg/kg	None
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Manganese	149	mg/kg	J-
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Nickel	13.6	mg/kg	None
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Potassium	703	mg/kg	None
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Selenium	0.29	mg/kg	J
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Silver	0.51	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Sodium	3.9	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Thallium	0.2	mg/kg	J-
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Vanadium	5.5	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Zinc	21.6	mg/kg	None
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Mercury	0.019	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Plutonium-239	0.00357	pCi/g	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Cobalt-60	-0.00274	pCi/g	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Cesium-134	0.106	pCi/g	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Tritium	134.1176	pCi/g	None
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Cesium-137	-0.00479	pCi/g	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Americium-241	0.0052	pCi/g	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Europium-152	-0.0305	pCi/g	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Thorium-228	1.12	pCi/g	None
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Thorium-232	1.13	pCi/g	None
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Plutonium-238	0	pCi/g	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Uranium-235	0.0372	pCi/g	J
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Thorium-230	0.694	pCi/g	None
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Uranium-234	0.7	pCi/g	None
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Strontium-90	0.0686	pCi/g	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Uranium-238	0.697	pCi/g	None
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Ruthenium-106	0.0679	pCi/g	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Antimony	0.82	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Cadmium	0.066	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	DDD[4,4'-]	0.0018	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	DDE[4,4'-]	0.0018	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	DDT[4,4'-]	0.0018	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Aldrin	0.0018	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	BHC[alpha-]	0.0018	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Chlordane[alpha-]	0.0018	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	BHC[beta-]	0.0018	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	BHC[delta-]	0.0018	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Dieldrin	0.0018	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Endosulfan I	0.0018	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Endosulfan II	0.0018	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Endosulfan sulfate	0.0018	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Endrin	0.0018	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Endrin aldehyde	0.0018	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Endrin ketone	0.0018	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	BHC[gamma-]	0.0018	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Chlordane[gamma-]	0.0018	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Heptachlor	0.0018	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Heptachlor epoxide	0.0018	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Methoxychlor[4,4'-]	0.0035	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Toxaphene (technical grade)	0.07	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Aroclor-1016	0.035	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Aroclor-1221	0.035	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Aroclor-1232	0.035	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Aroclor-1242	0.035	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Aroclor-1248	0.035	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Aroclor-1254	0.035	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Aroclor-1260	0.035	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Tetrachloroethane[1,1,1,2-]	0.0087	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Trichloroethane[1,1,1-]	0.0087	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Tetrachloroethane[1,1,2,2-]	0.0087	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Trichloroethane[1,1,2-]	0.0087	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Dichloroethane[1,1-]	0.0087	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Dichloroethene[1,1-]	0.0087	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Dichloropropene[1,1-]	0.0087	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Trichloropropane[1,2,3-]	0.0087	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Trimethylbenzene[1,2,4-]	0.0087	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Dibromo-3-chloropropane[1,2-]	0.017	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Dibromoethane[1,2-]	0.0087	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Dichlorobenzene[1,2-]	0.0087	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Dichloroethane[1,2-]	0.0087	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Dichloroethene[cis/trans-1,2-]	0.0087	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Dichloropropane[1,2-]	0.0087	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Trimethylbenzene[1,3,5-]	0.0087	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Dichlorobenzene[1,3-]	0.0087	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Dichloropropane[1,3-]	0.0087	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Dichlorobenzene[1,4-]	0.0087	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Dichloropropane[2,2-]	0.0087	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Butanone[2-]	0.035	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Chlorotoluene[2-]	0.0087	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Hexanone[2-]	0.035	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Chlorotoluene[4-]	0.0087	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Isopropyltoluene[4-]	0.0087	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Methyl-2-pentanone[4-]	0.035	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Acetone	0.035	mg/kg	UJ
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Benzene	0.0087	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Bromobenzene	0.0087	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Bromochloromethane	0.0087	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Bromodichloromethane	0.0087	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Bromoform	0.0087	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Bromomethane	0.017	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Carbon disulfide	0.0087	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Carbon tetrachloride	0.0087	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Chlorobenzene	0.0087	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Chlorodibromomethane	0.0087	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Chloroethane	0.017	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Chloroform	0.0087	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Chloromethane	0.017	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Dichloropropene[cis-1,3-]	0.0087	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Dibromomethane	0.0087	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Dichlorodifluoromethane	0.017	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Ethylbenzene	0.0087	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Iodomethane	0.0087	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Isopropylbenzene	0.0087	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Methylene chloride	0.0087	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Butylbenzene[n-]	0.0087	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Propylbenzene[1-]	0.0087	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Butylbenzene[sec-]	0.0087	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Styrene	0.0087	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Butylbenzene[tert-]	0.0087	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Tetrachloroethene	0.0087	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Toluene	0.0087	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Dichloropropene[trans-1,3-]	0.0087	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Trichloroethene	0.0087	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Trichlorofluoromethane	0.017	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0087	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Vinyl chloride	0.017	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Xylene (total)	0.0087	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Trichlorobenzene[1,2,4-]	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Dichlorobenzene[1,2-]	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Dichlorobenzene[1,3-]	0.35	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Dichlorobenzene[1,4-]	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Trichlorophenol[2,4,5-]	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Trichlorophenol[2,4,6-]	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Dichlorophenol[2,4-]	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Dimethylphenol[2,4-]	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Dinitrophenol[2,4-]	1.7	mg/kg	UJ
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Dinitrotoluene[2,4-]	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Dinitrotoluene[2,6-]	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Chloronaphthalene[2-]	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Chlorophenol[2-]	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Methylnaphthalene[2-]	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Methylphenol[2-]	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Nitroaniline[2-]	1.7	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Nitrophenol[2-]	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Dichlorobenzidine[3,3'-]	1.7	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Nitroaniline[3-]	1.7	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Bromophenyl-phenylether[4-]	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Chloro-3-methylphenol[4-]	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Chloroaniline[4-]	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Chlorophenyl-phenyl[4-] ether	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Methylphenol[4-]	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Nitroaniline[4-]	1.7	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Nitrophenol[4-]	1.7	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Acenaphthene	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Acenaphthylene	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Aniline	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Anthracene	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Azobenzene	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Benzo(a)anthracene	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Benzo(a)pyrene	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Benzo(b)fluoranthene	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Benzo(g,h,i)perylene	0.35	mg/kg	UJ
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Benzo(k)fluoranthene	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Benzoic acid	1.7	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Benzyl alcohol	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Bis(2-chloroethoxy)methane	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Bis(2-chloroethyl)ether	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Bis(2-ethylhexyl)phthalate	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Butylbenzylphthalate	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Chrysene	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Di-n-butylphthalate	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Di-n-octylphthalate	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Dibenz(a,h)anthracene	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Dibenzofuran	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Diethylphthalate	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Dimethyl phthalate	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Fluoranthene	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Fluorene	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Hexachlorobenzene	0.35	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Hexachlorobutadiene	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Hexachlorocyclopentadiene	1.7	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Hexachloroethane	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	UJ
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Isophorone	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Nitrosodimethylamine[N-]	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Nitrosodiphenylamine[N-]	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Naphthalene	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Nitrobenzene	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Pentachlorophenol	1.7	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Phenanthrene	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Phenol	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Pyrene	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Aluminum	604	mg/kg	J+
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Arsenic	0.31	mg/kg	J
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Barium	5	mg/kg	J
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Beryllium	0.16	mg/kg	J
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Calcium	608	mg/kg	None
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Chromium	39.6	mg/kg	None
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Cobalt	0.62	mg/kg	J
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Copper	0.96	mg/kg	J
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Iron	3270	mg/kg	None
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Lead	2	mg/kg	None
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Magnesium	192	mg/kg	J-
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Manganese	175	mg/kg	None
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Nickel	18.9	mg/kg	None
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Potassium	245	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Selenium	0.32	mg/kg	J
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Silver	0.47	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Sodium	172	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Thallium	0.14	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Vanadium	3.2	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Zinc	16.1	mg/kg	None
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Mercury	0.018	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Americium-241	0.00711	pCi/g	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Cobalt-60	-0.0201	pCi/g	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Cesium-134	0.0557	pCi/g	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Cesium-137	-0.00972	pCi/g	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Europium-152	0.024	pCi/g	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Tritium	63.81081	pCi/g	None
21-11220	MD21-01-0310	5.0–6.0	FILL	Plutonium-238	0.00263	pCi/g	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Plutonium-239	0.205	pCi/g	None
21-11220	MD21-01-0310	5.0–6.0	FILL	Ruthenium-106	-0.0147	pCi/g	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Strontium-90	0.0857	pCi/g	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Uranium-234	0.805	pCi/g	None
21-11220	MD21-01-0310	5.0–6.0	FILL	Uranium-235	0.0349	pCi/g	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Uranium-238	0.787	pCi/g	None
21-11220	MD21-01-0310	5.0–6.0	FILL	Thorium-228	1.34	pCi/g	None
21-11220	MD21-01-0310	5.0–6.0	FILL	Thorium-230	0.689	pCi/g	None
21-11220	MD21-01-0310	5.0–6.0	FILL	Thorium-232	1.34	pCi/g	None

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11220	MD21-01-0310	5.0–6.0	FILL	Antimony	0.85	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Cadmium	0.074	mg/kg	J
21-11220	MD21-01-0310	5.0–6.0	FILL	DDD[4,4'-]	0.0018	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	DDE[4,4'-]	0.0018	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	DDT[4,4'-]	0.0022	mg/kg	None
21-11220	MD21-01-0310	5.0–6.0	FILL	Aldrin	0.0018	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	BHC[alpha-]	0.0018	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Chlordane[alpha-]	0.0018	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	BHC[beta-]	0.0018	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	BHC[delta-]	0.0018	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Dieldrin	0.0018	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Endosulfan I	0.0018	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Endosulfan II	0.0018	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Endosulfan sulfate	0.0018	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Endrin	0.0018	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Endrin aldehyde	0.0018	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Endrin ketone	0.0018	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	BHC[gamma-]	0.0018	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Chlordane[gamma-]	0.0018	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Heptachlor	0.0018	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Heptachlor epoxide	0.0018	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Methoxychlor[4,4'-]	0.0036	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Toxaphene (technical grade)	0.072	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Aroclor-1016	0.036	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Aroclor-1221	0.036	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Aroclor-1232	0.036	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Aroclor-1242	0.036	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Aroclor-1248	0.036	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Aroclor-1254	0.036	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Aroclor-1260	0.036	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Tetrachloroethane[1,1,1,2-]	0.0072	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Trichloroethane[1,1,1-]	0.0072	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Tetrachloroethane[1,1,2,2-]	0.0072	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Trichloroethane[1,1,2-]	0.0072	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Dichloroethane[1,1-]	0.0072	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Dichloroethene[1,1-]	0.0072	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Dichloropropene[1,1-]	0.0072	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Trichloropropane[1,2,3-]	0.0072	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Trimethylbenzene[1,2,4-]	0.0072	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Dibromo-3-chloropropane[1,2-]	0.014	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Dibromoethane[1,2-]	0.0072	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Dichlorobenzene[1,2-]	0.0072	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Dichloroethane[1,2-]	0.0072	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Dichloroethene[cis/trans-1,2-]	0.0072	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Dichloropropane[1,2-]	0.0072	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Trimethylbenzene[1,3,5-]	0.0072	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Dichlorobenzene[1,3-]	0.0072	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Dichloropropane[1,3-]	0.0072	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Dichlorobenzene[1,4-]	0.0072	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Dichloropropane[2,2-]	0.0072	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Butanone[2-]	0.029	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11220	MD21-01-0310	5.0–6.0	FILL	Chlorotoluene[2-]	0.0072	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Hexanone[2-]	0.029	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Chlorotoluene[4-]	0.0072	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Isopropyltoluene[4-]	0.0072	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Methyl-2-pentanone[4-]	0.029	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Acetone	0.029	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Benzene	0.0072	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Bromobenzene	0.0072	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Bromochloromethane	0.0072	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Bromodichloromethane	0.0072	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Bromoform	0.0072	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Bromomethane	0.014	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Carbon disulfide	0.0072	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Carbon tetrachloride	0.0072	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Chlorobenzene	0.0072	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Chlorodibromomethane	0.0072	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Chloroethane	0.014	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Chloroform	0.0072	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Chloromethane	0.014	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Dichloropropene[cis-1,3-]	0.0072	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Dibromomethane	0.0072	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Dichlorodifluoromethane	0.014	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Ethylbenzene	0.0072	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Iodomethane	0.0072	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Isopropylbenzene	0.0072	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Methylene chloride	0.0072	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Butylbenzene[n-]	0.0072	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Propylbenzene[1-]	0.0072	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Butylbenzene[sec-]	0.0072	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Styrene	0.0072	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Butylbenzene[tert-]	0.0072	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Tetrachloroethene	0.0072	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Toluene	0.0072	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Dichloropropene[trans-1,3-]	0.0072	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Trichloroethene	0.0072	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Trichlorofluoromethane	0.014	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0072	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Vinyl chloride	0.014	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Xylene (total)	0.0072	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Trichlorobenzene[1,2,4-]	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Dichlorobenzene[1,2-]	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Dichlorobenzene[1,3-]	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Dichlorobenzene[1,4-]	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Oxybis(1-chloropropane)[2,2'-]	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Trichlorophenol[2,4,5-]	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Trichlorophenol[2,4,6-]	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Dichlorophenol[2,4-]	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Dimethylphenol[2,4-]	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Dinitrophenol[2,4-]	1.7	mg/kg	UJ
21-11220	MD21-01-0310	5.0–6.0	FILL	Dinitrotoluene[2,4-]	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Dinitrotoluene[2,6-]	0.36	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11220	MD21-01-0310	5.0–6.0	FILL	Chloronaphthalene[2-]	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Chlorophenol[2-]	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Methylnaphthalene[2-]	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Methylphenol[2-]	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Nitroaniline[2-]	1.7	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Nitrophenol[2-]	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Dichlorobenzidine[3,3'-]	1.7	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Nitroaniline[3-]	1.7	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Bromophenyl-phenylether[4-]	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Chloro-3-methylphenol[4-]	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Chloroaniline[4-]	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Chlorophenyl-phenyl[4-] ether	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Methylphenol[4-]	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Nitroaniline[4-]	1.7	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Nitrophenol[4-]	1.7	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Acenaphthene	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Acenaphthylene	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Aniline	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Anthracene	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Azobenzene	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Benzo(a)anthracene	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Benzo(a)pyrene	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Benzo(b)fluoranthene	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Benzo(g,h,i)perylene	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Benzo(k)fluoranthene	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Benzoic acid	1.7	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Benzyl alcohol	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Bis(2-chloroethoxy)methane	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Bis(2-chloroethyl)ether	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Bis(2-ethylhexyl)phthalate	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Butylbenzylphthalate	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Chrysene	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Di-n-butylphthalate	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Di-n-octylphthalate	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Dibenz(a,h)anthracene	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Dibenzofuran	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Diethylphthalate	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Dimethyl phthalate	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Fluoranthene	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Fluorene	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Hexachlorobenzene	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Hexachlorobutadiene	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Hexachlorocyclopentadiene	1.7	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Hexachloroethane	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Indeno(1,2,3-cd)pyrene	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Isophorone	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Nitroso-di-n-propylamine[N-]	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Nitrosodimethylamine[N-]	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Nitrosodiphenylamine[N-]	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Naphthalene	0.36	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11220	MD21-01-0310	5.0–6.0	FILL	Nitrobenzene	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Pentachlorophenol	1.7	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Phenanthrene	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Phenol	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Pyrene	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Aluminum	7130	mg/kg	J+
21-11220	MD21-01-0310	5.0–6.0	FILL	Arsenic	1.4	mg/kg	None
21-11220	MD21-01-0310	5.0–6.0	FILL	Barium	59.9	mg/kg	None
21-11220	MD21-01-0310	5.0–6.0	FILL	Beryllium	0.79	mg/kg	None
21-11220	MD21-01-0310	5.0–6.0	FILL	Calcium	4540	mg/kg	None
21-11220	MD21-01-0310	5.0–6.0	FILL	Chromium	5.7	mg/kg	None
21-11220	MD21-01-0310	5.0–6.0	FILL	Cobalt	2	mg/kg	J
21-11220	MD21-01-0310	5.0–6.0	FILL	Copper	6	mg/kg	J
21-11220	MD21-01-0310	5.0–6.0	FILL	Iron	8510	mg/kg	None
21-11220	MD21-01-0310	5.0–6.0	FILL	Lead	13.1	mg/kg	None
21-11220	MD21-01-0310	5.0–6.0	FILL	Magnesium	1390	mg/kg	None
21-11220	MD21-01-0310	5.0–6.0	FILL	Manganese	243	mg/kg	J-
21-11220	MD21-01-0310	5.0–6.0	FILL	Nickel	4.8	mg/kg	None
21-11220	MD21-01-0310	5.0–6.0	FILL	Potassium	902	mg/kg	None
21-11220	MD21-01-0310	5.0–6.0	FILL	Selenium	0.25	mg/kg	J-
21-11220	MD21-01-0310	5.0–6.0	FILL	Silver	0.49	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Sodium	237	mg/kg	J
21-11220	MD21-01-0310	5.0–6.0	FILL	Thallium	0.14	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Vanadium	10.6	mg/kg	None
21-11220	MD21-01-0310	5.0–6.0	FILL	Zinc	36.2	mg/kg	None
21-11220	MD21-01-0310	5.0–6.0	FILL	Mercury	0.63	mg/kg	None
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Americium-241	0.00146	pCi/g	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Cobalt-60	0.0192	pCi/g	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Cesium-134	0.0591	pCi/g	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Cesium-137	-0.0134	pCi/g	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Europium-152	0.00476	pCi/g	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Tritium	72.00441	pCi/g	None
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Plutonium-238	0	pCi/g	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Plutonium-239	0.00307	pCi/g	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Ruthenium-106	0.187	pCi/g	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Strontium-90	0.0954	pCi/g	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Uranium-234	0.901	pCi/g	None
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Uranium-235	0.0244	pCi/g	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Uranium-238	0.872	pCi/g	None
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Thorium-228	1.04	pCi/g	None
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Thorium-230	0.746	pCi/g	None
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Thorium-232	0.923	pCi/g	None
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Antimony	0.87	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Cadmium	0.069	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	DDD[4,4'-]	0.0019	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	DDE[4,4'-]	0.0019	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	DDT[4,4'-]	0.0019	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Aldrin	0.0019	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	BHC[alpha-]	0.0019	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Chlordane[alpha-]	0.0019	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	BHC[beta-]	0.0019	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11221	MD21-01-0311	4.0–5.0	Qbt3	BHC[delta-]	0.0019	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Dieldrin	0.0019	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Endosulfan I	0.0019	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Endosulfan II	0.0019	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Endosulfan sulfate	0.0019	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Endrin	0.0019	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Endrin aldehyde	0.0019	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Endrin ketone	0.0019	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	BHC[gamma-]	0.0019	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Chlordane[gamma-]	0.0019	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Heptachlor	0.0019	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Heptachlor epoxide	0.0019	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Methoxychlor[4,4'-]	0.0036	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Toxaphene (technical grade)	0.074	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Aroclor-1016	0.036	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Aroclor-1221	0.036	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Aroclor-1232	0.036	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Aroclor-1242	0.036	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Aroclor-1248	0.036	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Aroclor-1254	0.036	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Aroclor-1260	0.036	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Tetrachloroethane[1,1,1,2-]	0.0071	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Trichloroethane[1,1,1-]	0.0071	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Tetrachloroethane[1,1,2,2-]	0.0071	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Trichloroethane[1,1,2-]	0.0071	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Dichloroethane[1,1-]	0.0071	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Dichloroethene[1,1-]	0.0071	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Dichloropropene[1,1-]	0.0071	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Trichloropropane[1,2,3-]	0.0071	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Trimethylbenzene[1,2,4-]	0.0071	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Dibromo-3-chloropropane[1,2-]	0.014	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Dibromoethane[1,2-]	0.0071	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Dichlorobenzene[1,2-]	0.0071	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Dichloroethane[1,2-]	0.0071	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Dichloroethene[cis/trans-1,2-]	0.0071	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Dichloropropane[1,2-]	0.0071	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Trimethylbenzene[1,3,5-]	0.0071	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Dichlorobenzene[1,3-]	0.0071	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Dichloropropane[1,3-]	0.0071	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Dichlorobenzene[1,4-]	0.0071	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Dichloropropane[2,2-]	0.0071	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Butanone[2-]	0.029	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Chlorotoluene[2-]	0.0071	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Hexanone[2-]	0.029	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Chlorotoluene[4-]	0.0071	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Isopropyltoluene[4-]	0.0071	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Methyl-2-pentanone[4-]	0.029	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Acetone	0.029	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Benzene	0.0071	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Bromobenzene	0.0071	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Bromochloromethane	0.0071	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Bromodichloromethane	0.0071	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Bromoform	0.0071	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Bromomethane	0.014	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Carbon disulfide	0.0071	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Carbon tetrachloride	0.0071	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Chlorobenzene	0.0071	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Chlorodibromomethane	0.0071	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Chloroethane	0.014	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Chloroform	0.0071	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Chloromethane	0.014	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Dichloropropene[cis-1,3-]	0.0071	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Dibromomethane	0.0071	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Dichlorodifluoromethane	0.014	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Ethylbenzene	0.0071	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Iodomethane	0.0071	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Isopropylbenzene	0.0071	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Methylene chloride	0.0071	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Butylbenzene[n-]	0.0071	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Propylbenzene[1-]	0.0071	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Butylbenzene[sec-]	0.0071	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Styrene	0.0071	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Butylbenzene[tert-]	0.0071	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Tetrachloroethene	0.0071	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Toluene	0.0071	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Dichloropropene[trans-1,3-]	0.0071	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Trichloroethene	0.0071	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Trichlorofluoromethane	0.014	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0071	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Vinyl chloride	0.014	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Xylene (total)	0.0071	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Trichlorobenzene[1,2,4-]	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Dichlorobenzene[1,2-]	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Dichlorobenzene[1,3-]	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Dichlorobenzene[1,4-]	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Oxybis(1-chloropropane)[2,2'-]	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Trichlorophenol[2,4,5-]	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Trichlorophenol[2,4,6-]	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Dichlorophenol[2,4-]	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Dimethylphenol[2,4-]	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Dinitrophenol[2,4-]	1.8	mg/kg	UJ
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Dinitrotoluene[2,4-]	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Dinitrotoluene[2,6-]	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Chloronaphthalene[2-]	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Chlorophenol[2-]	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Methylnaphthalene[2-]	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Methylphenol[2-]	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Nitroaniline[2-]	1.8	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Nitrophenol[2-]	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Dichlorobenzidine[3,3'-]	1.8	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Nitroaniline[3-]	1.8	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Dinitro-2-methylphenol[4,6-]	1.8	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Bromophenyl-phenylether[4-]	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Chloro-3-methylphenol[4-]	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Chloroaniline[4-]	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Chlorophenyl-phenyl[4-] ether	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Methylphenol[4-]	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Nitroaniline[4-]	1.8	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Nitrophenol[4-]	1.8	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Acenaphthene	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Acenaphthylene	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Aniline	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Anthracene	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Azobenzene	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Benzo(a)anthracene	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Benzo(a)pyrene	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Benzo(b)fluoranthene	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Benzo(g,h,i)perylene	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Benzo(k)fluoranthene	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Benzoic acid	1.8	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Benzyl alcohol	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Bis(2-chloroethoxy)methane	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Bis(2-chloroethyl)ether	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Bis(2-ethylhexyl)phthalate	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Butylbenzylphthalate	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Chrysene	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Di-n-butylphthalate	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Di-n-octylphthalate	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Dibenz(a,h)anthracene	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Dibenzofuran	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Diethylphthalate	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Dimethyl phthalate	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Fluoranthene	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Fluorene	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Hexachlorobenzene	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Hexachlorobutadiene	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Hexachlorocyclopentadiene	1.8	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Hexachloroethane	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Indeno(1,2,3-cd)pyrene	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Isophorone	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Nitroso-di-n-propylamine[N-]	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Nitrosodimethylamine[N-]	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Nitrosodiphenylamine[N-]	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Naphthalene	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Nitrobenzene	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Pentachlorophenol	1.8	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Phenanthrene	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Phenol	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Pyrene	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Aluminum	5930	mg/kg	J+
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Arsenic	0.9	mg/kg	J
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Barium	54	mg/kg	None
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Beryllium	0.65	mg/kg	None

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Calcium	6880	mg/kg	None
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Chromium	3.8	mg/kg	None
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Cobalt	1.2	mg/kg	J
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Copper	3.5	mg/kg	J
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Iron	6780	mg/kg	None
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Lead	9.5	mg/kg	None
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Magnesium	1480	mg/kg	None
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Manganese	191	mg/kg	J-
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Nickel	3.3	mg/kg	J
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Potassium	873	mg/kg	None
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Selenium	0.41	mg/kg	J-
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Silver	0.5	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Sodium	115	mg/kg	J
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Thallium	0.098	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Vanadium	6.8	mg/kg	None
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Zinc	30.8	mg/kg	None
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Mercury	0.065	mg/kg	None
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Plutonium-239	0.00124	pCi/g	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Uranium-234	0.5	pCi/g	None
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Uranium-238	0.573	pCi/g	None
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Cobalt-60	-0.00999	pCi/g	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Plutonium-238	-0.00031	pCi/g	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Americium-241	0.0101	pCi/g	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Tritium	741.0042	pCi/g	None
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Uranium-235	0.022	pCi/g	J
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Thorium-230	0.628	pCi/g	None
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Thorium-228	1.17	pCi/g	None
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Strontium-90	0.0514	pCi/g	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Cesium-134	0.0981	pCi/g	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Europium-152	-0.0503	pCi/g	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Thorium-232	1.14	pCi/g	None
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Ruthenium-106	-0.00596	pCi/g	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Cesium-137	-0.0177	pCi/g	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Antimony	0.82	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Cadmium	0.065	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	DDD[4,4'-]	0.0018	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	DDE[4,4'-]	0.0018	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	DDT[4,4'-]	0.0018	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Aldrin	0.0018	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	BHC[alpha-]	0.0018	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Chlordane[alpha-]	0.0018	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	BHC[beta-]	0.0018	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	BHC[delta-]	0.0018	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Dieldrin	0.0018	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Endosulfan I	0.0018	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Endosulfan II	0.0018	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Endosulfan sulfate	0.0018	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Endrin	0.0018	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Endrin aldehyde	0.0018	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Endrin ketone	0.0018	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	BHC[gamma-]	0.0018	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Chlordane[gamma-]	0.0018	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Heptachlor	0.0018	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Heptachlor epoxide	0.0018	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Methoxychlor[4,4'-]	0.0035	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Toxaphene (technical grade)	0.07	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Aroclor-1016	0.035	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Aroclor-1221	0.035	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Aroclor-1232	0.035	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Aroclor-1242	0.035	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Aroclor-1248	0.035	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Aroclor-1254	0.035	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Aroclor-1260	0.035	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Tetrachloroethane[1,1,1,2-]	0.0076	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Trichloroethane[1,1,1-]	0.0076	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Tetrachloroethane[1,1,2,2-]	0.0076	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Trichloroethane[1,1,2-]	0.0076	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Dichloroethane[1,1-]	0.0076	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Dichloroethene[1,1-]	0.0076	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Dichloropropene[1,1-]	0.0076	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Trichloropropane[1,2,3-]	0.0076	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Trimethylbenzene[1,2,4-]	0.0076	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Dibromo-3-chloropropane[1,2-]	0.015	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Dibromoethane[1,2-]	0.0076	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Dichlorobenzene[1,2-]	0.0076	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Dichloroethane[1,2-]	0.0076	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Dichloroethene[cis/trans-1,2-]	0.0076	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Dichloropropane[1,2-]	0.0076	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Trimethylbenzene[1,3,5-]	0.0076	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Dichlorobenzene[1,3-]	0.0076	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Dichloropropane[1,3-]	0.0076	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Dichlorobenzene[1,4-]	0.0076	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Dichloropropane[2,2-]	0.0076	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Butanone[2-]	0.031	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Chlorotoluene[2-]	0.0076	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Hexanone[2-]	0.031	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Chlorotoluene[4-]	0.0076	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Isopropyltoluene[4-]	0.0076	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Methyl-2-pentanone[4-]	0.031	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Acetone	0.031	mg/kg	UJ
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Benzene	0.0076	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Bromobenzene	0.0076	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Bromochloromethane	0.0076	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Bromodichloromethane	0.0076	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Bromoform	0.0076	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Bromomethane	0.015	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Carbon disulfide	0.0076	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Carbon tetrachloride	0.0076	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Chlorobenzene	0.0076	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Chlorodibromomethane	0.0076	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Chloroethane	0.015	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Chloroform	0.0076	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Chloromethane	0.015	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Dichloropropene[cis-1,3-]	0.0076	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Dibromomethane	0.0076	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Dichlorodifluoromethane	0.015	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Ethylbenzene	0.0076	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Iodomethane	0.0076	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Isopropylbenzene	0.0076	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Methylene chloride	0.0076	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Butylbenzene[n-]	0.0076	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Propylbenzene[1-]	0.0076	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Butylbenzene[sec-]	0.0076	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Styrene	0.0076	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Butylbenzene[tert-]	0.0076	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Tetrachloroethene	0.0076	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Toluene	0.0076	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Dichloropropene[trans-1,3-]	0.0076	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Trichloroethene	0.0076	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Trichlorofluoromethane	0.015	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0076	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Vinyl chloride	0.015	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Xylene (total)	0.0076	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Trichlorobenzene[1,2,4-]	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Dichlorobenzene[1,2-]	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Dichlorobenzene[1,3-]	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Dichlorobenzene[1,4-]	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Trichlorophenol[2,4,5-]	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Trichlorophenol[2,4,6-]	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Dichlorophenol[2,4-]	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Dimethylphenol[2,4-]	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Dinitrophenol[2,4-]	1.7	mg/kg	UJ
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Dinitrotoluene[2,4-]	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Dinitrotoluene[2,6-]	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Chloronaphthalene[2-]	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Chlorophenol[2-]	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Methylnaphthalene[2-]	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Methylphenol[2-]	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Nitroaniline[2-]	1.7	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Nitrophenol[2-]	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Dichlorobenzidine[3,3'-]	1.7	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Nitroaniline[3-]	1.7	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Bromophenyl-phenylether[4-]	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Chloro-3-methylphenol[4-]	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Chloroaniline[4-]	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Chlorophenyl-phenyl[4-] ether	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Methylphenol[4-]	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Nitroaniline[4-]	1.7	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Nitrophenol[4-]	1.7	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Acenaphthene	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Acenaphthylene	0.35	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Aniline	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Anthracene	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Azobenzene	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Benzo(a)anthracene	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Benzo(a)pyrene	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Benzo(b)fluoranthene	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Benzo(g,h,i)perylene	0.35	mg/kg	UJ
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Benzo(k)fluoranthene	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Benzoic acid	1.7	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Benzyl alcohol	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Bis(2-chloroethoxy)methane	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Bis(2-chloroethyl)ether	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Bis(2-ethylhexyl)phthalate	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Butylbenzylphthalate	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Chrysene	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Di-n-butylphthalate	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Di-n-octylphthalate	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Dibenz(a,h)anthracene	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Dibenzofuran	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Diethylphthalate	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Dimethyl phthalate	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Fluoranthene	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Fluorene	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Hexachlorobenzene	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Hexachlorobutadiene	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Hexachlorocyclopentadiene	1.7	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Hexachloroethane	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	UJ
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Isophorone	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Nitrosodimethylamine[N-]	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Nitrosodiphenylamine[N-]	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Naphthalene	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Nitrobenzene	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Pentachlorophenol	1.7	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Phenanthrene	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Phenol	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Pyrene	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Aluminum	528	mg/kg	J+
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Arsenic	0.14	mg/kg	J
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Barium	5.4	mg/kg	J
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Beryllium	0.2	mg/kg	J
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Calcium	458	mg/kg	J
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Chromium	27.4	mg/kg	None
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Cobalt	0.71	mg/kg	J
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Copper	0.92	mg/kg	J
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Iron	3210	mg/kg	None
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Lead	2.3	mg/kg	None
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Magnesium	190	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Manganese	165	mg/kg	J-
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Nickel	13.2	mg/kg	None

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Potassium	244	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Selenium	0.21	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Silver	0.47	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Sodium	198	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Thallium	0.11	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Vanadium	3.5	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Zinc	18.7	mg/kg	None
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Mercury	0.017	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Plutonium-239	0.0323	pCi/g	J
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Thorium-228	1.31	pCi/g	None
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Strontium-90	0.0754	pCi/g	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Plutonium-238	0	pCi/g	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Americium-241	0.00106	pCi/g	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Uranium-235	0.0287	pCi/g	J
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Thorium-230	0.748	pCi/g	None
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Tritium	1297.908	pCi/g	None
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Cesium-137	-0.0391	pCi/g	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Uranium-238	0.802	pCi/g	None
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Cesium-134	0.0831	pCi/g	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Cobalt-60	0.00578	pCi/g	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Uranium-234	0.734	pCi/g	None
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Thorium-232	1.15	pCi/g	None
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Ruthenium-106	-0.0258	pCi/g	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Europium-152	-0.0163	pCi/g	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Antimony	0.82	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Cadmium	0.065	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	DDD[4,4'-]	0.0018	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	DDE[4,4'-]	0.0018	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	DDT[4,4'-]	0.0018	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Aldrin	0.0018	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	BHC[alpha-]	0.0018	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Chlordane[alpha-]	0.0018	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	BHC[beta-]	0.0018	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	BHC[delta-]	0.0018	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Dieldrin	0.0018	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Endosulfan I	0.0018	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Endosulfan II	0.0018	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Endosulfan sulfate	0.0018	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Endrin	0.0018	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Endrin aldehyde	0.0018	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Endrin ketone	0.0018	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	BHC[gamma-]	0.0018	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Chlordane[gamma-]	0.0018	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Heptachlor	0.0018	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Heptachlor epoxide	0.0018	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Methoxychlor[4,4'-]	0.0035	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Toxaphene (technical grade)	0.07	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Aroclor-1016	0.035	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Aroclor-1221	0.035	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Aroclor-1232	0.035	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Aroclor-1242	0.035	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Aroclor-1248	0.035	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Aroclor-1254	0.035	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Aroclor-1260	0.035	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Tetrachloroethane[1,1,1,2-]	0.0079	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Trichloroethane[1,1,1-]	0.0079	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Tetrachloroethane[1,1,2,2-]	0.0079	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Trichloroethane[1,1,2-]	0.0079	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Dichloroethane[1,1-]	0.0079	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Dichloroethene[1,1-]	0.0079	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Dichloropropene[1,1-]	0.0079	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Trichloropropane[1,2,3-]	0.0079	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Trimethylbenzene[1,2,4-]	0.0079	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Dibromo-3-chloropropane[1,2-]	0.016	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Dibromoethane[1,2-]	0.0079	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Dichlorobenzene[1,2-]	0.0079	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Dichloroethane[1,2-]	0.0079	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Dichloroethene[cis/trans-1,2-]	0.0079	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Dichloropropane[1,2-]	0.0079	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Trimethylbenzene[1,3,5-]	0.0079	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Dichlorobenzene[1,3-]	0.0079	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Dichloropropane[1,3-]	0.0079	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Dichlorobenzene[1,4-]	0.0079	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Dichloropropane[2,2-]	0.0079	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Butanone[2-]	0.031	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Chlorotoluene[2-]	0.0079	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Hexanone[2-]	0.031	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Chlorotoluene[4-]	0.0079	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Isopropyltoluene[4-]	0.0079	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Methyl-2-pentanone[4-]	0.031	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Acetone	0.031	mg/kg	UJ
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Benzene	0.0079	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Bromobenzene	0.0079	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Bromochloromethane	0.0079	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Bromodichloromethane	0.0079	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Bromoform	0.0079	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Bromomethane	0.016	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Carbon disulfide	0.0079	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Carbon tetrachloride	0.0079	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Chlorobenzene	0.0079	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Chlorodibromomethane	0.0079	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Chloroethane	0.016	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Chloroform	0.0079	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Chloromethane	0.016	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Dichloropropene[cis-1,3-]	0.0079	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Dibromomethane	0.0079	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Dichlorodifluoromethane	0.016	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Ethylbenzene	0.0079	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Iodomethane	0.0079	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Isopropylbenzene	0.0079	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Methylene chloride	0.0079	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Butylbenzene[n-]	0.0079	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Propylbenzene[1-]	0.0079	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Butylbenzene[sec-]	0.0079	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Styrene	0.0079	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Butylbenzene[tert-]	0.0079	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Tetrachloroethene	0.0079	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Toluene	0.0079	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Dichloropropene[trans-1,3-]	0.0079	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Trichloroethene	0.0079	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Trichlorofluoromethane	0.016	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0079	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Vinyl chloride	0.016	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Xylene (total)	0.0079	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Trichlorobenzene[1,2,4-]	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Dichlorobenzene[1,2-]	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Dichlorobenzene[1,3-]	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Dichlorobenzene[1,4-]	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Trichlorophenol[2,4,5-]	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Trichlorophenol[2,4,6-]	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Dichlorophenol[2,4-]	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Dimethylphenol[2,4-]	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Dinitrophenol[2,4-]	1.7	mg/kg	UJ
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Dinitrotoluene[2,4-]	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Dinitrotoluene[2,6-]	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Chloronaphthalene[2-]	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Chlorophenol[2-]	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Methylnaphthalene[2-]	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Methylphenol[2-]	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Nitroaniline[2-]	1.7	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Nitrophenol[2-]	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Dichlorobenzidine[3,3'-]	1.7	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Nitroaniline[3-]	1.7	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Bromophenyl-phenylether[4-]	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Chloro-3-methylphenol[4-]	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Chloroaniline[4-]	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Chlorophenyl-phenyl[4-] ether	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Methylphenol[4-]	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Nitroaniline[4-]	1.7	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Nitrophenol[4-]	1.7	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Acenaphthene	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Acenaphthylene	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Aniline	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Anthracene	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Azobenzene	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Benzo(a)anthracene	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Benzo(a)pyrene	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Benzo(b)fluoranthene	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Benzo(g,h,i)perylene	0.35	mg/kg	UJ
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Benzo(k)fluoranthene	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Benzoic acid	1.7	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Benzyl alcohol	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Bis(2-chloroethoxy)methane	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Bis(2-chloroethyl)ether	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Bis(2-ethylhexyl)phthalate	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Butylbenzylphthalate	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Chrysene	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Di-n-butylphthalate	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Di-n-octylphthalate	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Dibenz(a,h)anthracene	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Dibenzofuran	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Diethylphthalate	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Dimethyl phthalate	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Fluoranthene	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Fluorene	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Hexachlorobenzene	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Hexachlorobutadiene	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Hexachlorocyclopentadiene	1.7	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Hexachloroethane	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	UJ
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Isophorone	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Nitrosodimethylamine[N-]	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Nitrosodiphenylamine[N-]	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Naphthalene	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Nitrobenzene	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Pentachlorophenol	1.7	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Phenanthrene	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Phenol	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Pyrene	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Aluminum	520	mg/kg	J+
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Arsenic	0.32	mg/kg	J
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Barium	7.5	mg/kg	J
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Beryllium	0.23	mg/kg	J
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Calcium	440	mg/kg	J
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Chromium	21.8	mg/kg	None
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Cobalt	0.78	mg/kg	J
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Copper	0.92	mg/kg	J
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Iron	3580	mg/kg	None
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Lead	2.3	mg/kg	None
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Magnesium	240	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Manganese	196	mg/kg	J-
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Nickel	11.2	mg/kg	None
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Potassium	251	mg/kg	J
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Selenium	0.38	mg/kg	J
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Silver	0.47	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Sodium	179	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Thallium	0.094	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Vanadium	3.8	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Zinc	22.4	mg/kg	None
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Mercury	0.017	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Plutonium-239	0.00268	pCi/g	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Americium-241	0.00358	pCi/g	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Plutonium-238	0	pCi/g	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Uranium-238	0.756	pCi/g	None
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Uranium-235	0.0189	pCi/g	J
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Uranium-234	0.728	pCi/g	None
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Thorium-232	1.18	pCi/g	None
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Tritium	2251.782	pCi/g	None
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Thorium-228	1.18	pCi/g	None
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Europium-152	-0.00719	pCi/g	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Thorium-230	0.66	pCi/g	None
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Cesium-137	-0.0121	pCi/g	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Strontium-90	0.0121	pCi/g	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Ruthenium-106	-0.175	pCi/g	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Cesium-134	0.0656	pCi/g	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Cobalt-60	0.0193	pCi/g	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Antimony	0.82	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Cadmium	0.066	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	DDD[4,4'-]	0.0018	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	DDE[4,4'-]	0.0018	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	DDT[4,4'-]	0.0018	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Aldrin	0.0018	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	BHC[alpha-]	0.0018	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Chlordane[alpha-]	0.0018	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	BHC[beta-]	0.0018	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	BHC[delta-]	0.0018	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Dieldrin	0.0018	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Endosulfan I	0.0018	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Endosulfan II	0.0018	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Endosulfan sulfate	0.0018	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Endrin	0.0018	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Endrin aldehyde	0.0018	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Endrin ketone	0.0018	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	BHC[gamma-]	0.0018	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Chlordane[gamma-]	0.0018	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Heptachlor	0.0018	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Heptachlor epoxide	0.0018	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Methoxychlor[4,4'-]	0.0035	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Toxaphene (technical grade)	0.07	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Aroclor-1016	0.035	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Aroclor-1221	0.035	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Aroclor-1232	0.035	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Aroclor-1242	0.035	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Aroclor-1248	0.035	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Aroclor-1254	0.035	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Aroclor-1260	0.035	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Tetrachloroethane[1,1,1,2-]	0.0085	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Trichloroethane[1,1,1-]	0.0085	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Tetrachloroethane[1,1,2,2-]	0.0085	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Trichloroethane[1,1,2-]	0.0085	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Dichloroethane[1,1-]	0.0085	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Dichloroethene[1,1-]	0.0085	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Dichloropropene[1,1-]	0.0085	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Trichloropropane[1,2,3-]	0.0085	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Trimethylbenzene[1,2,4-]	0.0085	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Dibromo-3-chloropropane[1,2-]	0.017	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Dibromoethane[1,2-]	0.0085	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Dichlorobenzene[1,2-]	0.0085	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Dichloroethane[1,2-]	0.0085	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Dichloroethene[cis/trans-1,2-]	0.0085	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Dichloropropane[1,2-]	0.0085	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Trimethylbenzene[1,3,5-]	0.0085	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Dichlorobenzene[1,3-]	0.0085	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Dichloropropane[1,3-]	0.0085	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Dichlorobenzene[1,4-]	0.0085	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Dichloropropane[2,2-]	0.0085	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Butanone[2-]	0.034	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Chlorotoluene[2-]	0.0085	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Hexanone[2-]	0.034	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Chlorotoluene[4-]	0.0085	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Isopropyltoluene[4-]	0.0085	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Methyl-2-pentanone[4-]	0.034	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Acetone	0.034	mg/kg	UJ
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Benzene	0.0085	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Bromobenzene	0.0085	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Bromochloromethane	0.0085	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Bromodichloromethane	0.0085	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Bromoform	0.0085	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Bromomethane	0.017	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Carbon disulfide	0.0085	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Carbon tetrachloride	0.0085	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Chlorobenzene	0.0085	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Chlorodibromomethane	0.0085	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Chloroethane	0.017	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Chloroform	0.0085	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Chloromethane	0.017	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Dichloropropene[cis-1,3-]	0.0085	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Dibromomethane	0.0085	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Dichlorodifluoromethane	0.017	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Ethylbenzene	0.0085	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Iodomethane	0.0085	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Isopropylbenzene	0.0085	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Methylene chloride	0.0085	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Butylbenzene[n-]	0.0085	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Propylbenzene[1-]	0.0085	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Butylbenzene[sec-]	0.0085	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Styrene	0.0085	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Butylbenzene[tert-]	0.0085	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Tetrachloroethene	0.0085	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Toluene	0.0085	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Dichloropropene[trans-1,3-]	0.0085	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Trichloroethene	0.0085	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Trichlorofluoromethane	0.017	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0085	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Vinyl chloride	0.017	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Xylene (total)	0.0085	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Trichlorobenzene[1,2,4-]	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Dichlorobenzene[1,2-]	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Dichlorobenzene[1,3-]	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Dichlorobenzene[1,4-]	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Trichlorophenol[2,4,5-]	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Trichlorophenol[2,4,6-]	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Dichlorophenol[2,4-]	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Dimethylphenol[2,4-]	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Dinitrophenol[2,4-]	1.7	mg/kg	UJ
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Dinitrotoluene[2,4-]	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Dinitrotoluene[2,6-]	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Chloronaphthalene[2-]	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Chlorophenol[2-]	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Methylnaphthalene[2-]	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Methylphenol[2-]	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Nitroaniline[2-]	1.7	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Nitrophenol[2-]	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Dichlorobenzidine[3,3'-]	1.7	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Nitroaniline[3-]	1.7	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Bromophenyl-phenylether[4-]	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Chloro-3-methylphenol[4-]	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Chloroaniline[4-]	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Chlorophenyl-phenyl[4-] ether	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Methylphenol[4-]	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Nitroaniline[4-]	1.7	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Nitrophenol[4-]	1.7	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Acenaphthene	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Acenaphthylene	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Aniline	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Anthracene	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Azobenzene	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Benzo(a)anthracene	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Benzo(a)pyrene	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Benzo(b)fluoranthene	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Benzo(g,h,i)perylene	0.35	mg/kg	UJ
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Benzo(k)fluoranthene	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Benzoic acid	1.7	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Benzyl alcohol	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Bis(2-chloroethoxy)methane	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Bis(2-chloroethyl)ether	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Bis(2-ethylhexyl)phthalate	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Butylbenzylphthalate	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Chrysene	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Di-n-butylphthalate	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Di-n-octylphthalate	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Dibenz(a,h)anthracene	0.35	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Dibenzofuran	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Diethylphthalate	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Dimethyl phthalate	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Fluoranthene	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Fluorene	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Hexachlorobenzene	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Hexachlorobutadiene	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Hexachlorocyclopentadiene	1.7	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Hexachloroethane	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	UJ
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Isophorone	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Nitrosodimethylamine[N-]	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Nitrosodiphenylamine[N-]	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Naphthalene	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Nitrobenzene	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Pentachlorophenol	1.7	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Phenanthrene	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Phenol	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Pyrene	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Aluminum	381	mg/kg	J+
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Arsenic	0.28	mg/kg	J
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Barium	4.4	mg/kg	J
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Beryllium	0.2	mg/kg	J
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Calcium	317	mg/kg	J
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Chromium	48.6	mg/kg	None
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Cobalt	0.6	mg/kg	J
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Copper	0.97	mg/kg	J
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Iron	3320	mg/kg	None
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Lead	2	mg/kg	None
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Magnesium	163	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Manganese	174	mg/kg	J-
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Nickel	23.3	mg/kg	None
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Potassium	244	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Selenium	0.21	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Silver	0.47	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Sodium	193	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Thallium	0.082	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Vanadium	3.6	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Zinc	16.4	mg/kg	None
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Mercury	0.018	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Plutonium-239	0.00172	pCi/g	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Americium-241	0.0119	pCi/g	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Plutonium-238	0.00517	pCi/g	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Benzyl alcohol	0.349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Bis(2-chloroethoxy)methane	0.349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Dimethyl phthalate	0.349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Butylbenzylphthalate	0.349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Trichlorophenol[2,4,5-]	0.349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Dichloroethene[trans-1,2-]	0.0012	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Trichlorotrifluoroethane	0.0062	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Chloroform	0.0012	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Dichloroethane[1,1-]	0.0012	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Dichlorodifluoromethane	0.0012	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Trichloroethane[1,1,2-]	0.0012	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Dibromo-3-chloropropane[1,2-]	0.0012	mg/kg	UJ
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Dichlorobenzene[1,4-]	0.349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Pyrene	0.0349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Chlorophenyl-phenyl[4-] ether	0.349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Hexachlorocyclopentadiene	0.349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Isophorone	0.349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Carbon tetrachloride	0.0012	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Dichloropropene[1,1-]	0.0012	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Iodomethane	0.0062	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Isopropyltoluene[4-]	0.0012	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Methylphenol[4-]	0.349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Phenol	0.349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Dichlorophenol[2,4-]	0.349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Indeno(1,2,3-cd)pyrene	0.0349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Acenaphthylene	0.0349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Hexachloroethane	0.349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Chloronaphthalene[2-]	0.0349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Dichlorobenzene[1,4-]	0.0012	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Toluene	0.00044	mg/kg	J
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Oxybis(1-chloropropane)[2,2'-]	0.349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Benzo(a)anthracene	0.0349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Nitrosodimethylamine[N-]	0.349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Nitroaniline[2-]	0.349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Propylbenzene[1-]	0.0012	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Chlorobenzene	0.0012	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Tetrachloroethane[1,1,1,2-]	0.0012	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Dichlorobenzene[1,3-]	0.349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Methylphenol[2-]	0.349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Trimethylbenzene[1,3,5-]	0.0012	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Bromomethane	0.0012	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Trichloroethene	0.0012	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Diphenylamine	0.349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Dinitrophenol[2,4-]	0.698	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Methylnaphthalene[2-]	0.0349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Dichloroethene[cis-1,2-]	0.0012	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Chloromethane	0.0012	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Xylene[1,2-]	0.0012	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Azobenzene	0.0349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Bis(2-chloroethyl)ether	0.349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Chloro-3-methylphenol[4-]	0.349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Benzoic acid	0.698	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Acenaphthene	0.0349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Hexachlorobutadiene	0.349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Tetrachloroethene	0.0012	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Hexanone[2-]	0.0062	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Bromoform	0.0012	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Trichlorofluoromethane	0.0012	mg/kg	UJ

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Anthracene	0.0349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Trichlorobenzene[1,2,4-]	0.349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Dibenz(a,h)anthracene	0.0349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Nitroso-di-n-propylamine[N-]	0.349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Pentachlorophenol	0.349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Dichlorobenzidine[3,3'-]	0.349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Chlorophenol[2-]	0.349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Chlorotoluene[4-]	0.0012	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Benzene	0.0012	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Dibromomethane	0.0012	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Vinyl chloride	0.0012	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Carbon disulfide	0.0062	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Bromodichloromethane	0.0012	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Trimethylbenzene[1,2,4-]	0.0012	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Hexachlorobenzene	0.349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Trichloroethane[1,1,1-]	0.0012	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Chloroethane	0.0012	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Methylene chloride	0.0062	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Dimethylphenol[2,4-]	0.349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Pyridine	0.349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Bis(2-ethylhexyl)phthalate	0.0112	mg/kg	J
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Dinitrotoluene[2,4-]	0.349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Benzo(a)pyrene	0.0349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Di-n-butylphthalate	0.349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Fluorene	0.0349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Dichloropropene[cis-1,3-]	0.0012	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Isopropylbenzene	0.0012	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Nitrophenol[4-]	0.349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Benzo(g,h,i)perylene	0.0349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Fluoranthene	0.0043	mg/kg	J
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Dinitro-2-methylphenol[4,6-]	0.349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Aniline	0.349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Trichlorophenol[2,4,6-]	0.349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Dichloropropane[2,2-]	0.0012	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Bromochloromethane	0.0012	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Dichloroethene[1,1-]	0.0012	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Phenanthrene	0.0349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Styrene	0.0012	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Butylbenzene[sec-]	0.0012	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Dichloropropane[1,2-]	0.0012	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Chloroaniline[4-]	0.349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Di-n-octylphthalate	0.349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Dibenzofuran	0.349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Diethylphthalate	0.349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Nitrophenol[2-]	0.349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Naphthalene	0.0349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Dichloropropene[trans-1,3-]	0.0012	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Dichlorobenzene[1,3-]	0.0012	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Butanone[2-]	0.0062	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Nitroaniline[4-]	0.349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Chrysene	0.0349	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Dichlorobenzene[1,2-]	0.349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Nitrobenzene	0.349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Nitroaniline[3-]	0.349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Bromobenzene	0.0012	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Trichloropropane[1,2,3-]	0.0012	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Benzo(b)fluoranthene	0.0349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Dinitrotoluene[2,6-]	0.349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Butylbenzene[n-]	0.0012	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Dichloroethane[1,2-]	0.0012	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Dichloropropane[1,3-]	0.0012	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Butylbenzene[tert-]	0.0012	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Bromophenyl-phenylether[4-]	0.349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Benzo(k)fluoranthene	0.0349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Ethylbenzene	0.0012	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Dibromoethane[1,2-]	0.0012	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Methyl-2-pentanone[4-]	0.0062	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Chlorodibromomethane	0.0012	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Acetone	0.0083	mg/kg	None
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Tetrachloroethane[1,1,2,2-]	0.0012	mg/kg	UJ
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Chlorotoluene[2-]	0.0012	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Dichlorobenzene[1,2-]	0.00056	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Xylene[1,3-]+Xylene[1,4-]	0.0025	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	BHC[beta-]	0.0007	mg/kg	UJ
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Chlordane[alpha-]	0.0007	mg/kg	UJ
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Methoxychlor[4,4'-]	0.007	mg/kg	UJ
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Toxaphene (technical grade)	0.0349	mg/kg	UJ
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Aroclor-1232	0.007	mg/kg	UJ
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Strontium-90	0.0366	pCi/g	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Endrin ketone	0.0014	mg/kg	UJ
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Aroclor-1248	0.007	mg/kg	UJ
21-11200	MD21-01-0522	17.0–18.0	Qbt3	DDT[4,4'-]	0.0014	mg/kg	UJ
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Gross alpha/beta	15.6	pCi/g	None
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Endosulfan II	0.0014	mg/kg	UJ
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Aroclor-1242	0.007	mg/kg	UJ
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Uranium-234	0.816	pCi/g	None
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Aroclor-1254	0.007	mg/kg	UJ
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Chlordane[gamma-]	0.0007	mg/kg	UJ
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Endosulfan I	0.0007	mg/kg	UJ
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Heptachlor	0.0007	mg/kg	UJ
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Uranium-235	0.0617	pCi/g	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Endosulfan sulfate	0.0014	mg/kg	UJ
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Aldrin	0.0007	mg/kg	UJ
21-11200	MD21-01-0522	17.0–18.0	Qbt3	DDE[4,4'-]	0.0014	mg/kg	UJ
21-11200	MD21-01-0522	17.0–18.0	Qbt3	BHC[alpha-]	0.0007	mg/kg	UJ
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Endrin	0.0014	mg/kg	UJ
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Endrin aldehyde	0.0014	mg/kg	UJ
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Aroclor-1221	0.007	mg/kg	UJ
21-11200	MD21-01-0522	17.0–18.0	Qbt3	BHC[gamma-]	0.0007	mg/kg	UJ
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Tritium	154.6032	pCi/g	None
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Uranium-238	0.71	pCi/g	None
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Dieldrin	0.0014	mg/kg	UJ

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Aroclor-1260	0.007	mg/kg	UJ
21-11200	MD21-01-0522	17.0–18.0	Qbt3	DDD[4,4'-]	0.0014	mg/kg	UJ
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Aroclor-1016	0.007	mg/kg	UJ
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Heptachlor epoxide	0.0007	mg/kg	UJ
21-11200	MD21-01-0522	17.0–18.0	Qbt3	BHC[delta-]	0.0007	mg/kg	UJ
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Gross beta	42.3	pCi/g	None
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Thorium-232	1.27	pCi/g	None
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Thorium-228	1.8	pCi/g	None
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Thorium-230	0.947	pCi/g	None
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Aluminum	2.02	mg/kg	None
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Arsenic	0.00197	mg/kg	None
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Barium	0.0169	mg/kg	None
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Calcium	1.06	mg/kg	None
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Cadmium	0.48	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Cobalt	0.00037	mg/kg	J
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Chromium	0.00427	mg/kg	None
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Copper	0.00128	mg/kg	None
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Iron	3.92	mg/kg	None
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Potassium	0.376	mg/kg	None
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Magnesium	0.386	mg/kg	None
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Manganese	0.177	mg/kg	None
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Sodium	0.173	mg/kg	None
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Lead	0.00288	mg/kg	None
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Selenium	0.000635	mg/kg	None
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Vanadium	0.00255	mg/kg	None
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Zinc	0.0159	mg/kg	None
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Mercury	0.0002	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Silver	0.000017	mg/kg	J
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Beryllium	0.000194	mg/kg	None
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Nickel	0.00111	mg/kg	None
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Antimony	0.000027	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Thallium	0.0005	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Cobalt-60	0.0118	pCi/g	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Cesium-134	-0.00049	pCi/g	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Cesium-137	-0.00274	pCi/g	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Europium-152	-0.098	pCi/g	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Sodium-22	0.0376	pCi/g	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Ruthenium-106	0.123	pCi/g	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Plutonium-238	0.09	pCi/g	None
21-11200	MD21-01-0523	12.0–15.0	FILL	Plutonium-239	0.00881	pCi/g	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Americium-241	0.0139	pCi/g	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Trichlorobenzene[1,2,4-]	0.377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Benzo(b)fluoranthene	0.0377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Di-n-octylphthalate	0.377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Dinitrotoluene[2,6-]	0.377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Di-n-butylphthalate	0.377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Tetrachloroethane[1,1,1,2-]	0.0013	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Dibromomethane	0.0013	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Bromochloromethane	0.0013	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Methylene chloride	0.0064	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Dichlorodifluoromethane	0.0013	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11200	MD21-01-0523	12.0–15.0	FILL	Chlorotoluene[2-]	0.0013	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Chloroaniline[4-]	0.377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Phenol	0.377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Dichlorophenol[2,4-]	0.377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Chlorodibromomethane	0.0013	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Dichloroethene[trans-1,2-]	0.0013	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Bromomethane	0.0013	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Vinyl chloride	0.0013	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Butanone[2-]	0.0064	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Xylene[1,2-]	0.0013	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Benzo(a)anthracene	0.0377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Isophorone	0.377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Ethylbenzene	0.0013	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Propylbenzene[1-]	0.0013	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Chloroethane	0.0013	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Trimethylbenzene[1,2,4-]	0.0013	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Bromophenyl-phenylether[4-]	0.377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Dichlorobenzene[1,4-]	0.377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Diphenylamine	0.377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Benzo(k)fluoranthene	0.0377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Dinitrophenol[2,4-]	0.754	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Chloro-3-methylphenol[4-]	0.377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Hexachloroethane	0.377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Bis(2-chloroethoxy)methane	0.377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Anthracene	0.0377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Dinitro-2-methylphenol[4,6-]	0.377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Pentachlorophenol	0.377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Nitroaniline[2-]	0.377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Chloronaphthalene[2-]	0.0377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Butylbenzene[n-]	0.0013	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Methyl-2-pentanone[4-]	0.0064	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Dichloropropane[1,3-]	0.0013	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Carbon tetrachloride	0.0013	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Trichloroethane[1,1,1-]	0.0013	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Benzoic acid	0.754	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Trichloroethene	0.0013	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Azobenzene	0.0377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Indeno(1,2,3-cd)pyrene	0.0377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Dichlorobenzene[1,3-]	0.377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Aniline	0.377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Nitrosodimethylamine[N-]	0.377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Nitrobenzene	0.377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Benzyl alcohol	0.377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Oxybis(1-chloropropane)[2,2'-]	0.377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Bis(2-ethylhexyl)phthalate	0.377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Benzo(g,h,i)perylene	0.0377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Acenaphthene	0.0377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Trichlorophenol[2,4,6-]	0.377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Toluene	0.00038	mg/kg	J
21-11200	MD21-01-0523	12.0–15.0	FILL	Iodomethane	0.0064	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Bromodichloromethane	0.0013	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11200	MD21-01-0523	12.0–15.0	FILL	Isopropylbenzene	0.0013	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Chlorophenyl-phenyl[4-] ether	0.377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Dichlorobenzene[1,2-]	0.377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Dichloropropene[cis-1,3-]	0.0013	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Dichloropropene[trans-1,3-]	0.0013	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Dichloroethene[cis-1,2-]	0.0013	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Chloromethane	0.0013	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Dichloropropane[1,2-]	0.0013	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Pyridine	0.377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Acenaphthylene	0.0377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Butylbenzylphthalate	0.377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Chlorophenol[2-]	0.377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Trimethylbenzene[1,3,5-]	0.0013	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Dichloropropane[2,2-]	0.0013	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Methylphenol[4-]	0.377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Dibenzofuran	0.377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Dibenz(a,h)anthracene	0.0377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Methylnaphthalene[2-]	0.0377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Methylphenol[2-]	0.377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Butylbenzene[sec-]	0.0013	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Trichloroethane[1,1,2-]	0.0013	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Nitroaniline[4-]	0.377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Bis(2-chloroethyl)ether	0.377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Dimethyl phthalate	0.377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Chrysene	0.0377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Hexachlorocyclopentadiene	0.377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Dichlorobenzene[1,4-]	0.0013	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Chlorobenzene	0.0013	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Dichlorobenzene[1,3-]	0.0013	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Tetrachloroethane[1,1,2,2-]	0.0013	mg/kg	UJ
21-11200	MD21-01-0523	12.0–15.0	FILL	Nitrophenol[4-]	0.377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Hexachlorobenzene	0.377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Dinitrotoluene[2,4-]	0.377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Pyrene	0.0377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Fluoranthene	0.0377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Nitroso-di-n-propylamine[N-]	0.377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Phenanthrene	0.0377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Fluorene	0.0377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Trichlorophenol[2,4,5-]	0.377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Styrene	0.0013	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Dimethylphenol[2,4-]	0.377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Benzo(a)pyrene	0.0377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Diethylphthalate	0.377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Hexachlorobutadiene	0.377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Nitrophenol[2-]	0.377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Naphthalene	0.0377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Dichlorobenzidine[3,3'-]	0.377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Nitroaniline[3-]	0.377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Chlorotoluene[4-]	0.0013	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Carbon disulfide	0.0064	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Chloroform	0.0013	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11200	MD21-01-0523	12.0–15.0	FILL	Dichloroethane[1,1-]	0.0013	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Dibromo-3-chloropropane[1,2-]	0.0013	mg/kg	UJ
21-11200	MD21-01-0523	12.0–15.0	FILL	Dibromoethane[1,2-]	0.0013	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Dichloroethane[1,2-]	0.0013	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Tetrachloroethene	0.0013	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Bromoform	0.0013	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Dichlorobenzene[1,2-]	0.00054	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Trichloropropane[1,2,3-]	0.0013	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Trichlorotrifluoroethane	0.0064	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Dichloropropene[1,1-]	0.0013	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Hexanone[2-]	0.0064	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Isopropyltoluene[4-]	0.0013	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Bromobenzene	0.0013	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Acetone	0.0079	mg/kg	None
21-11200	MD21-01-0523	12.0–15.0	FILL	Benzene	0.0013	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Dichloroethene[1,1-]	0.0013	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Trichlorofluoromethane	0.0013	mg/kg	UJ
21-11200	MD21-01-0523	12.0–15.0	FILL	Butylbenzene[tert-]	0.0013	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Xylene[1,3-]+Xylene[1,4-]	0.0026	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Chlordane[gamma-]	0.00075	mg/kg	UJ
21-11200	MD21-01-0523	12.0–15.0	FILL	Endosulfan I	0.00075	mg/kg	UJ
21-11200	MD21-01-0523	12.0–15.0	FILL	Aroclor-1254	0.0075	mg/kg	UJ
21-11200	MD21-01-0523	12.0–15.0	FILL	Aroclor-1221	0.0075	mg/kg	UJ
21-11200	MD21-01-0523	12.0–15.0	FILL	Aroclor-1232	0.0075	mg/kg	UJ
21-11200	MD21-01-0523	12.0–15.0	FILL	Uranium-238	0.948	pCi/g	None
21-11200	MD21-01-0523	12.0–15.0	FILL	Uranium-234	1.04	pCi/g	None
21-11200	MD21-01-0523	12.0–15.0	FILL	Strontium-90	0.0547	pCi/g	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Endosulfan sulfate	0.0015	mg/kg	UJ
21-11200	MD21-01-0523	12.0–15.0	FILL	Toxaphene (technical grade)	0.0377	mg/kg	UJ
21-11200	MD21-01-0523	12.0–15.0	FILL	DDD[4,4'-]	0.0015	mg/kg	UJ
21-11200	MD21-01-0523	12.0–15.0	FILL	Aldrin	0.00075	mg/kg	UJ
21-11200	MD21-01-0523	12.0–15.0	FILL	BHC[delta-]	0.00075	mg/kg	UJ
21-11200	MD21-01-0523	12.0–15.0	FILL	Chlordane[alpha-]	0.00075	mg/kg	UJ
21-11200	MD21-01-0523	12.0–15.0	FILL	BHC[alpha-]	0.00075	mg/kg	UJ
21-11200	MD21-01-0523	12.0–15.0	FILL	DDE[4,4'-]	0.0015	mg/kg	UJ
21-11200	MD21-01-0523	12.0–15.0	FILL	Endrin ketone	0.0015	mg/kg	UJ
21-11200	MD21-01-0523	12.0–15.0	FILL	DDT[4,4'-]	0.0015	mg/kg	UJ
21-11200	MD21-01-0523	12.0–15.0	FILL	Methoxychlor[4,4'-]	0.0075	mg/kg	UJ
21-11200	MD21-01-0523	12.0–15.0	FILL	Gross beta	38.4	pCi/g	None
21-11200	MD21-01-0523	12.0–15.0	FILL	Gross alpha/beta	21.8	pCi/g	None
21-11200	MD21-01-0523	12.0–15.0	FILL	Endosulfan II	0.0015	mg/kg	UJ
21-11200	MD21-01-0523	12.0–15.0	FILL	BHC[gamma-]	0.00075	mg/kg	UJ
21-11200	MD21-01-0523	12.0–15.0	FILL	Dieldrin	0.0015	mg/kg	UJ
21-11200	MD21-01-0523	12.0–15.0	FILL	Endrin	0.0015	mg/kg	UJ
21-11200	MD21-01-0523	12.0–15.0	FILL	Aroclor-1016	0.0075	mg/kg	UJ
21-11200	MD21-01-0523	12.0–15.0	FILL	Aroclor-1242	0.0075	mg/kg	UJ
21-11200	MD21-01-0523	12.0–15.0	FILL	BHC[beta-]	0.00075	mg/kg	UJ
21-11200	MD21-01-0523	12.0–15.0	FILL	Heptachlor	0.00075	mg/kg	UJ
21-11200	MD21-01-0523	12.0–15.0	FILL	Aroclor-1248	0.0075	mg/kg	UJ
21-11200	MD21-01-0523	12.0–15.0	FILL	Heptachlor epoxide	0.00075	mg/kg	UJ
21-11200	MD21-01-0523	12.0–15.0	FILL	Endrin aldehyde	0.0015	mg/kg	UJ

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11200	MD21-01-0523	12.0–15.0	FILL	Aroclor-1260	0.0075	mg/kg	UJ
21-11200	MD21-01-0523	12.0–15.0	FILL	Tritium	5.553859	pCi/g	None
21-11200	MD21-01-0523	12.0–15.0	FILL	Uranium-235	0.0713	pCi/g	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Thorium-230	1.46	pCi/g	None
21-11200	MD21-01-0523	12.0–15.0	FILL	Thorium-228	2.14	pCi/g	None
21-11200	MD21-01-0523	12.0–15.0	FILL	Thorium-232	1.95	pCi/g	None
21-11200	MD21-01-0523	12.0–15.0	FILL	Aluminum	10.9	mg/kg	None
21-11200	MD21-01-0523	12.0–15.0	FILL	Arsenic	0.00233	mg/kg	None
21-11200	MD21-01-0523	12.0–15.0	FILL	Barium	0.0827	mg/kg	None
21-11200	MD21-01-0523	12.0–15.0	FILL	Calcium	1.98	mg/kg	None
21-11200	MD21-01-0523	12.0–15.0	FILL	Cadmium	0.000052	mg/kg	J
21-11200	MD21-01-0523	12.0–15.0	FILL	Cobalt	0.00186	mg/kg	None
21-11200	MD21-01-0523	12.0–15.0	FILL	Chromium	0.00802	mg/kg	None
21-11200	MD21-01-0523	12.0–15.0	FILL	Copper	0.00476	mg/kg	None
21-11200	MD21-01-0523	12.0–15.0	FILL	Iron	8.910001	mg/kg	None
21-11200	MD21-01-0523	12.0–15.0	FILL	Potassium	1.86	mg/kg	None
21-11200	MD21-01-0523	12.0–15.0	FILL	Magnesium	2.51	mg/kg	None
21-11200	MD21-01-0523	12.0–15.0	FILL	Manganese	0.185	mg/kg	None
21-11200	MD21-01-0523	12.0–15.0	FILL	Sodium	0.88	mg/kg	None
21-11200	MD21-01-0523	12.0–15.0	FILL	Lead	0.00899	mg/kg	None
21-11200	MD21-01-0523	12.0–15.0	FILL	Selenium	0.000451	mg/kg	J
21-11200	MD21-01-0523	12.0–15.0	FILL	Vanadium	0.0104	mg/kg	None
21-11200	MD21-01-0523	12.0–15.0	FILL	Zinc	0.0247	mg/kg	None
21-11200	MD21-01-0523	12.0–15.0	FILL	Mercury	7E-06	mg/kg	J
21-11200	MD21-01-0523	12.0–15.0	FILL	Silver	0.000038	mg/kg	J
21-11200	MD21-01-0523	12.0–15.0	FILL	Beryllium	0.000598	mg/kg	None
21-11200	MD21-01-0523	12.0–15.0	FILL	Nickel	0.00551	mg/kg	None
21-11200	MD21-01-0523	12.0–15.0	FILL	Antimony	0.002	mg/kg	UJ
21-11200	MD21-01-0523	12.0–15.0	FILL	Thallium	0.000099	mg/kg	J
21-11200	MD21-01-0523	12.0–15.0	FILL	Cobalt-60	-0.00202	pCi/g	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Cesium-134	0.00811	pCi/g	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Cesium-137	-0.0198	pCi/g	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Europium-152	-0.0944	pCi/g	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Sodium-22	-0.032	pCi/g	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Ruthenium-106	0.0819	pCi/g	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Americium-241	0.00627	pCi/g	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Plutonium-238	-0.00215	pCi/g	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Plutonium-239	-0.00646	pCi/g	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Nitroaniline[4-]	0.375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Chloroaniline[4-]	0.375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Bis(2-chloroethoxy)methane	0.375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Di-n-octylphthalate	0.375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Trichlorobenzene[1,2,4-]	0.375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Trichlorophenol[2,4,6-]	0.375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Methylphenol[2-]	0.375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Nitroaniline[3-]	0.375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Phenol	0.375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Indeno(1,2,3-cd)pyrene	0.0375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Butylbenzene[n-]	0.0015	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Trichloroethane[1,1,1-]	0.0015	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Trichlorofluoromethane	0.0015	mg/kg	UJ

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11200	MD21-01-0524	12.0–15.0	FILL	Dichlorobenzene[1,4-]	0.375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Benzo(a)pyrene	0.0375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Dinitro-2-methylphenol[4,6-]	0.375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Aniline	0.375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Hexachloroethane	0.375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Di-n-butylphthalate	0.375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Naphthalene	0.0375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Bromomethane	0.0015	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Dimethylphenol[2,4-]	0.375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Benzo(g,h,i)perylene	0.0375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Dichloropropene[cis-1,3-]	0.0015	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Dichloroethene[trans-1,2-]	0.0015	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Carbon tetrachloride	0.0015	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Vinyl chloride	0.0015	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Benzo(b)fluoranthene	0.0375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Acenaphthylene	0.0375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Acenaphthene	0.0375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Nitroaniline[2-]	0.375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Dichlorobenzene[1,2-]	0.375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Dinitrotoluene[2,4-]	0.375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Benzo(k)fluoranthene	0.0375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Dibenz(a,h)anthracene	0.0375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Chloronaphthalene[2-]	0.0375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Ethylbenzene	0.0015	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Dibromoethane[1,2-]	0.0015	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Dichloroethane[1,2-]	0.0015	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Hexanone[2-]	0.0074	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Chloromethane	0.0015	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Benzyl alcohol	0.375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Hexachlorobenzene	0.375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Dinitrophenol[2,4-]	0.75	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Dinitrotoluene[2,6-]	0.375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Nitroso-di-n-propylamine[N-]	0.375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Isophorone	0.375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Methylnaphthalene[2-]	0.0375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Nitrobenzene	0.375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Tetrachloroethene	0.0015	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Chloroform	0.0015	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Bromophenyl-phenylether[4-]	0.375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Oxybis(1-chloropropane)[2,2'-]	0.375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Pyridine	0.375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Anthracene	0.0375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Fluorene	0.0375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Nitrophenol[4-]	0.375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Bis(2-chloroethyl)ether	0.375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Diphenylamine	0.375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Nitrosodimethylamine[N-]	0.375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Phenanthrene	0.0375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Hexachlorobutadiene	0.375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Toluene	0.0015	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Dibromomethane	0.0015	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11200	MD21-01-0524	12.0–15.0	FILL	Benzoic acid	0.75	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Nitrophenol[2-]	0.375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Benzo(a)anthracene	0.0375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Trichlorotrifluoroethane	0.0074	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Benzene	0.0015	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Iodomethane	0.0074	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Bromochloromethane	0.0015	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Bromoform	0.0015	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Dichloroethane[1,1-]	0.0015	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Dichloroethene[1,1-]	0.0015	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Chrysene	0.0375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Dichlorobenzene[1,3-]	0.375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Chloro-3-methylphenol[4-]	0.375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Chlorophenyl-phenyl[4-] ether	0.375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Hexachlorocyclopentadiene	0.375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Chlorophenol[2-]	0.375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Butanone[2-]	0.0074	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Trichloroethene	0.0015	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Xylene[1,2-]	0.0015	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Isopropyltoluene[4-]	0.0015	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Azobenzene	0.0375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Methylphenol[4-]	0.375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Bis(2-ethylhexyl)phthalate	0.0865	mg/kg	J
21-11200	MD21-01-0524	12.0–15.0	FILL	Butylbenzylphthalate	0.375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Dichlorobenzene[1,4-]	0.0015	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Chloroethane	0.0015	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Dichloropropane[1,2-]	0.0015	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Tetrachloroethane[1,1,2,2-]	0.0015	mg/kg	UJ
21-11200	MD21-01-0524	12.0–15.0	FILL	Chlorotoluene[2-]	0.0015	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Pyrene	0.0375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Dimethyl phthalate	0.375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Fluoranthene	0.0375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Trimethylbenzene[1,2,4-]	0.0015	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Trichloropropane[1,2,3-]	0.0015	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Dichlorophenol[2,4-]	0.375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Dibenzofuran	0.375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Diethylphthalate	0.375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Pentachlorophenol	0.375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Dichlorobenzidine[3,3'-]	0.375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Trichlorophenol[2,4,5-]	0.375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Chlorotoluene[4-]	0.0015	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Methyl-2-pentanone[4-]	0.0074	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Trimethylbenzene[1,3,5-]	0.0015	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Dichloropropane[2,2-]	0.0015	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Methylene chloride	0.00085	mg/kg	J
21-11200	MD21-01-0524	12.0–15.0	FILL	Bromodichloromethane	0.0015	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Butylbenzene[sec-]	0.0015	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Dichloroethene[cis-1,2-]	0.0015	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Dichloropropene[1,1-]	0.0015	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Tetrachloroethane[1,1,1,2-]	0.0015	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Carbon disulfide	0.0074	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11200	MD21-01-0524	12.0–15.0	FILL	Dichloropropene[trans-1,3-]	0.0015	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Bromobenzene	0.0015	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Dichloropropane[1,3-]	0.0015	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Acetone	0.0109	mg/kg	None
21-11200	MD21-01-0524	12.0–15.0	FILL	Styrene	0.0015	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Propylbenzene[1-]	0.0015	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Chlorodibromomethane	0.0015	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Dichlorobenzene[1,3-]	0.0015	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Chlorobenzene	0.0015	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Dichlorodifluoromethane	0.0015	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Butylbenzene[tert-]	0.0015	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Dibromo-3-chloropropane[1,2-]	0.0015	mg/kg	UJ
21-11200	MD21-01-0524	12.0–15.0	FILL	Isopropylbenzene	0.0015	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Xylene[1,3-]+Xylene[1,4-]	0.003	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Chlordane[alpha-]	0.00075	mg/kg	UJ
21-11200	MD21-01-0524	12.0–15.0	FILL	Chlordane[gamma-]	0.00075	mg/kg	UJ
21-11200	MD21-01-0524	12.0–15.0	FILL	Endrin aldehyde	0.0015	mg/kg	UJ
21-11200	MD21-01-0524	12.0–15.0	FILL	BHC[alpha-]	0.00075	mg/kg	UJ
21-11200	MD21-01-0524	12.0–15.0	FILL	Endrin ketone	0.0015	mg/kg	UJ
21-11200	MD21-01-0524	12.0–15.0	FILL	Aldrin	0.00075	mg/kg	UJ
21-11200	MD21-01-0524	12.0–15.0	FILL	Dieldrin	0.0015	mg/kg	UJ
21-11200	MD21-01-0524	12.0–15.0	FILL	Aroclor-1016	0.0075	mg/kg	UJ
21-11200	MD21-01-0524	12.0–15.0	FILL	Gross alpha/beta	13.1	pCi/g	None
21-11200	MD21-01-0524	12.0–15.0	FILL	Tritium	5.572391	pCi/g	None
21-11200	MD21-01-0524	12.0–15.0	FILL	Strontium-90	-0.041	pCi/g	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Endosulfan sulfate	0.0015	mg/kg	UJ
21-11200	MD21-01-0524	12.0–15.0	FILL	BHC[delta-]	0.00075	mg/kg	UJ
21-11200	MD21-01-0524	12.0–15.0	FILL	BHC[gamma-]	0.00075	mg/kg	UJ
21-11200	MD21-01-0524	12.0–15.0	FILL	Aroclor-1242	0.0075	mg/kg	UJ
21-11200	MD21-01-0524	12.0–15.0	FILL	Uranium-238	0.873	pCi/g	None
21-11200	MD21-01-0524	12.0–15.0	FILL	Heptachlor epoxide	0.00075	mg/kg	UJ
21-11200	MD21-01-0524	12.0–15.0	FILL	DDD[4,4'-]	0.0015	mg/kg	UJ
21-11200	MD21-01-0524	12.0–15.0	FILL	Aroclor-1254	0.0075	mg/kg	UJ
21-11200	MD21-01-0524	12.0–15.0	FILL	DDT[4,4'-]	0.0015	mg/kg	UJ
21-11200	MD21-01-0524	12.0–15.0	FILL	Toxaphene (technical grade)	0.0375	mg/kg	UJ
21-11200	MD21-01-0524	12.0–15.0	FILL	Aroclor-1248	0.0075	mg/kg	UJ
21-11200	MD21-01-0524	12.0–15.0	FILL	Methoxychlor[4,4'-]	0.0075	mg/kg	UJ
21-11200	MD21-01-0524	12.0–15.0	FILL	Aroclor-1260	0.0075	mg/kg	UJ
21-11200	MD21-01-0524	12.0–15.0	FILL	Gross beta	30.7	pCi/g	None
21-11200	MD21-01-0524	12.0–15.0	FILL	Endosulfan II	0.0015	mg/kg	UJ
21-11200	MD21-01-0524	12.0–15.0	FILL	Heptachlor	0.00075	mg/kg	UJ
21-11200	MD21-01-0524	12.0–15.0	FILL	Aroclor-1221	0.0075	mg/kg	UJ
21-11200	MD21-01-0524	12.0–15.0	FILL	DDE[4,4'-]	0.0015	mg/kg	UJ
21-11200	MD21-01-0524	12.0–15.0	FILL	Uranium-235	0.0935	pCi/g	None
21-11200	MD21-01-0524	12.0–15.0	FILL	Endosulfan I	0.00075	mg/kg	UJ
21-11200	MD21-01-0524	12.0–15.0	FILL	Uranium-234	1.01	pCi/g	None
21-11200	MD21-01-0524	12.0–15.0	FILL	BHC[beta-]	0.00075	mg/kg	UJ
21-11200	MD21-01-0524	12.0–15.0	FILL	Endrin	0.0015	mg/kg	UJ
21-11200	MD21-01-0524	12.0–15.0	FILL	Aroclor-1232	0.0075	mg/kg	UJ
21-11200	MD21-01-0524	12.0–15.0	FILL	Trichloroethane[1,1,2-]	0.0015	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Dichlorobenzene[1,2-]	0.00055	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11200	MD21-01-0524	12.0–15.0	FILL	Thorium-232	1.57	pCi/g	None
21-11200	MD21-01-0524	12.0–15.0	FILL	Thorium-228	1.89	pCi/g	None
21-11200	MD21-01-0524	12.0–15.0	FILL	Thorium-230	1.16	pCi/g	None
21-11200	MD21-01-0524	12.0–15.0	FILL	Aluminum	13.7	mg/kg	None
21-11200	MD21-01-0524	12.0–15.0	FILL	Arsenic	0.0025	mg/kg	None
21-11200	MD21-01-0524	12.0–15.0	FILL	Barium	0.0941	mg/kg	None
21-11200	MD21-01-0524	12.0–15.0	FILL	Calcium	2.16	mg/kg	None
21-11200	MD21-01-0524	12.0–15.0	FILL	Cadmium	0.005	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Cobalt	0.00218	mg/kg	None
21-11200	MD21-01-0524	12.0–15.0	FILL	Chromium	0.0103	mg/kg	None
21-11200	MD21-01-0524	12.0–15.0	FILL	Copper	0.00598	mg/kg	None
21-11200	MD21-01-0524	12.0–15.0	FILL	Iron	10.7	mg/kg	None
21-11200	MD21-01-0524	12.0–15.0	FILL	Potassium	2.32	mg/kg	None
21-11200	MD21-01-0524	12.0–15.0	FILL	Magnesium	3.05	mg/kg	None
21-11200	MD21-01-0524	12.0–15.0	FILL	Manganese	0.201	mg/kg	None
21-11200	MD21-01-0524	12.0–15.0	FILL	Sodium	1.07	mg/kg	None
21-11200	MD21-01-0524	12.0–15.0	FILL	Lead	0.0108	mg/kg	None
21-11200	MD21-01-0524	12.0–15.0	FILL	Selenium	0.005	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Vanadium	0.013	mg/kg	None
21-11200	MD21-01-0524	12.0–15.0	FILL	Zinc	0.0289	mg/kg	None
21-11200	MD21-01-0524	12.0–15.0	FILL	Mercury	0.000029	mg/kg	None
21-11200	MD21-01-0524	12.0–15.0	FILL	Silver	0.000025	mg/kg	J
21-11200	MD21-01-0524	12.0–15.0	FILL	Beryllium	0.000527	mg/kg	None
21-11200	MD21-01-0524	12.0–15.0	FILL	Nickel	0.0051	mg/kg	None
21-11200	MD21-01-0524	12.0–15.0	FILL	Antimony	0.45	mg/kg	UJ
21-11200	MD21-01-0524	12.0–15.0	FILL	Thallium	0.000088	mg/kg	J
21-11200	MD21-01-0524	12.0–15.0	FILL	Cobalt-60	0.026	pCi/g	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Cesium-134	0.0168	pCi/g	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Cesium-137	-0.00165	pCi/g	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Europium-152	0.0301	pCi/g	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Sodium-22	-0.0128	pCi/g	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Ruthenium-106	-0.143	pCi/g	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Dichloropropane[1,3-]	0.0015	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Trichlorotrifluoroethane	0.0076	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Dichlorobenzene[1,3-]	0.0015	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Carbon tetrachloride	0.0015	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Hexanone[2-]	0.0076	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Iodomethane	0.0076	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Bromochloromethane	0.0015	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Chloroethane	0.0015	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Trichloropropane[1,2,3-]	0.0015	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Trichlorofluoromethane	0.0015	mg/kg	UJ
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Americium-241	0.0198	pCi/g	None
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Dichloropropene[1,1-]	0.0015	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Dichloropropane[2,2-]	0.0015	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Carbon disulfide	0.0076	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Bromodichloromethane	0.0015	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Butanone[2-]	0.0076	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Trichloroethene	0.0015	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Dibromomethane	0.0015	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Trimethylbenzene[1,2,4-]	0.0015	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Isopropyltoluene[4-]	0.0015	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Dichloroethene[cis-1,2-]	0.0015	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Methylene chloride	0.0076	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Trichloroethane[1,1,2-]	0.0015	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Plutonium-238	0.00393	pCi/g	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Dichloroethene[trans-1,2-]	0.0015	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Chloroform	0.0015	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Dichloropropane[1,2-]	0.0015	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Trichloroethane[1,1,1-]	0.0015	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Xylene[1,2-]	0.0015	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Dichlorobenzene[1,2-]	0.00054	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Xylene[1,3-]+Xylene[1,4-]	0.003	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Tetrachloroethane[1,1,1,2-]	0.0015	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Acetone	0.0255	mg/kg	None
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Chloromethane	0.0015	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Vinyl chloride	0.0015	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Isopropylbenzene	0.0015	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Bromomethane	0.0015	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Dichloroethane[1,1-]	0.0015	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Tetrachloroethane[1,1,2,2-]	0.0015	mg/kg	UJ
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Dibromo-3-chloropropane[1,2-]	0.0015	mg/kg	UJ
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Dichloroethene[1,1-]	0.0015	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Butylbenzene[tert-]	0.0015	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Plutonium-239	-0.0138	pCi/g	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Benzene	0.00035	mg/kg	J
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Bromoform	0.0015	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Dichlorodifluoromethane	0.0015	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Chlorotoluene[2-]	0.0015	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Oxybis(1-chloropropane)[2,2'-]	0.366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Benzo(a)pyrene	0.0366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Diethylphthalate	0.366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Pentachlorophenol	0.366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Chloroaniline[4-]	0.366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Di-n-octylphthalate	0.366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Dichlorophenol[2,4-]	0.366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Diphenylamine	0.366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Benzoic acid	0.733	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Nitrobenzene	0.366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Benzyl alcohol	0.366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Dimethylphenol[2,4-]	0.366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Indeno(1,2,3-cd)pyrene	0.0366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Hexachloroethane	0.366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Methylnaphthalene[2-]	0.0366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Dichlorobenzene[1,4-]	0.366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Hexachlorobenzene	0.366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Benzo(b)fluoranthene	0.0366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Dichlorobenzene[1,3-]	0.366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Benzo(a)anthracene	0.0366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Aniline	0.366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Nitrosodimethylamine[N-]	0.366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Nitrophenol[4-]	0.366	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Bromophenyl-phenylether[4-]	0.366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Bis(2-chloroethoxy)methane	0.366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Dinitrotoluene[2,4-]	0.366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Pyrene	0.0366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Chloro-3-methylphenol[4-]	0.366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Butylbenzylphthalate	0.366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Trichlorophenol[2,4,6-]	0.366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Dichlorobenzene[1,2-]	0.366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Bis(2-ethylhexyl)phthalate	0.366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Dinitro-2-methylphenol[4,6-]	0.366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Dinitrotoluene[2,6-]	0.366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Nitroaniline[3-]	0.366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Benzo(g,h,i)perylene	0.0366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Hexachlorocyclopentadiene	0.366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Hexachlorobutadiene	0.366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Naphthalene	0.0366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Chloronaphthalene[2-]	0.0366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Trichlorophenol[2,4,5-]	0.366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Benzo(k)fluoranthene	0.0366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Dibenz(a,h)anthracene	0.0366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Nitroaniline[2-]	0.366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Acenaphthylene	0.0366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Chlorophenyl-phenyl[4-] ether	0.366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Dimethyl phthalate	0.366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Isophorone	0.366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Fluorene	0.0366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Nitrophenol[2-]	0.366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Azobenzene	0.0366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Fluoranthene	0.0366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Phenol	0.366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Pyridine	0.366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Dinitrophenol[2,4-]	0.733	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Dichlorobenzidine[3,3'-]	0.366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Styrene	0.0015	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Chrysene	0.0366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Acenaphthene	0.0366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Chlorophenol[2-]	0.366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Methylphenol[4-]	0.366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Bis(2-chloroethyl)ether	0.366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Dibenzofuran	0.366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Phenanthrene	0.0366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Chlorobenzene	0.0015	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Nitroaniline[4-]	0.366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Anthracene	0.0366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Propylbenzene[1-]	0.0015	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Trichlorobenzene[1,2,4-]	0.366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Nitroso-di-n-propylamine[N-]	0.366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Di-n-butylphthalate	0.366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Methylphenol[2-]	0.366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Dibromoethane[1,2-]	0.0015	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Chlorodibromomethane	0.0015	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Dichloropropene[trans-1,3-]	0.0015	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Bromobenzene	0.0015	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Tetrachloroethene	0.0015	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Uranium-238	1.28	pCi/g	None
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Strontium-90	0.0393	pCi/g	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Aroclor-1221	0.0073	mg/kg	UJ
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Tritium	5.490055	pCi/g	None
21-11200	MD21-01-0525	17.0–18.0	Qbt3	BHC[alpha-]	0.00022	mg/kg	J-
21-11200	MD21-01-0525	17.0–18.0	Qbt3	BHC[delta-]	0.00024	mg/kg	J-
21-11200	MD21-01-0525	17.0–18.0	Qbt3	BHC[gamma-]	0.00024	mg/kg	J-
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Aroclor-1260	0.0073	mg/kg	UJ
21-11200	MD21-01-0525	17.0–18.0	Qbt3	DDT[4,4'-]	0.0015	mg/kg	UJ
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Chlordane[gamma-]	0.00073	mg/kg	UJ
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Heptachlor	0.00073	mg/kg	UJ
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Endrin	0.0015	mg/kg	UJ
21-11200	MD21-01-0525	17.0–18.0	Qbt3	BHC[beta-]	0.00073	mg/kg	UJ
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Methoxychlor[4,4'-]	0.0073	mg/kg	UJ
21-11200	MD21-01-0525	17.0–18.0	Qbt3	DDE[4,4'-]	0.0015	mg/kg	UJ
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Endrin aldehyde	0.0015	mg/kg	UJ
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Uranium-234	1.22	pCi/g	None
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Uranium-235	0.131	pCi/g	None
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Gross alpha/beta	16.8	pCi/g	None
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Heptachlor epoxide	0.00073	mg/kg	UJ
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Chlordane[alpha-]	0.00073	mg/kg	UJ
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Endosulfan I	0.00073	mg/kg	UJ
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Gross beta	45	pCi/g	None
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Endrin ketone	0.0015	mg/kg	UJ
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Dieldrin	0.0003	mg/kg	J-
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Aroclor-1254	0.0073	mg/kg	UJ
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Endosulfan II	0.0015	mg/kg	UJ
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Aroclor-1016	0.0073	mg/kg	UJ
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Endosulfan sulfate	0.00023	mg/kg	J-
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Aldrin	0.00027	mg/kg	J-
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Aroclor-1232	0.0073	mg/kg	UJ
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Aroclor-1242	0.0073	mg/kg	UJ
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Toxaphene (technical grade)	0.0366	mg/kg	UJ
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Aroclor-1248	0.0073	mg/kg	UJ
21-11200	MD21-01-0525	17.0–18.0	Qbt3	DDD[4,4'-]	0.00029	mg/kg	J-
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Butylbenzene[sec-]	0.0015	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Ethylbenzene	0.0015	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Trimethylbenzene[1,3,5-]	0.0015	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Dichloropropene[cis-1,3-]	0.0015	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Dichloroethane[1,2-]	0.0015	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Chlorotoluene[4-]	0.0015	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Methyl-2-pentanone[4-]	0.0076	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Toluene	0.0015	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Dichlorobenzene[1,4-]	0.0015	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Butylbenzene[n-]	0.0015	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Thorium-230	1.65	pCi/g	None
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Thorium-228	1.98	pCi/g	None
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Thorium-232	1.75	pCi/g	None

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Aluminum	12.2	mg/kg	None
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Arsenic	0.00179	mg/kg	None
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Barium	0.0781	mg/kg	None
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Calcium	2.05	mg/kg	None
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Cadmium	0.005	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Cobalt	0.00219	mg/kg	None
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Chromium	0.008	mg/kg	None
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Copper	0.0054	mg/kg	None
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Iron	9.96	mg/kg	None
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Potassium	2.21	mg/kg	None
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Magnesium	2.93	mg/kg	None
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Manganese	0.143	mg/kg	None
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Sodium	1.2	mg/kg	None
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Lead	0.00669	mg/kg	None
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Selenium	0.000664	mg/kg	None
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Vanadium	0.013	mg/kg	None
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Zinc	0.0263	mg/kg	None
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Mercury	0.000005	mg/kg	J
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Silver	0.00002	mg/kg	J
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Beryllium	0.000553	mg/kg	None
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Nickel	0.0102	mg/kg	None
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Antimony	0.002	mg/kg	UJ
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Thallium	0.000127	mg/kg	None
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Cobalt-60	0.0167	pCi/g	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Cesium-134	-0.0294	pCi/g	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Cesium-137	0.0194	pCi/g	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Europium-152	0.122	pCi/g	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Sodium-22	-0.0278	pCi/g	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Ruthenium-106	0.0971	pCi/g	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Dichloropropane[1,3-]	0.0012	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Trichlorotrifluoroethane	0.0061	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Dichlorobenzene[1,3-]	0.0012	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Trichloroethane[1,1,1-]	0.0012	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Dichlorodifluoromethane	0.0012	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Trichloroethane[1,1,2-]	0.0012	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Dibromo-3-chloropropane[1,2-]	0.0012	mg/kg	UJ
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Ethylbenzene	0.0012	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Dichlorobenzene[1,4-]	0.0012	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Chlorobenzene	0.0012	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Methylene chloride	0.0061	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Trichlorofluoromethane	0.0012	mg/kg	UJ
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Isopropylbenzene	0.0012	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Xylene[1,3-]+Xylene[1,4-]	0.0024	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Dichloropropene[trans-1,3-]	0.0012	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Bromomethane	0.0012	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Trichloroethene	0.0012	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Propylbenzene[1-]	0.0012	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Methyl-2-pentanone[4-]	0.0061	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Vinyl chloride	0.0012	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Dichloroethene[1,1-]	0.0012	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Americium-241	0.0111	pCi/g	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Hexanone[2-]	0.0061	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Chlorotoluene[2-]	0.0012	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Trimethylbenzene[1,2,4-]	0.0012	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Plutonium-238	0.00326	pCi/g	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Chlorotoluene[4-]	0.0012	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Dichloropropene[cis-1,3-]	0.0012	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Dibromomethane	0.0012	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Butanone[2-]	0.0061	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Chlorodibromomethane	0.0012	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Acetone	0.0118	mg/kg	None
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Chloroethane	0.0012	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Bromodichloromethane	0.0012	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Benzene	0.0012	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Trimethylbenzene[1,3,5-]	0.0012	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Tetrachloroethene	0.0012	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Dichloroethene[cis-1,2-]	0.0012	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Dichloroethene[trans-1,2-]	0.0012	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Carbon tetrachloride	0.0012	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Tetrachloroethane[1,1,1,2-]	0.0012	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Chloromethane	0.0012	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Bromochloromethane	0.0012	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Carbon disulfide	0.0061	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Bromoform	0.0012	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Dichloroethane[1,1-]	0.0012	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Tetrachloroethane[1,1,2,2-]	0.0012	mg/kg	UJ
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Dichlorobenzene[1,2-]	0.00044	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Chloroform	0.0012	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Plutonium-239	-0.00326	pCi/g	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Dichloroethane[1,2-]	0.0012	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Dichloropropane[1,2-]	0.0012	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Isopropyltoluene[4-]	0.0012	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Styrene	0.0012	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Dibromoethane[1,2-]	0.0012	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Toluene	0.00036	mg/kg	J
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Butylbenzene[sec-]	0.0012	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Iodomethane	0.0061	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Dichloropropene[1,1-]	0.0012	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Dichloropropane[2,2-]	0.0012	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Xylene[1,2-]	0.0012	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Butylbenzene[tert-]	0.0012	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Bromobenzene	0.0012	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Trichloropropane[1,2,3-]	0.0012	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Butylbenzene[n-]	0.0012	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Dimethylphenol[2,4-]	0.344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Chloroaniline[4-]	0.344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Pyridine	0.344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Dinitro-2-methylphenol[4,6-]	0.344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Acenaphthene	0.0344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Dichlorobenzene[1,4-]	0.344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Dichlorophenol[2,4-]	0.344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Diphenylamine	0.344	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Fluorene	0.0344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Methylphenol[2-]	0.344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Dichlorobenzene[1,2-]	0.344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Nitrobenzene	0.344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Benzo(a)pyrene	0.0344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Isophorone	0.344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Nitroaniline[3-]	0.344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Nitrophenol[4-]	0.344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Methylphenol[4-]	0.344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Nitrosodimethylamine[N-]	0.344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Hexachloroethane	0.344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Phenanthrene	0.0344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Methylnaphthalene[2-]	0.0344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Benzyl alcohol	0.344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Indeno(1,2,3-cd)pyrene	0.0344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Acenaphthylene	0.0344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Hexachlorocyclopentadiene	0.344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Di-n-butylphthalate	0.344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Bis(2-ethylhexyl)phthalate	0.0119	mg/kg	J
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Benzo(b)fluoranthene	0.0344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Dinitrophenol[2,4-]	0.688	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Hexachlorobutadiene	0.344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Nitroaniline[2-]	0.344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Phenol	0.344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Benzo(g,h,i)perylene	0.0344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Bis(2-chloroethoxy)methane	0.344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Pyrene	0.0344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Dimethyl phthalate	0.344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Diethylphthalate	0.344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Chrysene	0.0344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Dibenz(a,h)anthracene	0.0344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Dichlorobenzene[1,3-]	0.344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Dinitrotoluene[2,6-]	0.344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Dichlorobenzidine[3,3'-]	0.344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Chlorophenol[2-]	0.344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Oxybis(1-chloropropane)[2,2'-]	0.344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Hexachlorobenzene	0.344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Naphthalene	0.0344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Nitroaniline[4-]	0.344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Dinitrotoluene[2,4-]	0.344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Benzo(k)fluoranthene	0.0344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Trichlorophenol[2,4,6-]	0.344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Trichlorobenzene[1,2,4-]	0.344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Chloro-3-methylphenol[4-]	0.344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Benzoic acid	0.688	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Butylbenzylphthalate	0.344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Nitrophenol[2-]	0.344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Chloronaphthalene[2-]	0.0344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Bromophenyl-phenylether[4-]	0.344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Bis(2-chloroethyl)ether	0.344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Di-n-octylphthalate	0.344	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Anthracene	0.0344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Fluoranthene	0.0344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Pentachlorophenol	0.344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Trichlorophenol[2,4,5-]	0.344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Dibenzofuran	0.344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Benzo(a)anthracene	0.0344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Chlorophenyl-phenyl[4-] ether	0.344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Azobenzene	0.0344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Aniline	0.344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Nitroso-di-n-propylamine[N-]	0.344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	BHC[beta-]	0.00069	mg/kg	UJ
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Aroclor-1232	0.0069	mg/kg	UJ
21-11195	MD21-01-0526	12.0–13.0	Qbt3	BHC[alpha-]	0.00069	mg/kg	UJ
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Heptachlor epoxide	0.00069	mg/kg	UJ
21-11195	MD21-01-0526	12.0–13.0	Qbt3	BHC[delta-]	0.00069	mg/kg	UJ
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Chlordane[gamma-]	0.00069	mg/kg	UJ
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Endrin	0.0014	mg/kg	UJ
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Endrin aldehyde	0.0014	mg/kg	UJ
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Heptachlor	0.00069	mg/kg	UJ
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Aroclor-1260	0.0069	mg/kg	UJ
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Aldrin	0.00069	mg/kg	UJ
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Aroclor-1016	0.0069	mg/kg	UJ
21-11195	MD21-01-0526	12.0–13.0	Qbt3	DDT[4,4'-]	0.0014	mg/kg	UJ
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Chlordane[alpha-]	0.00069	mg/kg	UJ
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Dieldrin	0.0014	mg/kg	UJ
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Tritium	849.8654	pCi/g	None
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Endosulfan II	0.0014	mg/kg	UJ
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Toxaphene (technical grade)	0.0344	mg/kg	UJ
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Aroclor-1242	0.0069	mg/kg	UJ
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Uranium-238	0.555	pCi/g	None
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Endosulfan I	0.00069	mg/kg	UJ
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Uranium-234	0.555	pCi/g	None
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Aroclor-1221	0.0069	mg/kg	UJ
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Gross beta	46.3	pCi/g	None
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Endrin ketone	0.0014	mg/kg	UJ
21-11195	MD21-01-0526	12.0–13.0	Qbt3	BHC[gamma-]	0.00069	mg/kg	UJ
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Uranium-235	0	pCi/g	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Methoxychlor[4,4'-]	0.0069	mg/kg	UJ
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Endosulfan sulfate	0.0014	mg/kg	UJ
21-11195	MD21-01-0526	12.0–13.0	Qbt3	DDE[4,4'-]	0.0014	mg/kg	UJ
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Aroclor-1254	0.0069	mg/kg	UJ
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Strontium-90	0.0116	pCi/g	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	DDD[4,4'-]	0.0014	mg/kg	UJ
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Aroclor-1248	0.0069	mg/kg	UJ
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Gross alpha/beta	14.5	pCi/g	None
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Thorium-232	0.924	pCi/g	None
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Thorium-228	1.38	pCi/g	None
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Thorium-230	1.04	pCi/g	None
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Aluminum	0.474	mg/kg	None
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Arsenic	0.00185	mg/kg	None
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Barium	0.00548	mg/kg	None

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Calcium	0.697	mg/kg	None
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Cadmium	0.005	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Cobalt	0.000201	mg/kg	J
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Chromium	0.00283	mg/kg	None
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Copper	0.000588	mg/kg	None
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Iron	3.98	mg/kg	None
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Potassium	0.196	mg/kg	None
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Magnesium	0.202	mg/kg	None
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Manganese	0.219	mg/kg	None
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Sodium	0.131	mg/kg	None
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Lead	0.00477	mg/kg	None
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Selenium	0.000504	mg/kg	None
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Vanadium	0.00155	mg/kg	None
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Zinc	0.0204	mg/kg	None
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Mercury	0.002	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Silver	0.001	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Beryllium	0.000095	mg/kg	None
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Nickel	0.00118	mg/kg	None
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Antimony	0.002	mg/kg	UJ
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Thallium	0.005	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Cobalt-60	0.00731	pCi/g	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Cesium-134	0.0045	pCi/g	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Cesium-137	0.0419	pCi/g	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Europium-152	-0.0327	pCi/g	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Sodium-22	-0.0187	pCi/g	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Ruthenium-106	-0.0197	pCi/g	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Nitrophenol[2-]	0.345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Naphthalene	0.0345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Methylnaphthalene[2-]	0.0345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Chloronaphthalene[2-]	0.0345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Dichlorobenzidine[3,3'-]	0.345	mg/kg	UJ
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Methylphenol[2-]	0.345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Dichlorobenzene[1,2-]	0.345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Chlorophenol[2-]	0.345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Trichlorophenol[2,4,5-]	0.345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Nitroaniline[3-]	0.345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Perchlorate	0.312	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Silver	0.0769	mg/kg	J
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Beryllium	0.595	mg/kg	None
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Nickel	4.04	mg/kg	J
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Antimony	0.0941	mg/kg	J-
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Thallium	0.099	mg/kg	J
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Mercury	0.703	mg/kg	None
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Aluminum	7770	mg/kg	None
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Arsenic	2.93	mg/kg	None
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Barium	61.2	mg/kg	None
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Calcium	2240	mg/kg	None
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Chromium	7.61	mg/kg	None
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Copper	6.59	mg/kg	None
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Iron	9140	mg/kg	None
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Potassium	1380	mg/kg	J

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Magnesium	1550	mg/kg	None
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Manganese	388	mg/kg	None
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Lead	22.8	mg/kg	None
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Selenium	0.573	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Zinc	53	mg/kg	None
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Cadmium	0.368	mg/kg	J
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Cobalt	2.69	mg/kg	None
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Sodium	126	mg/kg	None
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Vanadium	12.5	mg/kg	None
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Americium-241	0.0471	pCi/g	None
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Plutonium-238	0.0217	pCi/g	None
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Plutonium-239	0.586	pCi/g	None
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Aroclor-1260	0.0034	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Aroclor-1254	0.0034	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Aroclor-1221	0.0034	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Aroclor-1232	0.0034	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Aroclor-1248	0.0034	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Aroclor-1016	0.0034	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Aroclor-1242	0.0034	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Nitroaniline[4-]	0.345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Nitrophenol[4-]	0.345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Benzyl alcohol	0.345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Bromophenyl-phenylether[4-]	0.345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Azobenzene	0.0345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Dimethylphenol[2,4-]	0.345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Methylphenol[4-]	0.345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Dichlorobenzene[1,4-]	0.345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Chloroaniline[4-]	0.345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Phenol	0.345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Pyridine	0.345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Bis(2-chloroethyl)ether	0.345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Bis(2-chloroethoxy)methane	0.345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Bis(2-ethylhexyl)phthalate	0.345	mg/kg	UJ
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Di-n-octylphthalate	0.345	mg/kg	UJ
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Hexachlorobenzene	0.345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Anthracene	0.0345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Trichlorobenzene[1,2,4-]	0.345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Dichlorophenol[2,4-]	0.345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Dinitrotoluene[2,4-]	0.345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Nitrosodiphenylamine[N-]	0.345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Pyrene	0.0345	mg/kg	UJ
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Dimethyl phthalate	0.345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Dibenzofuran	0.345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Benzo(g,h,i)perylene	0.0345	mg/kg	UJ
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Indeno(1,2,3-cd)pyrene	0.0345	mg/kg	UJ
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Benzo(b)fluoranthene	0.0345	mg/kg	UJ
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Fluoranthene	0.0345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Benzo(k)fluoranthene	0.0345	mg/kg	UJ
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Acenaphthylene	0.0345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Chrysene	0.0345	mg/kg	UJ

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Benzo(a)pyrene	0.0345	mg/kg	UJ
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Dinitrophenol[2,4-]	0.69	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Dibenz(a,h)anthracene	0.0345	mg/kg	UJ
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Dinitro-2-methylphenol[4,6-]	0.345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Dichlorobenzene[1,3-]	0.345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Benzo(a)anthracene	0.0345	mg/kg	UJ
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Chloro-3-methylphenol[4-]	0.345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Dinitrotoluene[2,6-]	0.345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Aniline	0.345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Nitrosodimethylamine[N-]	0.345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Nitroso-di-n-propylamine[N-]	0.345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Benzoic acid	0.69	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Hexachloroethane	0.345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Chlorophenyl-phenyl[4-] ether	0.345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Hexachlorocyclopentadiene	0.345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Isophorone	0.345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Acenaphthene	0.0345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Diethylphthalate	0.345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Di-n-butylphthalate	0.345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Phenanthrene	0.0345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Butylbenzylphthalate	0.345	mg/kg	UJ
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Fluorene	0.0345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Hexachlorobutadiene	0.345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Pentachlorophenol	0.345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Trichlorophenol[2,4,6-]	0.345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Nitroaniline[2-]	0.345	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Americium-241	0.0616	pCi/g	None
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Plutonium-238	0.0198	pCi/g	None
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Plutonium-239	1.9	pCi/g	None
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Aroclor-1260	0.4	mg/kg	None
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Aroclor-1254	0.906	mg/kg	None
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Aroclor-1221	0.0685	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Aroclor-1232	0.0685	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Aroclor-1248	0.0685	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Aroclor-1016	0.0685	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Aroclor-1242	0.0685	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Nitroaniline[4-]	0.342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Nitrophenol[4-]	0.342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Benzyl alcohol	0.342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Bromophenyl-phenylether[4-]	0.342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Azobenzene	0.0342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Dimethylphenol[2,4-]	0.342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Methylphenol[4-]	0.342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Dichlorobenzene[1,4-]	0.342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Chloroaniline[4-]	0.342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Phenol	0.342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Pyridine	0.342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Bis(2-chloroethyl)ether	0.342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Bis(2-chloroethoxy)methane	0.342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Bis(2-ethylhexyl)phthalate	0.342	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Di-n-octylphthalate	0.342	mg/kg	UJ
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Hexachlorobenzene	0.342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Anthracene	0.0342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Trichlorobenzene[1,2,4-]	0.342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Dichlorophenol[2,4-]	0.342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Dinitrotoluene[2,4-]	0.342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Nitrosodiphenylamine[N-]	0.342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Pyrene	0.0345	mg/kg	None
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Dimethyl phthalate	0.342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Dibenzofuran	0.342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Benzo(g,h,i)perylene	0.0342	mg/kg	UJ
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Indeno(1,2,3-cd)pyrene	0.0342	mg/kg	UJ
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Benzo(b)fluoranthene	0.0342	mg/kg	UJ
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Fluoranthene	0.0244	mg/kg	J
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Benzo(k)fluoranthene	0.0342	mg/kg	UJ
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Acenaphthylene	0.0342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Chrysene	0.0342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Benzo(a)pyrene	0.0342	mg/kg	UJ
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Dinitrophenol[2,4-]	0.685	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Dibenz(a,h)anthracene	0.0342	mg/kg	UJ
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Dinitro-2-methylphenol[4,6-]	0.342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Dichlorobenzene[1,3-]	0.342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Benzo(a)anthracene	0.0342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Chloro-3-methylphenol[4-]	0.342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Dinitrotoluene[2,6-]	0.342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Aniline	0.342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Nitrosodimethylamine[N-]	0.342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Nitroso-di-n-propylamine[N-]	0.342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Benzoic acid	0.685	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Hexachloroethane	0.342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Chlorophenyl-phenyl[4-] ether	0.342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Hexachlorocyclopentadiene	0.342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Isophorone	0.342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Acenaphthene	0.0342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Diethylphthalate	0.342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Di-n-butylphthalate	0.0408	mg/kg	J
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Phenanthrene	0.0342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Butylbenzylphthalate	0.342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Fluorene	0.0342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Hexachlorobutadiene	0.342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Pentachlorophenol	0.342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Trichlorophenol[2,4,6-]	0.342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Nitroaniline[2-]	0.342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Nitrophenol[2-]	0.342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Naphthalene	0.0342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Methylnaphthalene[2-]	0.0342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Chloronaphthalene[2-]	0.0342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Dichlorobenzidine[3,3'-]	0.342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Methylphenol[2-]	0.342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Dichlorobenzene[1,2-]	0.342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Chlorophenol[2-]	0.342	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Trichlorophenol[2,4,5-]	0.342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Nitroaniline[3-]	0.342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Perchlorate	0.123	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Silver	0.386	mg/kg	None
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Beryllium	0.691	mg/kg	None
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Nickel	5.43	mg/kg	None
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Antimony	0.14	mg/kg	J-
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Thallium	0.132	mg/kg	None
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Mercury	10.9	mg/kg	None
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Aluminum	8880	mg/kg	None
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Arsenic	8.13	mg/kg	None
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Barium	288	mg/kg	None
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Calcium	2740	mg/kg	None
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Chromium	44.7	mg/kg	None
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Copper	21.2	mg/kg	None
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Iron	9430	mg/kg	None
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Potassium	1400	mg/kg	None
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Magnesium	1540	mg/kg	None
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Manganese	328	mg/kg	None
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Lead	115	mg/kg	None
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Selenium	0.717	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Zinc	267	mg/kg	None
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Cadmium	0.881	mg/kg	None
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Cobalt	3.35	mg/kg	None
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Sodium	82.1	mg/kg	None
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Vanadium	29.7	mg/kg	None
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Americium-241	0.0566	pCi/g	None
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Plutonium-238	0.0135	pCi/g	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Plutonium-239	1.42	pCi/g	None
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Aroclor-1260	0.176	mg/kg	None
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Aroclor-1254	0.371	mg/kg	None
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Aroclor-1221	0.0339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Aroclor-1232	0.0339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Aroclor-1248	0.0339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Aroclor-1016	0.0339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Aroclor-1242	0.0339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Nitroaniline[4-]	0.339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Nitrophenol[4-]	0.339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Benzyl alcohol	0.339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Bromophenyl-phenylether[4-]	0.339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Azobenzene	0.0339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Dimethylphenol[2,4-]	0.339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Methylphenol[4-]	0.339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Dichlorobenzene[1,4-]	0.339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Chloroaniline[4-]	0.339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Phenol	0.339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Pyridine	0.339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Bis(2-chloroethyl)ether	0.339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Bis(2-chloroethoxy)methane	0.339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Bis(2-ethylhexyl)phthalate	0.339	mg/kg	UJ

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Di-n-octylphthalate	0.339	mg/kg	UJ
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Hexachlorobenzene	0.339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Anthracene	0.0339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Trichlorobenzene[1,2,4-]	0.339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Dichlorophenol[2,4-]	0.339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Dinitrotoluene[2,4-]	0.339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Nitrosodiphenylamine[N-]	0.339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Pyrene	0.0339	mg/kg	UJ
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Dimethyl phthalate	0.339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Dibenzofuran	0.339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Benzo(g,h,i)perylene	0.0339	mg/kg	UJ
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Indeno(1,2,3-cd)pyrene	0.0339	mg/kg	UJ
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Benzo(b)fluoranthene	0.0339	mg/kg	UJ
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Fluoranthene	0.0339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Benzo(k)fluoranthene	0.0339	mg/kg	UJ
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Acenaphthylene	0.0339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Chrysene	0.0339	mg/kg	UJ
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Benzo(a)pyrene	0.0339	mg/kg	UJ
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Dinitrophenol[2,4-]	0.678	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Dibenz(a,h)anthracene	0.0339	mg/kg	UJ
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Dinitro-2-methylphenol[4,6-]	0.339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Dichlorobenzene[1,3-]	0.339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Benzo(a)anthracene	0.0339	mg/kg	UJ
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Chloro-3-methylphenol[4-]	0.339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Dinitrotoluene[2,6-]	0.339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Aniline	0.339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Nitrosodimethylamine[N-]	0.339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Nitroso-di-n-propylamine[N-]	0.339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Benzoic acid	0.678	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Hexachloroethane	0.339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Chlorophenyl-phenyl[4-] ether	0.339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Hexachlorocyclopentadiene	0.339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Isophorone	0.339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Acenaphthene	0.0339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Diethylphthalate	0.339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Di-n-butylphthalate	0.339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Phenanthrene	0.0339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Butylbenzylphthalate	0.339	mg/kg	UJ
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Fluorene	0.0339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Hexachlorobutadiene	0.339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Pentachlorophenol	0.339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Trichlorophenol[2,4,6-]	0.339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Nitroaniline[2-]	0.339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Nitrophenol[2-]	0.339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Naphthalene	0.0339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Methylnaphthalene[2-]	0.0339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Chloronaphthalene[2-]	0.0339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Dichlorobenzidine[3,3'-]	0.339	mg/kg	UJ
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Methylphenol[2-]	0.339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Dichlorobenzene[1,2-]	0.339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Chlorophenol[2-]	0.339	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Trichlorophenol[2,4,5-]	0.339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Nitroaniline[3-]	0.339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Perchlorate	0.122	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Silver	0.188	mg/kg	J
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Beryllium	0.518	mg/kg	None
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Nickel	3.78	mg/kg	None
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Antimony	0.111	mg/kg	J-
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Thallium	0.0907	mg/kg	J
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Mercury	6.17	mg/kg	None
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Aluminum	6330	mg/kg	None
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Arsenic	4.13	mg/kg	None
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Barium	119	mg/kg	None
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Calcium	1790	mg/kg	None
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Chromium	18.7	mg/kg	None
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Copper	11	mg/kg	None
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Iron	6940	mg/kg	None
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Potassium	961	mg/kg	None
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Magnesium	1120	mg/kg	None
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Manganese	271	mg/kg	None
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Lead	46.8	mg/kg	None
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Selenium	0.541	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Zinc	114	mg/kg	None
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Cadmium	0.748	mg/kg	None
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Cobalt	3.23	mg/kg	None
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Sodium	103	mg/kg	None
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Vanadium	27.4	mg/kg	None
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Americium-241	0.0282	pCi/g	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Plutonium-238	0.0032	pCi/g	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Plutonium-239	0.112	pCi/g	None
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Aroclor-1260	0.0035	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Aroclor-1254	0.0035	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Aroclor-1221	0.0035	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Aroclor-1232	0.0035	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Aroclor-1248	0.0035	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Aroclor-1016	0.0035	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Aroclor-1242	0.0035	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Nitroaniline[4-]	0.349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Nitrophenol[4-]	0.349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Benzyl alcohol	0.349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Bromophenyl-phenylether[4-]	0.349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Azobenzene	0.0349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Dimethylphenol[2,4-]	0.349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Methylphenol[4-]	0.349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Dichlorobenzene[1,4-]	0.349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Chloroaniline[4-]	0.349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Phenol	0.349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Pyridine	0.349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Bis(2-chloroethyl)ether	0.349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Bis(2-chloroethoxy)methane	0.349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Bis(2-ethylhexyl)phthalate	0.349	mg/kg	UJ

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Di-n-octylphthalate	0.349	mg/kg	UJ
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Hexachlorobenzene	0.349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Anthracene	0.0349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Trichlorobenzene[1,2,4-]	0.349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Dichlorophenol[2,4-]	0.349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Dinitrotoluene[2,4-]	0.349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Nitrosodiphenylamine[N-]	0.349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Pyrene	0.0349	mg/kg	UJ
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Dimethyl phthalate	0.349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Dibenzofuran	0.349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Benzo(g,h,i)perylene	0.0349	mg/kg	UJ
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Indeno(1,2,3-cd)pyrene	0.0349	mg/kg	UJ
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Benzo(b)fluoranthene	0.0349	mg/kg	UJ
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Fluoranthene	0.0349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Benzo(k)fluoranthene	0.0349	mg/kg	UJ
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Acenaphthylene	0.0349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Chrysene	0.0349	mg/kg	UJ
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Benzo(a)pyrene	0.0349	mg/kg	UJ
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Dinitrophenol[2,4-]	0.698	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Dibenz(a,h)anthracene	0.0349	mg/kg	UJ
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Dinitro-2-methylphenol[4,6-]	0.349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Dichlorobenzene[1,3-]	0.349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Benzo(a)anthracene	0.0349	mg/kg	UJ
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Chloro-3-methylphenol[4-]	0.349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Dinitrotoluene[2,6-]	0.349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Aniline	0.349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Nitrosodimethylamine[N-]	0.349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Nitroso-di-n-propylamine[N-]	0.349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Benzoic acid	0.698	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Hexachloroethane	0.349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Chlorophenyl-phenyl[4-] ether	0.349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Hexachlorocyclopentadiene	0.349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Isophorone	0.349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Acenaphthene	0.0349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Diethylphthalate	0.349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Di-n-butylphthalate	0.349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Phenanthrene	0.0349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Butylbenzylphthalate	0.349	mg/kg	UJ
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Fluorene	0.0349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Hexachlorobutadiene	0.349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Pentachlorophenol	0.349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Trichlorophenol[2,4,6-]	0.349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Nitroaniline[2-]	0.349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Nitrophenol[2-]	0.349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Naphthalene	0.0349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Methylnaphthalene[2-]	0.0349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Chloronaphthalene[2-]	0.0349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Dichlorobenzidine[3,3'-]	0.349	mg/kg	UJ
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Methylphenol[2-]	0.349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Dichlorobenzene[1,2-]	0.349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Chlorophenol[2-]	0.349	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Trichlorophenol[2,4,5-]	0.349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Nitroaniline[3-]	0.349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Perchlorate	0.125	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Silver	0.0466	mg/kg	J
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Beryllium	0.542	mg/kg	None
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Nickel	2	mg/kg	None
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Antimony	0.414	mg/kg	UJ
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Thallium	0.0507	mg/kg	J
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Mercury	0.0111	mg/kg	None
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Aluminum	4650	mg/kg	None
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Arsenic	1.79	mg/kg	None
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Barium	31.7	mg/kg	None
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Calcium	775	mg/kg	None
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Chromium	3.21	mg/kg	None
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Copper	2.76	mg/kg	None
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Iron	5890	mg/kg	None
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Potassium	579	mg/kg	None
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Magnesium	715	mg/kg	None
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Manganese	213	mg/kg	None
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Lead	8.14	mg/kg	None
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Selenium	0.488	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Zinc	24	mg/kg	None
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Cadmium	0.144	mg/kg	J
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Cobalt	1.16	mg/kg	None
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Sodium	98.8	mg/kg	None
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Vanadium	6.15	mg/kg	None
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Americium-241	0.0169	pCi/g	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Plutonium-238	0.0135	pCi/g	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Plutonium-239	0.229	pCi/g	None
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Aroclor-1260	0.0128	mg/kg	None
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Aroclor-1254	0.0214	mg/kg	None
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Aroclor-1221	0.0036	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Aroclor-1232	0.0036	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Aroclor-1248	0.0036	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Aroclor-1016	0.0036	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Aroclor-1242	0.0036	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Nitroaniline[4-]	0.361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Nitrophenol[4-]	0.361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Benzyl alcohol	0.361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Bromophenyl-phenylether[4-]	0.361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Azobenzene	0.0361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Dimethylphenol[2,4-]	0.361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Methylphenol[4-]	0.361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Dichlorobenzene[1,4-]	0.361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Chloroaniline[4-]	0.361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Phenol	0.361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Pyridine	0.361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Bis(2-chloroethyl)ether	0.361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Bis(2-chloroethoxy)methane	0.361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Bis(2-ethylhexyl)phthalate	0.361	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Di-n-octylphthalate	0.361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Hexachlorobenzene	0.361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Anthracene	0.0361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Trichlorobenzene[1,2,4-]	0.361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Dichlorophenol[2,4-]	0.361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Dinitrotoluene[2,4-]	0.361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Nitrosodiphenylamine[N-]	0.361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Pyrene	0.0361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Dimethyl phthalate	0.361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Dibenzofuran	0.361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Benzo(g,h,i)perylene	0.0361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Indeno(1,2,3-cd)pyrene	0.0361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Benzo(b)fluoranthene	0.0361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Fluoranthene	0.0361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Benzo(k)fluoranthene	0.0361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Acenaphthylene	0.0361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Chrysene	0.0361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Benzo(a)pyrene	0.0361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Dinitrophenol[2,4-]	0.722	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Dibenz(a,h)anthracene	0.0361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Dinitro-2-methylphenol[4,6-]	0.361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Dichlorobenzene[1,3-]	0.361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Benzo(a)anthracene	0.0361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Chloro-3-methylphenol[4-]	0.361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Dinitrotoluene[2,6-]	0.361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Aniline	0.361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Nitrosodimethylamine[N-]	0.361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Nitroso-di-n-propylamine[N-]	0.361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Benzoic acid	0.722	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Hexachloroethane	0.361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Chlorophenyl-phenyl[4-] ether	0.361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Hexachlorocyclopentadiene	0.361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Isophorone	0.361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Acenaphthene	0.0361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Diethylphthalate	0.361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Di-n-butylphthalate	0.361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Phenanthrene	0.0361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Butylbenzylphthalate	0.361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Fluorene	0.0361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Hexachlorobutadiene	0.361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Pentachlorophenol	0.361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Trichlorophenol[2,4,6-]	0.361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Nitroaniline[2-]	0.361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Nitrophenol[2-]	0.361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Naphthalene	0.0361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Methylnaphthalene[2-]	0.0361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Chloronaphthalene[2-]	0.0361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Dichlorobenzidine[3,3'-]	0.361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Methylphenol[2-]	0.361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Dichlorobenzene[1,2-]	0.361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Chlorophenol[2-]	0.361	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Trichlorophenol[2,4,5-]	0.361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Nitroaniline[3-]	0.361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Perchlorate	0.0532	mg/kg	J
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Silver	0.0819	mg/kg	J
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Beryllium	0.78	mg/kg	None
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Nickel	6.55	mg/kg	None
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Antimony	0.0624	mg/kg	J-
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Thallium	0.158	mg/kg	None
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Mercury	0.172	mg/kg	None
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Aluminum	9780	mg/kg	None
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Arsenic	3.05	mg/kg	None
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Barium	91.8	mg/kg	None
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Calcium	2530	mg/kg	None
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Chromium	8.08	mg/kg	None
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Copper	6.14	mg/kg	None
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Iron	9450	mg/kg	None
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Potassium	1460	mg/kg	None
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Magnesium	1750	mg/kg	None
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Manganese	347	mg/kg	None
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Lead	17	mg/kg	None
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Selenium	1.06	mg/kg	None
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Zinc	38.6	mg/kg	None
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Cadmium	0.373	mg/kg	J
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Cobalt	4.13	mg/kg	None
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Sodium	85.4	mg/kg	None
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Vanadium	18.5	mg/kg	None
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Americium-241	0.0577	pCi/g	None
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Plutonium-238	0.023	pCi/g	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Plutonium-239	2.94	pCi/g	None
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Aroclor-1260	0.365	mg/kg	None
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Aroclor-1254	0.85	mg/kg	None
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Aroclor-1221	0.069	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Aroclor-1232	0.069	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Aroclor-1248	0.069	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Aroclor-1016	0.069	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Aroclor-1242	0.069	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Nitroaniline[4-]	0.345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Nitrophenol[4-]	0.345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Benzyl alcohol	0.345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Bromophenyl-phenylether[4-]	0.345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Azobenzene	0.0345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Dimethylphenol[2,4-]	0.345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Methylphenol[4-]	0.345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Dichlorobenzene[1,4-]	0.345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Chloroaniline[4-]	0.345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Phenol	0.345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Pyridine	0.345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Bis(2-chloroethyl)ether	0.345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Bis(2-chloroethoxy)methane	0.345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Bis(2-ethylhexyl)phthalate	0.345	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Di-n-octylphthalate	0.345	mg/kg	UJ
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Hexachlorobenzene	0.345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Anthracene	0.0345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Trichlorobenzene[1,2,4-]	0.345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Dichlorophenol[2,4-]	0.345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Dinitrotoluene[2,4-]	0.345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Nitrosodiphenylamine[N-]	0.345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Pyrene	0.0655	mg/kg	None
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Dimethyl phthalate	0.345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Dibenzofuran	0.345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Benzo(g,h,i)perylene	0.0345	mg/kg	UJ
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Indeno(1,2,3-cd)pyrene	0.0345	mg/kg	UJ
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Benzo(b)fluoranthene	0.0345	mg/kg	UJ
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Fluoranthene	0.0534	mg/kg	None
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Benzo(k)fluoranthene	0.0345	mg/kg	UJ
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Acenaphthylene	0.0345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Chrysene	0.0345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Benzo(a)pyrene	0.0345	mg/kg	UJ
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Dinitrophenol[2,4-]	0.69	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Dibenz(a,h)anthracene	0.0345	mg/kg	UJ
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Dinitro-2-methylphenol[4,6-]	0.345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Dichlorobenzene[1,3-]	0.345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Benzo(a)anthracene	0.0345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Chloro-3-methylphenol[4-]	0.345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Dinitrotoluene[2,6-]	0.345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Aniline	0.345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Nitrosodimethylamine[N-]	0.345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Nitroso-di-n-propylamine[N-]	0.345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Benzoic acid	0.69	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Hexachloroethane	0.345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Chlorophenyl-phenyl[4-] ether	0.345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Hexachlorocyclopentadiene	0.345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Isophorone	0.345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Acenaphthene	0.0345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Diethylphthalate	0.345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Di-n-butylphthalate	0.0432	mg/kg	J
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Phenanthrene	0.0409	mg/kg	None
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Butylbenzylphthalate	0.345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Fluorene	0.0345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Hexachlorobutadiene	0.345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Pentachlorophenol	0.345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Trichlorophenol[2,4,6-]	0.345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Nitroaniline[2-]	0.345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Nitrophenol[2-]	0.345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Naphthalene	0.0345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Methylnaphthalene[2-]	0.0345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Chloronaphthalene[2-]	0.0345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Dichlorobenzidine[3,3'-]	0.345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Methylphenol[2-]	0.345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Dichlorobenzene[1,2-]	0.345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Chlorophenol[2-]	0.345	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Trichlorophenol[2,4,5-]	0.345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Nitroaniline[3-]	0.345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Perchlorate	0.308	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Silver	0.339	mg/kg	None
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Beryllium	0.769	mg/kg	None
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Nickel	6.45	mg/kg	None
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Antimony	0.179	mg/kg	J-
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Thallium	0.137	mg/kg	None
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Mercury	9.93	mg/kg	None
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Aluminum	7670	mg/kg	None
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Arsenic	6.93	mg/kg	None
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Barium	251	mg/kg	None
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Calcium	3250	mg/kg	None
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Chromium	35.5	mg/kg	None
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Copper	18.8	mg/kg	None
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Iron	8270	mg/kg	None
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Potassium	1160	mg/kg	None
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Magnesium	1330	mg/kg	None
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Manganese	265	mg/kg	None
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Lead	93.4	mg/kg	None
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Selenium	0.714	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Zinc	226	mg/kg	None
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Cadmium	0.981	mg/kg	None
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Cobalt	3.16	mg/kg	None
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Sodium	114	mg/kg	None
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Vanadium	37.8	mg/kg	None
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Americium-241	0.00816	pCi/g	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Plutonium-238	-0.00135	pCi/g	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Plutonium-239	0.937	pCi/g	None
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Aroclor-1260	0.0379	mg/kg	None
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Aroclor-1254	0.0672	mg/kg	None
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Aroclor-1221	0.0035	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Aroclor-1232	0.0035	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Aroclor-1248	0.0035	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Aroclor-1016	0.0035	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Aroclor-1242	0.0035	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Nitroaniline[4-]	0.352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Nitrophenol[4-]	0.352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Benzyl alcohol	0.352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Bromophenyl-phenylether[4-]	0.352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Azobenzene	0.0352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Dimethylphenol[2,4-]	0.352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Methylphenol[4-]	0.352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Dichlorobenzene[1,4-]	0.352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Chloroaniline[4-]	0.352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Phenol	0.352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Pyridine	0.352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Bis(2-chloroethyl)ether	0.352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Bis(2-chloroethoxy)methane	0.352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Bis(2-ethylhexyl)phthalate	0.0447	mg/kg	J

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Di-n-octylphthalate	0.352	mg/kg	UJ
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Hexachlorobenzene	0.352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Anthracene	0.0352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Trichlorobenzene[1,2,4-]	0.352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Dichlorophenol[2,4-]	0.352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Dinitrotoluene[2,4-]	0.352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Nitrosodiphenylamine[N-]	0.352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Pyrene	0.0352	mg/kg	UJ
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Dimethyl phthalate	0.352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Dibenzofuran	0.352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Benzo(g,h,i)perylene	0.0352	mg/kg	UJ
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Indeno(1,2,3-cd)pyrene	0.0352	mg/kg	UJ
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Benzo(b)fluoranthene	0.0352	mg/kg	UJ
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Fluoranthene	0.0352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Benzo(k)fluoranthene	0.0352	mg/kg	UJ
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Acenaphthylene	0.0352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Chrysene	0.0352	mg/kg	UJ
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Benzo(a)pyrene	0.0352	mg/kg	UJ
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Dinitrophenol[2,4-]	0.703	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Dibenz(a,h)anthracene	0.0352	mg/kg	UJ
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Dinitro-2-methylphenol[4,6-]	0.352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Dichlorobenzene[1,3-]	0.352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Benzo(a)anthracene	0.0352	mg/kg	UJ
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Chloro-3-methylphenol[4-]	0.352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Dinitrotoluene[2,6-]	0.352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Aniline	0.352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Nitrosodimethylamine[N-]	0.352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Nitroso-di-n-propylamine[N-]	0.352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Benzoic acid	0.703	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Hexachloroethane	0.352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Chlorophenyl-phenyl[4-] ether	0.352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Hexachlorocyclopentadiene	0.352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Isophorone	0.352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Acenaphthene	0.0352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Diethylphthalate	0.352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Di-n-butylphthalate	0.352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Phenanthrene	0.0352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Butylbenzylphthalate	0.352	mg/kg	UJ
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Fluorene	0.0352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Hexachlorobutadiene	0.352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Pentachlorophenol	0.352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Trichlorophenol[2,4,6-]	0.352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Nitroaniline[2-]	0.352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Nitrophenol[2-]	0.352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Naphthalene	0.0352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Methylnaphthalene[2-]	0.0352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Chloronaphthalene[2-]	0.0352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Dichlorobenzidine[3,3'-]	0.352	mg/kg	UJ
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Methylphenol[2-]	0.352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Dichlorobenzene[1,2-]	0.352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Chlorophenol[2-]	0.352	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Trichlorophenol[2,4,5-]	0.352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Nitroaniline[3-]	0.352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Perchlorate	0.125	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Silver	0.069	mg/kg	J
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Beryllium	0.576	mg/kg	None
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Nickel	3.99	mg/kg	None
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Antimony	0.0584	mg/kg	J-
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Thallium	0.0945	mg/kg	J
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Mercury	0.791	mg/kg	None
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Aluminum	7130	mg/kg	None
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Arsenic	4.45	mg/kg	None
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Barium	79.9	mg/kg	None
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Calcium	1820	mg/kg	None
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Chromium	9.55	mg/kg	None
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Copper	5.68	mg/kg	None
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Iron	8440	mg/kg	None
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Potassium	983	mg/kg	None
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Magnesium	1120	mg/kg	None
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Manganese	285	mg/kg	None
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Lead	22.6	mg/kg	None
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Selenium	0.441	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Zinc	51.6	mg/kg	None
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Cadmium	0.392	mg/kg	J
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Cobalt	3.46	mg/kg	None
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Sodium	173	mg/kg	None
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Vanadium	23.6	mg/kg	None
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Vanadium	13.8	mg/kg	None
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Americium-241	0.046	pCi/g	None
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Plutonium-238	0.00925	pCi/g	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Plutonium-239	0.186	pCi/g	None
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Aroclor-1260	0.0118	mg/kg	None
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Aroclor-1254	0.0096	mg/kg	None
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Aroclor-1221	0.0034	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Aroclor-1232	0.0034	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Aroclor-1248	0.0034	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Aroclor-1016	0.0034	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Aroclor-1242	0.0034	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Nitroaniline[4-]	0.338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Nitrophenol[4-]	0.338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Benzyl alcohol	0.338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Bromophenyl-phenylether[4-]	0.338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Azobenzene	0.0338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Dimethylphenol[2,4-]	0.338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Methylphenol[4-]	0.338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Dichlorobenzene[1,4-]	0.338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Chloroaniline[4-]	0.338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Phenol	0.338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Pyridine	0.338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Bis(2-chloroethyl)ether	0.338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Bis(2-chloroethoxy)methane	0.338	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Bis(2-ethylhexyl)phthalate	0.338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Di-n-octylphthalate	0.338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Hexachlorobenzene	0.338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Anthracene	0.0338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Trichlorobenzene[1,2,4-]	0.338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Dichlorophenol[2,4-]	0.338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Dinitrotoluene[2,4-]	0.338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Nitrosodiphenylamine[N-]	0.338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Pyrene	0.0202	mg/kg	J
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Dimethyl phthalate	0.338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Dibenzofuran	0.338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Benzo(g,h,i)perylene	0.0338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Indeno(1,2,3-cd)pyrene	0.0338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Benzo(b)fluoranthene	0.0338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Fluoranthene	0.0171	mg/kg	J
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Benzo(k)fluoranthene	0.0338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Acenaphthylene	0.0338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Chrysene	0.0338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Benzo(a)pyrene	0.0338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Dinitrophenol[2,4-]	0.677	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Dibenz(a,h)anthracene	0.0338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Dinitro-2-methylphenol[4,6-]	0.338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Dichlorobenzene[1,3-]	0.338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Benzo(a)anthracene	0.0338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Chloro-3-methylphenol[4-]	0.338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Dinitrotoluene[2,6-]	0.338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Aniline	0.338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Nitrosodimethylamine[N-]	0.338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Nitroso-di-n-propylamine[N-]	0.338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Benzoic acid	0.677	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Hexachloroethane	0.338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Chlorophenyl-phenyl[4-] ether	0.338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Hexachlorocyclopentadiene	0.338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Isophorone	0.338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Acenaphthene	0.0338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Diethylphthalate	0.338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Di-n-butylphthalate	0.338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Phenanthrene	0.0338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Butylbenzylphthalate	0.338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Fluorene	0.0338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Hexachlorobutadiene	0.338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Pentachlorophenol	0.338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Trichlorophenol[2,4,6-]	0.338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Nitroaniline[2-]	0.338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Nitrophenol[2-]	0.338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Naphthalene	0.0338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Methylnaphthalene[2-]	0.0338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Chloronaphthalene[2-]	0.0338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Dichlorobenzidine[3,3'-]	0.338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Methylphenol[2-]	0.338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Dichlorobenzene[1,2-]	0.338	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Chlorophenol[2-]	0.338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Trichlorophenol[2,4,5-]	0.338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Nitroaniline[3-]	0.338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Perchlorate	0.122	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Silver	0.0615	mg/kg	J
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Beryllium	0.645	mg/kg	None
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Nickel	5	mg/kg	None
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Antimony	0.402	mg/kg	UJ
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Thallium	0.117	mg/kg	None
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Mercury	0.203	mg/kg	None
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Aluminum	9120	mg/kg	None
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Arsenic	2.75	mg/kg	None
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Barium	79.9	mg/kg	None
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Calcium	1640	mg/kg	None
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Chromium	7.99	mg/kg	None
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Copper	6.68	mg/kg	None
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Iron	9860	mg/kg	None
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Potassium	1450	mg/kg	None
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Magnesium	1510	mg/kg	None
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Manganese	386	mg/kg	None
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Lead	16.7	mg/kg	None
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Selenium	0.695	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Zinc	38.5	mg/kg	None
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Cadmium	0.459	mg/kg	J
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Cobalt	3.4	mg/kg	None
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Sodium	108	mg/kg	None
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Americium-241	0.0429	pCi/g	None
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Plutonium-238	0.0138	pCi/g	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Plutonium-239	1.04	pCi/g	None
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Aroclor-1260	0.0039	mg/kg	None
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Aroclor-1254	0.0038	mg/kg	None
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Aroclor-1221	0.0034	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Aroclor-1232	0.0034	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Aroclor-1248	0.0034	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Aroclor-1016	0.0034	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Aroclor-1242	0.0034	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Nitroaniline[4-]	0.342	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Nitrophenol[4-]	0.342	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Benzyl alcohol	0.342	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Bromophenyl-phenylether[4-]	0.342	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Azobenzene	0.0342	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Dimethylphenol[2,4-]	0.342	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Methylphenol[4-]	0.342	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Dichlorobenzene[1,4-]	0.342	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Chloroaniline[4-]	0.342	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Diethylphthalate	0.342	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Di-n-butylphthalate	0.163	mg/kg	J
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Phenanthrene	0.0342	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Butylbenzylphthalate	0.342	mg/kg	UJ
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Fluorene	0.0342	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Hexachlorobutadiene	0.342	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Pentachlorophenol	0.342	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Trichlorophenol[2,4,6-]	0.342	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Nitroaniline[2-]	0.342	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Nitrophenol[2-]	0.342	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Naphthalene	0.0342	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Methylnaphthalene[2-]	0.0342	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Chloronaphthalene[2-]	0.0342	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Dichlorobenzidine[3,3'-]	0.342	mg/kg	UJ
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Methylphenol[2-]	0.342	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Dichlorobenzene[1,2-]	0.342	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Chlorophenol[2-]	0.342	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Trichlorophenol[2,4,5-]	0.342	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Nitroaniline[3-]	0.342	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Perchlorate	0.123	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Silver	0.0903	mg/kg	J
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Beryllium	0.693	mg/kg	None
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Nickel	5.58	mg/kg	None
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Antimony	0.132	mg/kg	J-
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Thallium	0.133	mg/kg	None
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Mercury	1.76	mg/kg	None
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Aluminum	8180	mg/kg	None
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Arsenic	2.86	mg/kg	None
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Barium	72.3	mg/kg	None
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Calcium	1410	mg/kg	None
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Chromium	10.1	mg/kg	None
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Copper	6.67	mg/kg	None
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Iron	9580	mg/kg	None
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Potassium	1180	mg/kg	None
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Magnesium	1320	mg/kg	None
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Manganese	329	mg/kg	None
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Lead	27.4	mg/kg	None
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Selenium	0.44	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Zinc	47.8	mg/kg	None
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Cadmium	0.608	mg/kg	None
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Cobalt	3.48	mg/kg	None
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Sodium	84.4	mg/kg	None
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Vanadium	15.9	mg/kg	None
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.342	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Phenol	0.342	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Pyridine	0.342	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Bis(2-chloroethyl)ether	0.342	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Bis(2-chloroethoxy)methane	0.342	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Bis(2-ethylhexyl)phthalate	0.342	mg/kg	UJ
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Di-n-octylphthalate	0.342	mg/kg	UJ
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Hexachlorobenzene	0.342	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Anthracene	0.0342	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Trichlorobenzene[1,2,4-]	0.342	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Dichlorophenol[2,4-]	0.342	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Dinitrotoluene[2,4-]	0.342	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Nitrosodiphenylamine[N-]	0.342	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Pyrene	0.0281	mg/kg	J

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Dimethyl phthalate	0.342	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Dibenzofuran	0.342	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Benzo(g,h,i)perylene	0.0342	mg/kg	UJ
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Indeno(1,2,3-cd)pyrene	0.0342	mg/kg	UJ
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Benzo(b)fluoranthene	0.0342	mg/kg	UJ
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Fluoranthene	0.0205	mg/kg	J
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Benzo(k)fluoranthene	0.0342	mg/kg	UJ
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Acenaphthylene	0.0342	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Chrysene	0.0342	mg/kg	UJ
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Benzo(a)pyrene	0.0342	mg/kg	UJ
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Dinitrophenol[2,4-]	0.684	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Dibenz(a,h)anthracene	0.0342	mg/kg	UJ
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Dinitro-2-methylphenol[4,6-]	0.342	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Dichlorobenzene[1,3-]	0.342	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Benzo(a)anthracene	0.0342	mg/kg	UJ
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Chloro-3-methylphenol[4-]	0.342	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Dinitrotoluene[2,6-]	0.342	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Aniline	0.342	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Nitrosodimethylamine[N-]	0.342	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Nitroso-di-n-propylamine[N-]	0.342	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Benzoic acid	0.684	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Hexachloroethane	0.342	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Chlorophenyl-phenyl[4-] ether	0.342	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Hexachlorocyclopentadiene	0.342	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Isophorone	0.342	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Acenaphthene	0.0342	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Americium-241	0.0492	pCi/g	
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Plutonium-238	0.0179	pCi/g	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Plutonium-239	0.3	pCi/g	None
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Aroclor-1260	0.0794	mg/kg	None
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Aroclor-1254	0.18	mg/kg	None
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Aroclor-1221	0.0174	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Aroclor-1232	0.0174	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Aroclor-1248	0.0174	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Aroclor-1016	0.0174	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Aroclor-1242	0.0174	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Nitroaniline[4-]	0.348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Nitrophenol[4-]	0.348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Benzyl alcohol	0.348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Bromophenyl-phenylether[4-]	0.348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Azobenzene	0.0348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Dimethylphenol[2,4-]	0.348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Methylphenol[4-]	0.348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Dichlorobenzene[1,4-]	0.348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Chloroaniline[4-]	0.348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Phenol	0.348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Pyridine	0.348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Bis(2-chloroethyl)ether	0.156	mg/kg	J
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Bis(2-chloroethoxy)methane	0.348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Bis(2-ethylhexyl)phthalate	0.348	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Di-n-octylphthalate	0.348	mg/kg	UJ
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Hexachlorobenzene	0.348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Anthracene	0.0348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Trichlorobenzene[1,2,4-]	0.348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Dichlorophenol[2,4-]	0.348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Dinitrotoluene[2,4-]	0.348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Nitrosodiphenylamine[N-]	0.348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Pyrene	0.0232	mg/kg	J
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Dimethyl phthalate	0.348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Dibenzofuran	0.348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Benzo(g,h,i)perylene	0.0348	mg/kg	UJ
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Indeno(1,2,3-cd)pyrene	0.0348	mg/kg	UJ
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Benzo(b)fluoranthene	0.0348	mg/kg	UJ
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Fluoranthene	0.0348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Benzo(k)fluoranthene	0.0348	mg/kg	UJ
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Acenaphthylene	0.0348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Chrysene	0.0348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Benzo(a)pyrene	0.0348	mg/kg	UJ
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Dinitrophenol[2,4-]	0.697	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Dibenz(a,h)anthracene	0.0348	mg/kg	UJ
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Dinitro-2-methylphenol[4,6-]	0.348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Dichlorobenzene[1,3-]	0.348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Benzo(a)anthracene	0.0348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Chloro-3-methylphenol[4-]	0.348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Dinitrotoluene[2,6-]	0.348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Aniline	0.348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Nitrosodimethylamine[N-]	0.348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Nitroso-di-n-propylamine[N-]	0.348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Benzoic acid	0.697	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Hexachloroethane	0.348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Chlorophenyl-phenyl[4-] ether	0.348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Hexachlorocyclopentadiene	0.348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Isophorone	0.348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Acenaphthene	0.0348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Diethylphthalate	0.348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Di-n-butylphthalate	0.348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Phenanthrene	0.0348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Butylbenzylphthalate	0.348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Fluorene	0.0348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Hexachlorobutadiene	0.348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Pentachlorophenol	0.348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Trichlorophenol[2,4,6-]	0.348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Nitroaniline[2-]	0.348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Nitrophenol[2-]	0.348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Naphthalene	0.0348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Methylnaphthalene[2-]	0.0348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Chloronaphthalene[2-]	0.0348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Dichlorobenzidine[3,3'-]	0.348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Methylphenol[2-]	0.348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Dichlorobenzene[1,2-]	0.348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Chlorophenol[2-]	0.348	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Trichlorophenol[2,4,5-]	0.348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Nitroaniline[3-]	0.348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Perchlorate	0.314	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Silver	0.109	mg/kg	J
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Beryllium	0.763	mg/kg	None
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Nickel	4.23	mg/kg	None
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Antimony	0.413	mg/kg	UJ
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Thallium	0.121	mg/kg	None
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Mercury	1.7	mg/kg	None
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Aluminum	6470	mg/kg	None
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Arsenic	2.3	mg/kg	None
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Barium	65	mg/kg	None
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Calcium	2240	mg/kg	None
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Chromium	6.53	mg/kg	None
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Copper	6.31	mg/kg	None
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Iron	7210	mg/kg	None
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Potassium	999	mg/kg	None
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Magnesium	1240	mg/kg	None
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Manganese	277	mg/kg	None
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Lead	16.9	mg/kg	None
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Selenium	0.499	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Zinc	50.4	mg/kg	None
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Cadmium	0.478	mg/kg	J
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Cobalt	2.14	mg/kg	None
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Sodium	83.3	mg/kg	None
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Vanadium	12.7	mg/kg	None
21-02-21267	MD21-02-49598	0.5–1	ALLH	Silver	0.0635	mg/kg	J
21-02-21267	MD21-02-49598	0.5–1	ALLH	Beryllium	0.722	mg/kg	None
21-02-21267	MD21-02-49598	0.5–1	ALLH	Nickel	4.24	mg/kg	None
21-02-21267	MD21-02-49598	0.5–1	ALLH	Antimony	0.417	mg/kg	UJ
21-02-21267	MD21-02-49598	0.5–1	ALLH	Calcium	2010	mg/kg	None
21-02-21267	MD21-02-49598	0.5–1	ALLH	Mercury	0.261	mg/kg	None
21-02-21267	MD21-02-49598	0.5–1	ALLH	Copper	4.49	mg/kg	None
21-02-21267	MD21-02-49598	0.5–1	ALLH	Iron	7900	mg/kg	None
21-02-21267	MD21-02-49598	0.5–1	ALLH	Potassium	1110	mg/kg	None
21-02-21267	MD21-02-49598	0.5–1	ALLH	Magnesium	1350	mg/kg	None
21-02-21267	MD21-02-49598	0.5–1	ALLH	Manganese	267	mg/kg	None
21-02-21267	MD21-02-49598	0.5–1	ALLH	Lead	10.7	mg/kg	None
21-02-21267	MD21-02-49598	0.5–1	ALLH	Selenium	0.403	mg/kg	U
21-02-21267	MD21-02-49598	0.5–1	ALLH	Zinc	33.6	mg/kg	None
21-02-21267	MD21-02-49598	0.5–1	ALLH	Cadmium	0.422	mg/kg	J
21-02-21267	MD21-02-49598	0.5–1	ALLH	Cobalt	2.53	mg/kg	None
21-02-21267	MD21-02-49598	0.5–1	ALLH	Sodium	88.8	mg/kg	None
21-02-21267	MD21-02-49598	0.5–1	ALLH	Perchlorate	0.126	mg/kg	U
21-02-21267	MD21-02-49598	0.5–1	ALLH	Vanadium	14.9	mg/kg	None
21-02-21267	MD21-02-49598	0.5–1	ALLH	Aluminum	7350	mg/kg	None
21-02-21267	MD21-02-49598	0.5–1	ALLH	Arsenic	2.71	mg/kg	None
21-02-21267	MD21-02-49598	0.5–1	ALLH	Barium	58.9	mg/kg	None
21-02-21267	MD21-02-49598	0.5–1	ALLH	Thallium	0.111	mg/kg	None
21-02-21267	MD21-02-49598	0.5–1	ALLH	Chromium	5.9	mg/kg	None
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Americium-241	0.0433	pCi/g	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Plutonium-238	0.0178	pCi/g	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Plutonium-239	1.3	pCi/g	None
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Aroclor-1260	0.267	mg/kg	None
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Aroclor-1254	0.558	mg/kg	None
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Aroclor-1221	0.0682	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Aroclor-1232	0.0682	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Aroclor-1248	0.0682	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Aroclor-1016	0.0682	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Aroclor-1242	0.0682	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Nitroaniline[4-]	0.341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Nitrophenol[4-]	0.341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Benzyl alcohol	0.341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Bromophenyl-phenylether[4-]	0.341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Azobenzene	0.0341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Dimethylphenol[2,4-]	0.341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Methylphenol[4-]	0.341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Dichlorobenzene[1,4-]	0.341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Chloroaniline[4-]	0.341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Phenol	0.341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Pyridine	0.341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Bis(2-chloroethyl)ether	0.341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Bis(2-chloroethoxy)methane	0.341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Bis(2-ethylhexyl)phthalate	0.341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Di-n-octylphthalate	0.341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Hexachlorobenzene	0.341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Anthracene	0.0341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Trichlorobenzene[1,2,4-]	0.341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Dichlorophenol[2,4-]	0.341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Dinitrotoluene[2,4-]	0.341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Nitrosodiphenylamine[N-]	0.341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Pyrene	0.0341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Dimethyl phthalate	0.341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Dibenzofuran	0.341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Benzo(g,h,i)perylene	0.0341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Indeno(1,2,3-cd)pyrene	0.0341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Benzo(b)fluoranthene	0.0341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Fluoranthene	0.0341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Benzo(k)fluoranthene	0.0341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Acenaphthylene	0.0341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Chrysene	0.0341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Benzo(a)pyrene	0.0341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Dinitrophenol[2,4-]	0.682	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Dibenz(a,h)anthracene	0.0341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Dinitro-2-methylphenol[4,6-]	0.341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Dichlorobenzene[1,3-]	0.341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Benzo(a)anthracene	0.0341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Chloro-3-methylphenol[4-]	0.341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Dinitrotoluene[2,6-]	0.341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Aniline	0.341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Nitrosodimethylamine[N-]	0.341	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Nitroso-di-n-propylamine[N-]	0.341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Benzoic acid	0.682	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Hexachloroethane	0.341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Chlorophenyl-phenyl[4-] ether	0.341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Hexachlorocyclopentadiene	0.341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Isophorone	0.341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Acenaphthene	0.0341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Diethylphthalate	0.341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Di-n-butylphthalate	0.341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Phenanthrene	0.0341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Butylbenzylphthalate	0.341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Fluorene	0.0341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Hexachlorobutadiene	0.341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Pentachlorophenol	0.341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Trichlorophenol[2,4,6-]	0.341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Nitroaniline[2-]	0.341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Nitrophenol[2-]	0.341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Naphthalene	0.0341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Methylnaphthalene[2-]	0.0341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Chloronaphthalene[2-]	0.0341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Dichlorobenzidine[3,3'-]	0.341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Methylphenol[2-]	0.341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Dichlorobenzene[1,2-]	0.341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Chlorophenol[2-]	0.341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Trichlorophenol[2,4,5-]	0.341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Nitroaniline[3-]	0.341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Perchlorate	0.123	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Silver	0.125	mg/kg	J
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Beryllium	0.681	mg/kg	None
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Nickel	4.69	mg/kg	None
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Antimony	0.408	mg/kg	UJ
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Thallium	0.117	mg/kg	None
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Mercury	2.91	mg/kg	None
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Aluminum	8770	mg/kg	None
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Arsenic	3.26	mg/kg	None
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Barium	146	mg/kg	None
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Calcium	2630	mg/kg	None
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Chromium	12.9	mg/kg	None
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Copper	8.42	mg/kg	None
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Iron	9500	mg/kg	None
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Potassium	1410	mg/kg	None
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Magnesium	1670	mg/kg	None
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Manganese	458	mg/kg	None
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Lead	33	mg/kg	None
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Selenium	0.323	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Zinc	108	mg/kg	None
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Cadmium	0.683	mg/kg	None
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Cobalt	2.95	mg/kg	None
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Sodium	121	mg/kg	None
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Vanadium	18.4	mg/kg	None
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Americium-241	0.0826	pCi/g	None

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Plutonium-238	0.0149	pCi/g	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Plutonium-239	2.56	pCi/g	None
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Aroclor-1260	0.667	mg/kg	None
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Aroclor-1254	1.51	mg/kg	None
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Aroclor-1221	0.136	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Aroclor-1232	0.136	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Aroclor-1248	0.136	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Aroclor-1016	0.136	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Aroclor-1242	0.136	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Nitroaniline[4-]	0.341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Nitrophenol[4-]	0.341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Benzyl alcohol	0.341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Bromophenyl-phenylether[4-]	0.341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Azobenzene	0.0341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Dimethylphenol[2,4-]	0.341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Methylphenol[4-]	0.341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Dichlorobenzene[1,4-]	0.341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Chloroaniline[4-]	0.341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Phenol	0.341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Pyridine	0.341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Bis(2-chloroethyl)ether	0.341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Bis(2-chloroethoxy)methane	0.341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Bis(2-ethylhexyl)phthalate	0.341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Di-n-octylphthalate	0.341	mg/kg	UJ
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Hexachlorobenzene	0.341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Anthracene	0.0341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Trichlorobenzene[1,2,4-]	0.341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Dichlorophenol[2,4-]	0.341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Dinitrotoluene[2,4-]	0.341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Nitrosodiphenylamine[N-]	0.341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Pyrene	0.0583	mg/kg	None
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Dimethyl phthalate	0.341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Dibenzofuran	0.341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Benzo(g,h,i)perylene	0.0341	mg/kg	UJ
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Indeno(1,2,3-cd)pyrene	0.0341	mg/kg	UJ
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Benzo(b)fluoranthene	0.0341	mg/kg	UJ
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Fluoranthene	0.0332	mg/kg	J
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Benzo(k)fluoranthene	0.0341	mg/kg	UJ
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Acenaphthylene	0.0341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Chrysene	0.0341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Benzo(a)pyrene	0.0341	mg/kg	UJ
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Dinitrophenol[2,4-]	0.683	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Dibenz(a,h)anthracene	0.0341	mg/kg	UJ
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Dinitro-2-methylphenol[4,6-]	0.341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Dichlorobenzene[1,3-]	0.341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Benzo(a)anthracene	0.0341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Chloro-3-methylphenol[4-]	0.341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Dinitrotoluene[2,6-]	0.341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Aniline	0.341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Nitrosodimethylamine[N-]	0.341	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Nitroso-di-n-propylamine[N-]	0.341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Benzoic acid	0.683	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Hexachloroethane	0.341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Chlorophenyl-phenyl[4-] ether	0.341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Hexachlorocyclopentadiene	0.341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Isophorone	0.341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Acenaphthene	0.0341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Diethylphthalate	0.0229	mg/kg	J
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Di-n-butylphthalate	0.0497	mg/kg	J
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Phenanthrene	0.0363	mg/kg	None
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Butylbenzylphthalate	0.341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Fluorene	0.0341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Hexachlorobutadiene	0.341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Pentachlorophenol	0.341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Trichlorophenol[2,4,6-]	0.341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Nitroaniline[2-]	0.341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Nitrophenol[2-]	0.341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Naphthalene	0.0341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Methylnaphthalene[2-]	0.0341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Chloronaphthalene[2-]	0.0341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Dichlorobenzidine[3,3'-]	0.341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Methylphenol[2-]	0.341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Dichlorobenzene[1,2-]	0.341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Chlorophenol[2-]	0.341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Trichlorophenol[2,4,5-]	0.341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Nitroaniline[3-]	0.341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Perchlorate	0.123	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Silver	0.348	mg/kg	None
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Beryllium	0.681	mg/kg	None
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Nickel	5.54	mg/kg	None
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Antimony	0.139	mg/kg	J-
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Thallium	0.129	mg/kg	None
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Mercury	11.5	mg/kg	None
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Aluminum	9070	mg/kg	None
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Arsenic	6.75	mg/kg	None
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Barium	238	mg/kg	None
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Calcium	2490	mg/kg	None
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Chromium	36.8	mg/kg	None
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Copper	18.8	mg/kg	None
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Iron	9800	mg/kg	None
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Potassium	1360	mg/kg	None
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Magnesium	1530	mg/kg	None
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Manganese	345	mg/kg	None
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Lead	91.5	mg/kg	None
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Selenium	0.455	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Zinc	231	mg/kg	None
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Cadmium	1.13	mg/kg	None
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Cobalt	3.31	mg/kg	None
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Sodium	81.6	mg/kg	None
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Vanadium	34.9	mg/kg	None

Table D-3.0-1
Waste Data for Inorganic Chemicals in Septic Tank Contents (SWMU 21-024(i)

Analyte	Sample ID	Location_ID	Reporting Units	Key ID	Requst Num	Method Code	Sample Type Code	Matrix Unified	Sample Results	Lab Qualifier
Beryllium	0121-97-0901	21-05111	mg/kg	2385805	2924	METTAL	Sample	Soil	0.927	U[a]
Cadmium	0121-97-0901	21-05111	µg/L	2385863	2924	METTCLP	Sample		329	
Calcium	0121-97-0901	21-05111	mg/kg	2385807	2924	METTAL	Sample	Soil	19400	
Cobalt	0121-97-0901	21-05111	mg/kg	2385809	2924	METTAL	Sample	Soil	34	
Copper	0121-97-0901	21-05111	mg/kg	2385810	2924	METTAL	Sample	Soil	4860	
Lead	0121-97-0901	21-05111	µg/L	2385865	2924	METTCLP	Sample		1410	
Magnesium	0121-97-0901	21-05111	mg/kg	2385813	2924	METTAL	Sample	Soil	2450	
Mercury	0121-97-0901	21-05111	µg/L	2385878	2924	METTCLP	Sample		1	
Nickel	0121-97-0901	21-05111	mg/kg	2385815	2924	METTAL	Sample	Soil	193	*[b]
Selenium	0121-97-0901	21-05111	µg/L	2385866	2924	METTCLP	Sample		100	U
Sodium	0121-97-0901	21-05111	mg/kg	2385818	2924	METTAL	Sample	Soil	414	B[c]
Arsenic	0121-97-1336	NA	mg/kg	2638715	3297R	METTAL	Sample	Soil	86.7	
Arsenic	0121-97-1336	NA	µg/L	2638861	3297R	METTCLP	Sample	Water	460	
Barium	0121-97-1336	NA	µg/L	2638862	3297R	METTCLP	Sample	Water	2120	
Cobalt	0121-97-1336	NA	mg/kg	2638721	3297R	METTAL	Sample	Soil	19.6	B
Iron	0121-97-1336	NA	mg/kg	2638723	3297R	METTAL	Sample	Soil	23600	
Manganese	0121-97-1336	NA	mg/kg	2638748	3297R	METTAL	Dup.	Soil	186.5307	
Selenium	0121-97-1336	NA	mg/kg	2638751	3297R	METTAL	Dup.	Soil	2.8108	
Vanadium	0121-97-1336	NA	mg/kg	2638755	3297R	METTAL	Dup.	Soil	342.2654	
Chromium, total	0121-97-1337	NA	mg/kg	2638780	3297R	METTAL	Sample	Soil	477	
Chromium, total	0121-97-1337	NA	µg/L	2638885	3297R	METTCLP	Sample	Water	43.5	B
Potassium	0121-97-1337	NA	mg/kg	2638788	3297R	METTAL	Sample	Soil	1400	B
Thallium	0121-97-1337	NA	mg/kg	2638792	3297R	METTAL	Sample	Soil	2.2	U
Aluminum	0121-97-1338	NA	mg/kg	2638795	3297R	METTAL	Sample	Soil	23800	
Cadmium	0121-97-1338	NA	mg/kg	2638800	3297R	METTAL	Sample	Soil	104	N[d]
Mercury	0121-97-1338	NA	mg/kg	2638845	3297R	METTAL	Sample	Soil	826	
Silver	0121-97-1338	NA	mg/kg	2638812	3297R	METTAL	Sample	Soil	212	N*
Antimony	0121-97-1339	NA	mg/kg	2638818	3297R	METTAL	Sample	Soil	183	
Barium	0121-97-1339	NA	mg/kg	2638820	3297R	METTAL	Sample	Soil	6040	
Lead	0121-97-1339	NA	mg/kg	2638828	3297R	METTAL	Sample	Soil	8180	
Silver	0121-97-1339	NA	µg/L	2638902	3297R	METTCLP	Sample	Water	7	U
Zinc	0121-97-1339	NA	mg/kg	2638838	3297R	METTAL	Sample	Soil	7500	
Aluminum	0121-97-1340	NA	µg/L	2758963	3356R	METTAL	Sample	Water	1780	*
Antimony	0121-97-1340	NA	µg/L	2758964	3356R	METTAL	Sample	Water	39.9	B
Arsenic	0121-97-1340	NA	µg/L	2758943	3356R	METTAL	Sample	Water	22.3	
Barium	0121-97-1340	NA	µg/L	2758965	3356R	METTAL	Sample	Water	298	
Beryllium	0121-97-1340	NA	µg/L	2758966	3356R	METTAL	Sample	Water	0.27	B
Cadmium	0121-97-1340	NA	µg/L	2758984	3356R	METTAL	Dup.	Water	2.5	U
Calcium	0121-97-1340	NA	µg/L	2758985	3356R	METTAL	Dup.	Water	119856.9	*
Chromium, total	0121-97-1340	NA	µg/L	2776021	3356R	METTAL	Sample	Water	28.7	B
Cobalt	0121-97-1340	NA	µg/L	2758969	3356R	METTAL	Sample	Water	22.6	*
Copper	0121-97-1340	NA	µg/L	2758970	3356R	METTAL	Sample	Water	101	*
Iron	0121-97-1340	NA	µg/L	2758971	3356R	METTAL	Sample	Water	5320	
Lead	0121-97-1340	NA	µg/L	2758944	3356R	METTAL	Sample	Water	41	
Magnesium	0121-97-1340	NA	µg/L	2758972	3356R	METTAL	Sample	Water	7540	
Manganese	0121-97-1340	NA	µg/L	2758973	3356R	METTAL	Sample	Water	489	
Mercury	0121-97-1340	NA	µg/L	2759190	3356R	METTAL	Dup.	Water	21.6	

Table D-3.0-1 (cont.)

Analyte	Sample ID	Location_ID	Reporting Units	Key ID	Requst Num	Method Code	Sample Type Code	Matrix Unified	Sample Results	Lab Qualifier
Nickel	0121-97-1340	NA	µg/L	2758974	3356R	METTAL	Sample	Water	212	
Potassium	0121-97-1340	NA	µg/L	2758992	3356R	METTAL	Dup.	Water	30403.92	U
Selenium	0121-97-1340	NA	µg/L	2758945	3356R	METTAL	Sample	Water	16	U
Silver	0121-97-1340	NA	µg/L	2758993	3356R	METTAL	Dup.	Water	8.8	
Sodium	0121-97-1340	NA	µg/L	2758994	3356R	METTAL	Dup.	Water	75352.24	
Sulfate	0121-97-1340	NA	mg/L	3437716	3366R	TOTAL S	Dup.	Water	229	U
Thallium	0121-97-1340	NA	µg/L	2758950	3356R	METTAL	Dup.	Water	0.9	
Vanadium	0121-97-1340	NA	µg/L	2758978	3356R	METTAL	Sample	Water	61.6	*
Zinc	0121-97-1340	NA	µg/L	2758979	3356R	METTAL	Sample	Water	436	
pH	0121-97-1458		SU	3266783	3897R	pH	Sample	Soil	6.9	*

[a] U = analyte was analyzed for but not detected, and the reported value is the sample-specific estimated quantitation limit or detection limit.

[b] * = Duplicate analysis not within control limits.

[c] B = Reported value was obtained from a reading that was less the the estimated detection limis, but greater than or equal to the instrument detection limit.

[d] N =Spiked sample recovery not within control limits.

Table D-3.0-2
Waste Data for Radiological Chemicals in Septic Tank Contents (SWMU 21-024(i)

Analyte	Sample ID	Location ID	Matrix Unified	Units	Std Result	Lab Qualifier
Cesium-137	0121-97-0901	21-05111	Soil	pCi/g	0.442	
Plutonium-238	0121-97-0901	21-05111	Soil	pCi/g	0.066	
Plutonium-239, -240	0121-97-0901	21-05111	Soil	pCi/g	4.05	
Uranium-234	0121-97-0901	21-05111	Soil	pCi/g	872	
Uranium235, -236	0121-97-0901	21-05111	Soil	pCi/g	31.5	
Uranium-238	0121-97-0901	21-05111	Soil	pCi/g	142	
Actinium-228	0121-97-1336	NA	Sludge	pCi/g	2.62	
Americium-241	0121-97-1336	NA	Sludge	pCi/g	0.893	
Barium-140	0121-97-1336	NA	Sludge	pCi/g	0.761	
Bismuth-214	0121-97-1336	NA	Sludge	pCi/g	1.4	
Gross Alpha Radiation	0121-97-1336	NA	Sludge	pCi/g	823	
Gross Beta Radiation	0121-97-1336	NA	Sludge	pCi/g	283	
Ruthenium-106	0121-97-1336	NA	Sludge	pCi/g	0.445	
Thorium-228	0121-97-1336	NA	Sludge	pCi/g	4.97	
Tin-113	0121-97-1336	NA	Sludge	pCi/g	0.064	
Bismuth-212	0121-97-1337	NA	Sludge	pCi/g	1.7	
Lanthanum-140	0121-97-1337	NA	Sludge	pCi/g	17.6	
Cadmium-109	0121-97-1338	NA	Sludge	pCi/g	33.9	
Cobalt-60	0121-97-1338	NA	Sludge	pCi/g	0.093	
Protactinium-234M	0121-97-1338	NA	Sludge	pCi/g	111	
Selenium-75	0121-97-1338	NA	Sludge	pCi/g	0.023	
Tritium	0121-97-1338	NA	Soil	pCi/g	198000	
Uranium-235	0121-97-1338	NA	Sludge	pCi/g	13.6	
Zinc-65	0121-97-1338	NA	Sludge	pCi/g	0.053	
Bismuth-211	0121-97-1339	NA	Sludge	pCi/g	234	
Cobalt-57	0121-97-1339	NA	Sludge	pCi/g	3.49	
Gross Gamma Radiation	0121-97-1339	NA	Sludge	pCi/g	487.326	
Lead-211	0121-97-1339	NA	Sludge	pCi/g	299	
Lead-214	0121-97-1339	NA	Sludge	pCi/g	4.8	
Neptunium-237	0121-97-1339	NA	Sludge	pCi/g	57.4	
Protactinium-231	0121-97-1339	NA	Sludge	pCi/g	190	

Table D-3.0-2 (cont.)

Analyte	Sample ID	Location ID	Matrix Unified	Units	Std Result	Lab Qualifier
Protactinium-233	0121-97-1339	NA	Sludge	pCi/g	4.1	
Radium-223	0121-97-1339	NA	Sludge	pCi/g	239	
Radium-226	0121-97-1339	NA	Sludge	pCi/g	182	S [a]
Radon-219	0121-97-1339	NA	Sludge	pCi/g	238	
Thorium-227	0121-97-1339	NA	Sludge	pCi/g	294	
Thorium-230	0121-97-1339	NA	Sludge	pCi/g	2.81	
Thorium-234	0121-97-1339	NA	Sludge	pCi/g	279	
Yttrium-88	0121-97-1339	NA	Sludge	pCi/g	0.783	
Actinium-228	0121-97-1340	NA	Water	pCi/g	3.56	
Americium-241	0121-97-1340	NA	Water	pCi/g	4.73	
Barium-140	0121-97-1340	NA	Water	pCi/L	1.96	
Bismuth-211	0121-97-1340	NA	Water	pCi/L	15	
Bismuth-212	0121-97-1340	NA	Water	pCi/g	9.86	
Bismuth-214	0121-97-1340	NA	Water	pCi/L	1.4	
Cadmium-109	0121-97-1340	NA	Water	pCI/L	23.2	
Cesium-137	0121-97-1340	NA	Water	pCi/g	1.3	
Cobalt-57	0121-97-1340	NA	Water	pCi/g	0.619	
Cobalt-60	0121-97-1340	NA	Water	pCi/L	1.87	
Europium-152	0121-97-1340	NA	Water	pCi/g	1.92	
Europium-152	0121-97-1340	NA	Water	pCi/L	2.53	
Lanthanum-140	0121-97-1340	NA	Water	pCi/g	5.76	
Lead-211	0121-97-1340	NA	Water	pCi/L	7.48	
Lead-214	0121-97-1340	NA	Water	pCi/L	3.41	
Mercury-203	0121-97-1340	NA	Water	pCi/g	2.37	* [b]
Protactinium-231	0121-97-1340	NA	Water	pCi/g	28.3	
Protactinium-233	0121-97-1340	NA	Water	pCi/L	1.05	
Protactinium-234M	0121-97-1340	NA	Water	pCi/L	537	*
Radium-223	0121-97-1340	NA	Water	pCi/g	2.58	
Radium-226	0121-97-1340	NA	Water	pCi/L	57.6	
Radon-219	0121-97-1340	NA	Water	pCi/L	18.2	
Ruthenium-106	0121-97-1340	NA	Water	pCi/g	12.2	
Selenium-75	0121-97-1340	NA	Water	pCi/L	0.829	
Thorium-227	0121-97-1340	NA	Water	pCi/g	3.8	
Thorium-230	0121-97-1340	NA	Water	pCi/L	36.6	
Tritium	0121-97-1340	NA	Water	pCi/L	4.02	
Uranium-234	0121-97-1340	NA	Water	pCi/L	9.2	
Uranium-235	0121-97-1340	NA	Water	pCi/L	4.32	
Uranium-238	0121-97-1340	NA	Water	pCi/L	1.9	
Yttrium-88	0121-97-1340	NA	Water	pCi/L	3.63	
Zinc-65	0121-97-1340	NA	Water	pCi/L	4.32	*

[a] S = Spectral interference; data is of questionable quality.

[b] * = Duplicate analysis not within control limits.

Table D-3.0-3
Waste Data for Organic Chemicals in Septic Tank Contents (SWMU 21-024(i)

Analyte	Location ID	Matrix Unified	Analyte Code	Sample Results	Reporting Units	Std Result	Std Reporting Units	Lab Qualifier
Acetone	21-05111	Soil	67-64-1	83	µg/kg	0.083	mg/kg	
Benzene	21-05111	Soil	71-43-2	76,000	µg/kg	76	mg/kg	
Benzo(a)anthracene	21-05111	Soil	56-55-3	510	µg/kg	0.51	mg/kg	J[a]
Benzo(a)pyrene	21-05111	Soil	50-32-8	550	µg/kg	0.55	mg/kg	J
Benzo(b)fluoranthene	21-05111	Soil	205-99-2	810	µg/kg	0.81	mg/kg	J
Benzo(k)fluoranthene	21-05111	Soil	207-08-9	340	µg/kg	0.34	mg/kg	J

Table D-3.0-3 (cont.)

Analyte	Location ID	Matrix Unified	Analyte Code	Sample Results	Reporting Units	Std Result	Std Reporting Units	Lab Qualifier
Bis(2-ethylhexyl)phthalate	21-05111	Soil	117-81-7	2400	µg/kg	2.4	mg/kg	J
Butylbenzene[n-]	21-05111	Soil	104-51-8	58	µg/kg	0.058	mg/kg	
Butylbenzene[sec-]	21-05111	Soil	135-98-8	31	µg/kg	0.031	mg/kg	
Chlorobenzene	21-05111	Soil	108-90-7	270000	µg/kg	270	mg/kg	
Chrysene	21-05111	Soil	218-01-9	670	µg/kg	0.67	mg/kg	J
Dichlorobenzene[1,3-]	21-05111	Soil	541-73-1	540	µg/kg	0.54	mg/kg	
Dichlorobenzene[1,4-]	21-05111	Soil	106-46-7	3400	µg/kg	3.4	mg/kg	
Dichlorobenzene[1,4-]	21-05111	Soil	106-46-7	490	µg/kg	0.49	mg/kg	
Di-n-butylphthalate	21-05111	Soil	84-74-2	4400	µg/kg	4.4	mg/kg	
Ethylbenzene	21-05111	Soil	100-41-4	270	µg/kg	0.27	mg/kg	
Fluoranthene	21-05111	Soil	206-44-0	1100	µg/kg	1.1	mg/kg	J
Isopropylbenzene	21-05111	Soil	98-82-8	40	µg/kg	0.04	mg/kg	
Isopropyltoluene[4-]	21-05111	Soil	99-87-6	220	µg/kg	0.22	mg/kg	
Methylene Chloride	21-05111	Soil	75-09-2	18	µg/kg	0.018	mg/kg	
Phenanthrene	21-05111	Soil	85-01-8	740	µg/kg	0.74	mg/kg	J
Propylbenzene[1-]	21-05111	Soil	103-65-1	45	µg/kg	0.045	mg/kg	
Pyrene	21-05111	Soil	129-00-0	990	µg/kg	0.99	mg/kg	J
Trichlorofluoromethane	21-05111	Soil	75-69-4	18	µg/kg	0.018	mg/kg	
Trimethylbenzene[1,2,4-]	21-05111	Soil	95-63-6	380	µg/kg	0.38	mg/kg	
Trimethylbenzene[1,3,5-]	21-05111	Soil	108-67-8	190	µg/kg	0.19	mg/kg	
Xylene (Total)	21-05111	Soil	1330-20-7	1400	µg/kg	1.4	mg/kg	
Acetone	NA	Sludge	67-64-1	5600	µg/kg	5.6	mg/kg	JB[b]
Benzene	NA	Water	71-43-2	13	µg/L	13	µg/L	J
Butanone[2-]	NA	Water	78-93-3	20	µg/L	20	µg/L	J
Chlorobenzene	NA	Sludge	108-90-7	46000	µg/kg	46	mg/kg	
Chlorobenzene	NA	Water	108-90-7	80	µg/L	80	µg/L	
Dichlorobenzene[1,4-]	NA	Water	106-46-7	43	µg/L	43	µg/L	J
Dichlorobenzene[1,4-]	NA	Sludge	106-46-7	93000	µg/kg	93	mg/kg	
Xylene (Total)	NA	Sludge	1330-20-7	4300	µg/kg	4.3	mg/kg	J
Acetone	NA	Sludge	67-64-1	3800	µg/kg	3.8	mg/kg	JB
Benzene	NA	Sludge	71-43-2	2100	µg/kg	2.1	mg/kg	J
Butanone[2-]	NA	Water	78-93-3	21	µg/L	21	µg/L	J
Chlorobenzene	NA	Sludge	108-90-7	82000	µg/kg	82	mg/kg	
Chlorobenzene	NA	Water	108-90-7	100	µg/L	100	µg/L	
Dichlorobenzene[1,4-]	NA	Water	106-46-7	27	µg/L	27	µg/L	J
Dichlorobenzene[1,4-]	NA	Sludge	106-46-7	51000	µg/kg	51	mg/kg	
Methylene Chloride	NA	Sludge	75-09-2	1600	µg/kg	1.6	mg/kg	J
Trimethylbenzene[1,2,4-]	NA	Sludge	95-63-6	2500	µg/kg	2.5	mg/kg	J
Xylene (Total)	NA	Sludge	1330-20-7	5700	µg/kg	5.7	mg/kg	
Acetone	NA	Sludge	67-64-1	24000	µg/kg	24	mg/kg	JB
Benzene	NA	Sludge	71-43-2	60000	µg/kg	60	mg/kg	
Benzene	NA	Water	71-43-2	350	µg/L	350	µg/L	
Bis(2-ethylhexyl)phthalate	NA	Soil	117-81-7	43000	µg/kg	43	mg/kg	
Butanone[2-]	NA	Water	78-93-3	27	µg/L	27	µg/L	J
Chlorobenzene	NA	Sludge	108-90-7	690000	µg/kg	690	mg/kg	
Chlorobenzene	NA	Water	108-90-7	1300	µg/L	1300	µg/L	
Dichlorobenzene[1,4-]	NA	Soil	106-46-7	40000	µg/kg	40	mg/kg	
Dichlorobenzene[1,4-]	NA	Water	106-46-7	22	µg/L	22	µg/L	J
Dichlorobenzene[1,4-]	NA	Sludge	106-46-7	26000	µg/kg	26	mg/kg	J
Di-n-butylphthalate	NA	Soil	84-74-2	97000	µg/kg	97	mg/kg	
Fluoranthene	NA	Soil	206-44-0	9000	µg/kg	9	mg/kg	J
Methylene Chloride	NA	Sludge	75-09-2	13000	µg/kg	13	mg/kg	J
Phenanthrene	NA	Soil	85-01-8	6200	µg/kg	6.2	mg/kg	J
Xylene (Total)	NA	Sludge	1330-20-7	19000	µg/kg	19	mg/kg	J

Table D-3.0-3 (cont.)

Analyte	Location ID	Matrix Unified	Analyte Code	Sample Results	Reporting Units	Std Result	Std Reporting Units	Lab Qualifier
Acetone	NA	Sludge	67-64-1	83000	µg/kg	83	mg/kg	JB
Benzene	NA	Sludge	71-43-2	160000	µg/kg	160	mg/kg	
Benzene	NA	Water	71-43-2	360	µg/L	360	µg/L	
Bis(2-ethylhexyl)phthalate	NA	Soil	117-81-7	14000	µg/kg	14	mg/kg	J
Chlorobenzene	NA	Sludge	108-90-7	1700000	µg/kg	1700	mg/kg	
Chlorobenzene	NA	Water	108-90-7	1700	µg/L	1700	µg/L	
Dichlorobenzene[1,4-]	NA	Soil	106-46-7	30000	µg/kg	30	mg/kg	J
Dichlorobenzene[1,4-]	NA	Water	106-46-7	26	µg/L	26	µg/L	J
Dichlorobenzene[1,4-]	NA	Sludge	106-46-7	87000	µg/kg	87	mg/kg	
Di-n-butylphthalate	NA	Soil	84-74-2	62000	µg/kg	62	mg/kg	J
Xylene (Total)	NA	Sludge	1330-20-7	56000	µg/kg	56	mg/kg	J
Acetone	NA	Water	67-64-1	13	µg/L	13	µg/L	JB
Benzene	NA	Water	71-43-2	6	µg/L	6	µg/L	
Benzo(a)anthracene	NA	Water	56-55-3	3	µg/L	3	µg/L	J
Benzoic Acid	NA	Water	65-85-0	7	µg/L	7	µg/L	J
Bis(2-ethylhexyl)phthalate	NA	Water	117-81-7	42	µg/L	42	µg/L	B
Butanone[2-]	NA	Water	78-93-3	5	µg/L	5	µg/L	J
Chlorobenzene	NA	Water	108-90-7	16	µg/L	16	µg/L	
Chrysene	NA	Water	218-01-9	4	µg/L	4	µg/L	J
Dichlorobenzene[1,4-]	NA	Water	106-46-7	6	µg/L	6	µg/L	J
Dichlorobenzene[1,4-]	NA	Water	106-46-7	5	µg/L	5	µg/L	J
Dimethylphenol[2,4-]	NA	Water	105-67-9	2	µg/L	2	µg/L	J
Di-n-butylphthalate	NA	Water	84-74-2	2	µg/L	2	µg/L	JB
Fluoranthene	NA	Water	206-44-0	9	µg/L	9	µg/L	J
Halides, Total Organic	NA	Water	TOX	41.9	µg/L	41.9	µg/L	
Methylene Chloride	NA	Water	75-09-2	13	µg/L	13	µg/L	B[c]
Pentachlorophenol	NA	Water	87-86-5	1	µg/L	1	µg/L	J
Phenanthrene	NA	Water	85-01-8	4	µg/L	4	µg/L	J
Phenol	NA	Water	108-95-2	2	µg/L	2	µg/L	J
Pyrene	NA	Water	129-00-0	13	µg/L	13	µg/L	
Aroclor-1254	NA	Soil	11097-69-1	35	µg/kg	35	mg/kg	
Aroclor-1254	NA	Soil	11097-69-1	30	µg/kg	30	mg/kg	

[a] J = Reported value should be regarded as estimated.

[b] JB = Value is less than EOL and is an estimated quantity.

[c] B = Reported value was obtained from a reading that was less the the estimated detection limit, but greater than or equal to the instrument detection limit.

Appendix E

Statistical Analysis

APPENDIX E STATISTICAL ANALYSIS

Statistical analysis was performed on the soil and tuff data for SWMU 21-024i. The data were segregated into eight different data sets in order to accommodate both human health and ecological risk needs. Three basic groupings apply: (1) Data from Area 3 were compiled for inorganic compounds, organic compounds, and radionuclides. Area 3 data represented depths of up to five feet. (2) Data in Areas 1 and 2 were used in combination, but separated category (inorganics, organics, and radionuclides). Areas 1 and 2 data represented depths of up to five feet. (3) Data from all areas (1, 2, and 3) were combined for analysis, again differentiated by category. The Areas 1, 2, and 3 data represented depth intervals of 0 to 5 ft and 0 to 12 ft separately. Table 1 summarizes the calculation of upper confidence intervals (UCLs).

Table 1

Area(s)	Group	0 to 5 ft	0 to 12 ft
1, 2 & 3	Inorganics	UCLs	UCLs
1, 2 & 3	Organics	UCLs	UCLs
1, 2 & 3	Rads	UCLs	UCLs
1 & 2	Inorganics	UCLs	NA
1 & 2	Rads	UCLs	NA
3	Inorganics	UCLs	NA
3	Organics	UCLs	NA
3	Rads	UCLs	NA

The statistical analysis to derive the UCLs employed a "round-robin" approach. Step one of the round-robin approach consists of a statistical distribution analysis. Data sets for each chemical and appropriate depth interval(s) were analyzed using EPA's DataQuest software. The DataQuest analysis applies five different statistical tests to evaluate if the data follow a normal distribution. The same five tests are also applied to see if the data can be considered lognormal. The result of a test is to either reject ("Fail") the assumption of normality or lognormality, or to "not reject" ("Pass") the assumption that the data follow a particular distribution. Results of the DataQuest distributional testing are provided in the tables at the end of this appendix.

If the data indicate that they follow a normal distribution, the Student *t* statistic is used to calculate the UCL. The Student's *t* statistic is a parametric approach to calculating confidence intervals around the population mean. Parametric approaches assume that the data follow a particular type of distribution. Because the true mean of the data population is not known, a confidence interval can be constructed that is designed to capture the true mean a specified percentage of the time, say 95 percent of the time. An upper confidence limit denotes the concentration value below which the true mean is expected to fall 95 percent of the time. The calculation uses the mean and standard deviation of the sample data, a statistical *t* value (derived from standard tables), and the number of samples in the data set. The equation to calculate the UCL of a population at a 100(1-α)% level of confidence using the Student's t statistic appears below.

$$UCL_{1-\alpha} = \left(\bar{x} + t_{1-\alpha,df=n-1}\right)\left(s_x / \sqrt{n}\right)$$

where $t_{1-\alpha,df=n-1}$ is the 100(1-α)th percentile of the *t* distribution with n-1 degrees of freedom. The value $t_{1-\alpha,df=n-1}$ is obtained from Table 6-2, p.146 of Myers (1997, 59388).

For a set of n sample values, x_1, x_2, x_n, the mean estimate is

$$\bar{x} = \frac{1}{n}\sum_{i=1}^{n} x_i$$

which represents the summation of all the samples divided by the number of samples.

Calculation of the 95% UCL uses the standard deviation of the sample data, calculated by

$$s_x = \left(\sum_{i=1}^{n} \frac{(x_i - \bar{x})^2}{n-1}\right)^{1/2}$$

As mentioned previously, use of the Student's t assumes that the data are normally distributed. If statistical tests for normality indicate that the data are not normal, then the value of the UCL calculated using the Student's t statistic is questionable.

If the data indicate that they follow a lognormal distribution, the UCL is calculated using the Land H statistic. The Land H statistic is a parametric approach that can be used to calculate a UCL if the data are lognormally distributed. The equation to calculate the UCL of a lognormal population is using the Land H statistic (Gilbert 1987, 55619, p. 169-171):

$$UCL_{1-\alpha} = \exp\left(\bar{y} + \frac{1}{2}s_y^2 + \frac{s_y H_{1-\alpha}}{\sqrt{n-1}}\right)$$

where y and s_y are the mean and standard deviation of the log-transformed data, respectively. The significance level, α, is set at 0.05. The H value is a function of the standard deviation s_y and is obtained from Table A-12, p.285 of Gilbert (1987, 55619), for $H_{1-\alpha}$.

Use of the Land H statistic is predicated on the assumption that the data are truly lognormal, not just skewed. If the data are not lognormal, unacceptable values of the UCL may result, such as the UCL being lower than the UCL calculated using the same data but using the Student's t statistic. In other cases, the Land H UCL results in a value greater than any observed sample, sometimes more than an order of magnitude more. Either of these results indicates a problem in the use of the Land H statistic. Due to these problems, EPA recommends highly that alternative methods be used to calculate the UCL of skewed data. Currently, EPA is recommending the Bootstrap statistic as an alternative to the Land H statistic.

Calculation of the Bootstrap Statistic

The bootstrap procedure is a nonparametric method to calculate UCLs. Starting with a sample data set of size n, the method randomly selects a value. This value is kept as a realization, but is also put back into the data set for potential selection again. The process continues (sampling "with replacement") until n samples have been selected. Selection of n samples is called a *trial*. The arithmetic average of the trial (n samples) is then calculated. A large number of trials, say 2000, is run, which produces a mean value and a variability of the mean. Using these values, a UCL can be calculated.

Being a nonparametric technique, the bootstrap approach does not assume any particular distribution. This eliminates the questionable distribution assumption required for the Student's t and the Land H

statistics. However, the bootstrap approach consistently produces the lowest UCL value of the three methods used, making it the least protective.

UCL Selection Algorithm

Each of the UCL calculation methods (Student's *t*, Land H, bootstrap) was used to calculate a UCL for each potential COPC in the designated Areas. The process for selecting the UCL value consists of several steps. First, the Land *H* UCL is compared to the Student's *t* UCL. If the Land *H* UCL is less than the Student's *t* UCL, then the Land *H* UCL is rejected as a possible UCL value since fundamental distributional assumptions are being violated. Similarly, the Land *H* UCL is compared to the maximum concentration observed in the sample data set. If the Land *H* UCL is greater than the maximum concentration in the data, then the Land *H* UCL is rejected as a possible UCL value.

At this point, either two or three UCLs remain as valid candidates for use in risk assessment. After these Land *H* screening tests are performed, the highest remaining UCL is selected to represent the sample data set. The selected UCL is then compared to the background value (BV). If the UCL is less than the BV, then the analyte is not retained as a COPC. If the UCL is equal to or greater than the BV, then the analyte is retained as a COPC.

Note that the Land *H* statistic is rejected quite often due to its irregular nature. In such cases, the remaining UCL possibilities are the Student's *t* and the bootstrap. However, as mentioned above, the bootstrap will almost certainly be the lowest UCL (i.e. least conservative). This means that the Student's *t* UCL is selected by default, even though distributional testing often indicates that the data are not normally distributed at a 95 percent level of confidence. This points to the following:

- Erratic behavior attributed to the Land H statistic eliminates it as a useful tool in many instances
- EPA's preferred option to the Land H (bootstrapping) is performed but never used
- A UCL value that is known to violate fundamental assumptions is commonly selected because the other two options are even worse

Using the round-robin approach to UCL calculation and selection, UCLs were obtained for the data sets and categories listed in Table 1. Tables detailing the results of the statistical analysis appear below.

Table 2

TA-21 024(i)										Distributional Testing									
Areas 1, 2, & 3: Inorganics 0 to 5 ft										Normal					Lognormal				
Analyte	n	% Above DL	95% UCL	BV	Status	Student's t	Land H	Boot-strap	Max. Data Value	C.V.	Fill.	Geary	S-K or S-W	Stud. Range	C.V.	Fill.	Geary	S-K or S-W	Stud. Range
Aluminum	24	100	10758			7019	10758	5333	25000	Fail	Fail	Pass	Fail	Pass	Pass	Pass	Pass	Pass	Pass
Antimony	47	53	4.99			2.28	4.99	1.87	11	Fail	Fail	Pass	Fail	Fail	Fail	Fail	Fail	Fail	Fail
Arsenic	24	100	3.75			3.33	3.75	2.84	8	Pass	Fail	Fail	Fail	Pass	Pass	Pass	Pass	Pass	Pass
Barium	24	100	96			66.3	96	51.5	235	Fail	Fail	Fail	Fail	Pass	Pass	Pass	Fail	Pass	Pass
Berylium	4	< data	< data	< data	< data	< data	< data	< data	< data	Pass	Pass	Fail	Pass	Fail	Pass	Pass	Fail	Pass	Fail
Cadmium	4	< data	< data	< data	< data	< data	< data	< data	< data	Pass	Fail	Fail	Fail	Fail	Pass	Fail	Fail	Fail	Fail
Calcium	24	100	14800			14800	13316	9080	74400	Fail	Fail	Fail	Fail	Pass	Pass	Fail	Fail	Fail	Pass
Chromium	65	100	13.15			12.17	13.15	10.2	45	Fail	Fail	Fail	Fail	Pass	Pass	Pass	Pass	Pass	Pass
Cobalt	24	17	2.35			1.9	2.35	1.56	6	Pass	Fail	Pass	Fail	Pass	Fail	Pass	Fail	Pass	Pass
Copper	69	97	8.327			7.33	8.327	6.44	22	Pass	Fail	Fail	Fail	Pass	Pass	Pass	Pass	Pass	Pass
Iron	4	< data	< data	< data	< data	< data	< data	< data	< data	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
Lead	69	100	29.83			29.83	28.73	24.2	144	Fail	Fail	Fail	Fail	Pass	Pass	Fail	Pass	Fail	Fail
Lithium	1	< data	< data	< data	< data	< data	< data	< data	< data	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	23	100	1992			1585	1992	1187	6440	Fail	Fail	Fail	Fail	Pass	Pass	Pass	Pass	Pass	Pass
Mercury	73	74	2.95			1.97	2.95	1.42	15	Fail	Fail	Fail	Fail	Pass	Fail	Fail	Pass	Fail	Fail
Molybdenum	1	< data	< data	< data	< data	< data	< data	< data	< data	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	24	83	6.222			5.214	6.222	4.31	15	Pass	Fail	Fail	Fail	Pass	Pass	Pass	Pass	Pass	Pass
Perchlorate	13	8						0.0940		Pass	Fail	Fail	Fail	Fail	Pass	Fail	Fail	Fail	Fail
Potassium	4	< data	< data	< data	< data	< data	< data	< data	< data	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
Selenium	24	46	0.563			0.546	0.563	0.514	1	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
Silver	69	22	0.98			0.62	0.98	0.550	1.15	Pass	Fail	Fail	Pass	Fail	Fail	Fail	Fail	Pass	Fail
Sodium	4	< data	< data	< data	< data	< data	< data	< data	< data	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
Strontium	1	< data	< data	< data	< data	< data	< data	< data	< data	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	69	52	0.667			0.52	0.667	0.442	1.5	Fail	Fail	Fail	Fail	Fail	Pass	Fail	Pass	Pass	Fail
Vanadium	24	100	12.12			9.25	12.12	7.34	28	Fail	Fail	Fail	Fail	Pass	Pass	Pass	Pass	Pass	Pass
Zinc	74	100	71			71	70	59.6	316	Fail	Fail	Fail	Fail	Pass	Pass	Fail	Pass	Fail	Fail

< data indicates insufficient data are available to calculate a plausible upper confidence interval (UCL)

Table 3

TA-21 024(i)										Distributional Testing									
Areas 1, 2, & 3: Inorganics 0 to 12 ft										Normal					Lognormal				
Analyte	n	% Above DL	95% UCL	BV	Status	Student's t	Land H	Boot-strap	Max. Data Value	C.V.	Fill.	Geary	S-K or S-W	Stud. Range	C.V.	Fill.	Geary	S-K or S-W	Stud. Range
Aluminum	35	100	8015			5712	8015	4413	25000	Fail	Fail	Fail	Fail	Pass	Pass	Pass	Pass	Pass	Pass
Antimony	58	50	4.37			2.46	4.37	1.97	11	Fail	Fail	Fail	Fail	Pass	Fail	Fail	Fail	Pass	Fail
Arsenic	35	100	3.72			2.76	3.72	2.37	8	Pass	Fail	Fail	Fail	Pass	Fail	Fail	Fail	Fail	Pass
Barium	35	100	89.3			67.2	89.3	51.6	271	Fail	Fail	Fail	Fail	Pass	Pass	Pass	Fail	Pass	Pass
Berylium	4	< data	< data	< data	< data	< data	< data	< data	< data	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	4	< data	< data	< data	< data	< data	< data	< data	< data	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	35	100	20260			19286	20260	12,502	123000	Fail	Fail	Fail	Fail	Pass	Pass	Fail	Pass	Fail	Pass
Chromium	80	100	12.42			11.67	12.42	10.1	45	Pass	Fail	Fail	Fail	Pass	Pass	Pass	Pass	Pass	Pass
Cobalt	35	23	1.69			1.53	1.69	1.26	6	Pass	Fail	Fail	Fail	Pass	Fail	Pass	Pass	Pass	Pass
Copper	84	93	7.401			6.45	7.401	5.67	22	Pass	Fail	Fail	Fail	Pass	Pass	Pass	Pass	Pass	Pass
Iron	4	< data	< data	< data	< data	< data	< data	< data	< data	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	86	100	25.66			25.66	24.03	21.2	144	Fail	Fail	Fail	Fail	Pass	Pass	Fail	Fail	Fail	Pass
Lithium	3	< data	< data	< data	< data	< data	< data	< data	< data	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	34	94	2365			1868	2365	1384	8840	Fail	Fail	Fail	Fail	Pass	Pass	Pass	Pass	Pass	Pass
Mercury	88	32	2.22			1.67	2.22	1.21	15	Fail	Fail	Fail	Fail	Pass	Pass	Fail	Pass	Fail	Fail
Molybdenum	3	< data	< data	< data	< data	< data	< data	< data	< data	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	35	80	6.639			5.644	6.639	4.83	15	Pass	Fail	Fail	Fail	Pass	Pass	Pass	Pass	Pass	Pass
Perchlorate	13	8						0.0930		Pass	Fail	Fail	Fail	Fail	Pass	Fail	Fail	Fail	Fail
Potassium	4	< data	< data	< data	< data	< data	< data	< data	< data	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	35	60	0.532			0.511	0.532	0.479	1	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
Silver	84	20	0.85			0.58	0.85	0.514	1.15	Pass	Fail	Fail	Pass	Fail	Pass	Fail	Fail	Pass	Fail
Sodium	4	< data	< data	< data	< data	< data	< data	< data	< data	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Strontium	3	< data	< data	< data	< data	< data	< data	< data	< data	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	84	46	0.562			0.47	0.562	0.400	1.5	Fail	Fail	Pass	Fail	Fail	Pass	Fail	Pass	Pass	Fail
Vanadium	35	86	8.29			7.25	8.29	5.82	28	Fail	Fail	Fail	Fail	Pass	Pass	Pass	Pass	Pass	Pass
Zinc	91	100	62			62	58	52.2	316	Fail	Fail	Fail	Fail	Pass	Pass	Fail	Pass	Fail	Fail

< data indicates that insufficient data are available to calculate a plausible upper confidence interval (UCL)

Table 4

TA-21 024(i) Areas 1, 2, & 3: Organics 0 to 5 ft										Distributional Testing									
										Normal					Lognormal				
Analyte	n	% Above DL	95% UCL	BV	Status	Student's t	Land H	Boot-strap	Max. Data Value	C.V.	Fill.	Geary	S-K or S-W	Stud. Range	C.V.	Fill.	Geary	S-K or S-W	Stud. Range
Acenaphthene	24	8	0.286			0.140	0.286	0.11	0.390										
Acetone	15	40	0.0556			0.0462	0.0556	0.034	0.140										
Arsenic	NA	NA	NA	NA	NA	NA	NA	NA	NA										
Anthracene	24	8	0.286			0.140	0.286	0.111	0.390										
Aroclor-1254	44	32	0.196			0.196	0.173	0.131	1.51										
Aroclor-1260	20	55	0.178			0.178	0.799	0.124	0.670										
Benzidine	2	< data	< data	< data	< data	< data	< data	< data	< data										
Benzoic Acid	25	28	1.87			1.57	1.87	1.444	2.00										
Bis(2-chloroethyl)ether	20	5	0.179			0.178	0.179	0.176	0.190										
Butanone[2-]	15	27	0.020			0.0151	0.020	0.012	0.036										
DDT[4,4'-]	7	< data	< data	< data	< data	< data	< data	< data	< data										
Diethylphthalate	19	5	0.183			0.183	0.233	0.171	0.190										
Di-n-butylphthalate	20	21	0.176			0.176	0.222	0.160	0.190										
Fluoranthene	25	32	0.364			0.177	0.364	0.139	0.570										
Phenanthrene	25	20	0.375			0.182	0.375	0.139	0.660										
Pyrene	25	52	0.287			0.173	0.287	0.137	0.520										
Tetrachloroethene	11	0	0.0577			0.0474	0.0577	0.027	0.176										
Toluene	15	7	0.00452			0.00365	0.00452	0.00326	0.006										
Trichlorobenzene[1,2,3-]	NA	NA	NA	NA	NA	NA	NA	NA	NA										
Trichlorofluoromethane	10	20	0.00675			0.00675	0.0108	0.00591	0.007										
Trimethylbenzene[1,2,4-]	15	33	0.00598			0.00504	0.00598	0.0042	0.007										

NA indicates that no data are available

< data indicates that insufficient data are available to calculate a plausible upper confidence limit (UCL)

Table 5

TA-21 024(i) Areas 1, 2, & 3: Organics 0 to 12 ft										Distributional Testing									
										Normal					Lognormal				
Analyte	n	% Above DL	95% UCL	BV	Status	Student's t	Land H	Boot-strap	Max. Data Value	C.V.	Fill.	Geary	S-K or S-W	Stud. Range	C.V.	Fill.	Geary	S-K or S-W	Stud. Range
Acenaphthene	30	13	0.317			0.161	0.317	0.131	0.390	Pass	Fail	Fail	Fail	Fail	Pass	Fail	Fail	Fail	Fail
Acetone	30	27	0.039			0.0309	0.0279	0.0235	0.140	Fail	Fail	Fail	Fail	Fail	Pass	Fail	Pass	Fail	Pass
Anthracene	30	10	0.317			0.161	0.317	0.132	0.390	Pass	Fail	Fail	Fail	Fail	Pass	Fail	Fail	Fail	Fail
Aroclor-1254	55	25	0.160			0.160	0.106	0.108	1.51	Fail	Fail	Fail	Fail	Fail	Pass	Fail	Fail	Fail	Pass
Aroclor-1260	20	55	0.178			0.176	0.799	0.124	0.670										
Benzidine	2	< data	< data	< data	< data	< data	< data	< data	< data	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzoic Acid	38	32	1.78			1.47	1.78	1.35	2.000	Pass	Fail	Fail	Fail	Pass	Fail	Fail	Fail	Fail	Pass
Bis(2-chloroethyl)ether	24	4	0.178			0.178	0.178	0.176	0.190	Pass	Pass	Pass	Pass	Fail	Pass	Fail	Pass	Pass	Fail
Butanone[2-]	26	19	0.0162			0.0142	0.0162	0.0125	0.036	Pass	Fail	Fail	Fail	Fail	Pass	Fail	Fail	Fail	Fail
DDT[4,4'-]	7	< data	< data	< data	< data	< data	< data	< data	< data	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Diethylphthalate	23	4	0.182			0.182	0.220	0.172	0.190	Pass	Fail	Fail	Fail	Fail	Pass	Fail	Fail	Fail	Fail
Di-n-butylphthalate	23	17	0.176			0.176	0.212	0.162	0.190	Pass	Fail	Fail	Fail	Fail	Pass	Fail	Fail	Fail	Fail
Fluoranthene	31	29	0.36			0.187	0.360	0.146	0.570	Pass	Fail	Pass	Fail	Pass	Pass	Fail	Fail	Fail	Fail
Phenanthrene	31	19	0.371			0.190	0.371	0.155	0.660	Pass	Fail	Pass	Fail	Pass	Pass	Fail	Fail	Fail	Fail
Pyrene	31	45	0.291			0.183	0.291	0.152	0.520	Pass	Fail	Pass	Fail	Pass	Pass	Fail	Fail	Fail	Fail
Tetrachloroethene	20	5	0.0269			0.0269	0.0113	0.0149	0.176	Fail	Fail	Fail	Fail	Pass	Pass	Fail	Fail	Fail	Fail
Toluene	26	4	0.00393			0.00356	0.00393	0.00332	0.006	Pass	Fail	Fail	Fail	Fail	Pass	Fail	Fail	Fail	Fail
Trichlorobenzene[1,2,3-]	2	< data	< data	< data	< data	< data	< data	< data	< data	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane	19	16	0.0677			0.00677	0.00877	0.00613	0.008	Pass	Fail	Pass	Fail	Pass	Pass	Fail	Fail	Fail	Pass
Trimethylbenzene[1,2,4-]	26	19	0.00460			0.00436	0.00460	0.00385	0.007	Pass	Fail	Fail	Fail	Pass	Pass	Fail	Fail	Fail	Fail

< data indicates that insufficient data are available to calculate a plausible upper confidence limit (UCL)

Table 6

TA-21 024(i) Areas 1, 2, & 3: Radionuclides: 0 to 5 ft										Distributional Testing									
										Normal					Lognormal				
Analyte	n	% Above DL	95% UCL	BV	Status	Student's t	Land H	Boot-strap	Max. Data Value	C.V.	Fill.	Geary	S-K or S-W	Stud. Range	C.V.	Fill.	Geary	S-K or S-W	Stud. Range
Americium-241	10	100	0.0649			0.0649	0.130	0.0545	0.090	Pass	Pass	Pass	Pass	Pass	Pass	Fail	Pass	Fail	Pass
Plutonium-239	9	100	1.25			1.25	10.5	< data	3.68	Fail	Fail	Fail	Fail	Pass	Pass	Pass	Pass	Pass	Pass
Thorium-228	20	100	1.72			1.68	1.72	1.57	2.56	Pass	Fail	Pass	Fail	Pass	Pass	Pass	Pass	Pass	Pass
Thorium-230	19	100	1.24			1.22	1.24	1.10	2.27	Pass	Fail	Fail	Fail	Pass	Fail	Fail	Fail	Fail	Pass
Tritium	36	100	69.1			23.0	69.1	14.8	147	Fail	Fail	Fail	Fail	Pass	Fail	Fail	Pass	Fail	Fail
Uranium-234	39	100	2.39			2.39	2.11	1.88	13.0	Fail	Fail	Fail	Fail	Fail	Fail	Fail	Fail	Fail	Pass
Uranium-235	28	100	0.128			0.122	0.128	0.0975	0.445	Fail	Fail	Fail	Fail	Pass	Pass	Pass	Pass	Pass	Pass
Uranium-238	39	100	1.54			1.54	1.47	1.32	6.005	Pass	Fail	Fail	Fail	Fail	Fail	Fail	Fail	Fail	Pass

Table 7

TA-21 024(i) Areas 1, 2, & 3: Radionuclides: 0 to 12 ft										Distributional Testing									
										Normal					Lognormal				
Analyte	n	% Above DL	95% UCL	BV	Status	Student's t	Land H	Boot-strap	Max. Data Value	C.V.	Fill.	Geary	S-K or S-W	Stud. Range	C.V.	Fill.	Geary	S-K or S-W	Stud. Range
Americium-241	11	100	0.0612			0.0612	0.13	0.05049	0.090	Pass	Pass	Pass	Pass	Pass	Pass	Fail	Pass	Fail	Pass
Plutonium-239	11	100	1.03			1.03	26.1	0.609	3.68	Fail	Fail	Fail	Fail	Pass	Pass	Pass	Pass	Pass	Pass
Thorium-228	31	100	1.64			1.62	1.64	1.528	2.56	Pass	Fail	Pass	Fail	Pass	Pass	Pass	Pass	Pass	Pass
Thorium-230	30	100	1.11			1.11	1.11	1.018	2.27	Pass	Fail	Fail	Fail	Pass	Fail	Fail	Fail	Fail	Pass
Tritium	49	100	400			400	15,890	252.046	4233	Fail	Fail	Fail	Fail	Pass	Fail	Fail	Pass	Fail	Fail
Uranium-234	49	100	2.09			2.09	1.78	1.659	13.0	Fail	Fail	Fail	Fail	Fail	Fail	Fail	Fail	Fail	Pass
Uranium-235	34	100	0.107			0.107	0.106	0.086	0.445	Fail	Fail	Fail	Fail	Pass	Pass	Pass	Pass	Pass	Pass
Uranium-238	49	100	1.39			1.39	1.32	1.22	6.005	Pass	Fail	Fail	Fail	Fail	Fail	Fail	Fail	Fail	Pass

Table 8

TA-21 024(i) Areas 1 & 2: Inorganics 0 to 5 ft										Distributional Testing									
										Normal					Lognormal				
Analyte	n	% Above DL	95% UCL	BV	Status	Student's t	Land H	Boot-strap	Max. Data Value	C.V.	Fill.	Geary	S-K or S-W	Stud. Range	C.V.	Fill.	Geary	S-K or S-W	Stud. Range
Aluminum	20	100	14,714			7909	14,714	5936	25,000	Fail	Fail	Pass	Fail	Pass	Pass	Pass	Pass	Pass	Pass
Antimony	5	< data	< data	< data	< data	< data	< data	< data	< data	NA	NA	NA	NA	NA	NA	NA	NA	Na	NA
Arsenic	20	100	4.09			3.71	4.09	3.17	8.20	Pass	Fail	Pass	Fail	Pass	Pass	Pass	Pass	Pass	Pass
Barium	20	100	108			69.1	108	51.8	235	Fail	Fail	Fail	Fail	Pass	Pass	Pass	Fail	Pass	Pass
Calcium	20	100	24,345			17,467	24,345	11,013	74,400	Fail	Fail	Fail	Fail	Pass	Pass	Fail	Pass	Fail	Pass
Chromium	20	100	10.1			7.08	10.1	5.82	16.0	Pass	Fail	Pass	Fail	Pass	Pass	Pass	Pass	Pass	Pass
Cobalt	20	80	2.26			1.85	2.26	1.45	5.70	Pass	Fail	Pass	Fail	Pass	Fail	Pass	Pass	Pass	Pass
Copper	20	90	6.15			4.18	6.15	3.43	8.20	Pass	Fail	Pass	Fail	Fail	Pass	Pass	Fail	Pass	Fail
Lead	25	100	15.7			14.5	15.7	11.8	50.0	Pass	Fail	Fail	Fail	Pass	Pass	Pass	Pass	Pass	Pass
Lithium	1	< data	< data	< data	< data	< data	< data	< data	< data	NA	NA	NA	NA	NA	NA	NA	NA	Na	NA
Magnesium	19	100	2,764			1780	2764	1,327	6,440	Fail	Fail	Fail	Fail	Pass	Pass	Pass	Pass	Pass	Pass
Mercury	31	52	0.315			0.244	0.315	0.168	1.70	Fail	Fail	Fail	Fail	Fail	Pass	Fail	Pass	Fail	Pass
Nickel	20	80	7.57			5.70	7.57	4.65	14.8	Pass	Fail	Fail	Fail	Pass	Pass	Pass	Pass	Pass	Pass
Selenium	20	55	0.612			0.566	0.612	0.528	0.756	Pass	Fail	Fail	Fail	Fail	Fail	Fail	Pass	Fail	Fail
Silver	27	11	0.868			0.868	2.25	0.747	1.15	Pass	Fail	Fail	Fail	Fail	Fail	Fail	Fail	Fail	Fail
Strontium	1	< data	< data	< data	< data	< data	< data	< data	< data	NA	NA	NA	NA	NA	NA	NA	NA	Na	NA
Thallium	27	0	0.827			0.827	3.72	0.691	1.15	Pass	Fail	Fail	Fail	Fail	Fail	Fail	Fail	Fail	Fail
Vanadium	20	100	15.1			10.0	15.1	7.72	28.0	Fail	Fail	Pass	Fail	Pass	Pass	Pass	Pass	Pass	Pass
Zinc	32	100	58.7			53.1	58.7	44.5	150	Pass	Fail	Pass	Fail	Pass	Pass	Pass	Pass	Pass	Pass

< data indicates that insufficient data are available to calculate a plausible upper confidence limit (UCL)

Table 9

TA-21 024(i) Areas 1 & 2: Radionuclides										Distributional Testing									
										Normal					Lognormal				
Analyte	n	% Above DL	95% UCL	BV	Status	Student's t	Land H	Boot-strap	Max. Data Value	C.V.	Fill.	Geary	S-K or S-W	Stud. Range	C.V.	Fill.	Geary	S-K or S-W	Stud. Range
Americium-241	3	< data	< data	< data	< data	< data	< data	< data	< data	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Plutonium-239	9	< data	< data	< data	< data	< data	< data	< data	< data	Fail	Fail	Fail	Fail	Pass	Pass	Pass	Pass	Pass	Pass
Thorium-228	20	100	1.85			1.68	1.85	1.57	2.56	Pass	Fail	Pass	Fail	Pass	Pass	Pass	Pass	Pass	Pass
Thorium-230	19	100	1.24			1.22	1.24	1.101	2.27	Pass	Fail	Fail	Fail	Pass	Fail	Fail	Fail	Fail	Pass
Tritium	28	100	29.3			29.3	224.3	19.343	147	Fail	Fail	Fail	Fail	Pass	Fail	Fail	Pass	Fail	Fail
Uranium-234	30	100	2.23			2.23	1.79	1.669	13	Fail	Fail	Fail	Fail	Fail	Fail	Fail	Fail	Fail	Fail
Uranium-235	19	100	0.121			0.117	0.121	0.087	0.445	Fail	Fail	Fail	Fail	Fail	Pass	Pass	Pass	Pass	Pass
Uranium-238	30	100	1.5			1.50	1.40	1.247	6.00	Pass	Fail	Fail	Fail	Fail	Fail	Fail	Fail	Fail	Fail

< data indicates that insufficient are available to calculate a plausible upper confidence limit (UCL)

Table 10

TA-21 024(i) Area 3: Inorganics 0 to 5 ft										Distributional Testing									
										Normal					Lognormal				
Analyte	n	% Above DL	95% UCL	BV	Status	Student's t	Land H	Boot-strap	Max. Data Value	C.V.	Fill.	Geary	S-K or S-W	Stud. Range	C.V.	Fill.	Geary	S-K or S-W	Stud. Range
Aluminum	4	< data	< data	< data	< data	< data	< data	< data	< data	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Antimony	42	52	5.29			2.11	5.29	1.77	6.6	Pass	Fail	Fail	Fail	Pass	Fail	Fail	Fail	Fail	Fail
Arsenic	4	< data	< data	< data	< data	< data	< data	< data	< data	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	4	< data	< data	< data	< data	< data	< data	< data	< data	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	4	< data	< data	< data	< data	< data	< data	< data	< data	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	42	100	16			14.4	16.0	11.7	44.7	Fail	Fail	Pass	Fail	Fail	Pass	Fail	Pass	Fail	Fail
Cobalt	4	< data	< data	< data	< data	< data	< data	< data	< data	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	42	100	9.21			8.75	9.21	7.56	22.2	Pass	Fail	Pass	Fail	Pass	Pass	Pass	Pass	Pass	Pass
Lead	37	100	52			43.9	52.0	35.1	144	Fail	Fail	Pass	Fail	Pass	Pass	Fail	Pass	Fail	Fail
Lithium	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	42	88	3.23			3.23	15.7	2.352	14.7	Fail	Fail	Pass	Fail	Pass	Fail	Fail	Fail	Fail	Fail
Nickel	4	< data	< data	< data	< data	< data	< data	< data	< data	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perchlorate	13	8						0.0880		Pass	Fail	Pass	Fail	Fail	Pass	Fail	Pass	Fail	Fail
Selenium	4	< data	< data	< data	< data	< data	< data	< data	< data	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	42	31	0.779			0.506	0.779	0.438	0.800	Pass	Fail	Fail	Fail	Fail	Pass	Fail	Fail	Fail	Fail
Strontium	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	9	< data	< data	< data	< data	< data	< data	< data	< data	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	4	< data	< data	< data	< data	< data	< data	< data	< data	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	42	100	98.8			90.4	98.8	73.1	316	Fail	Fail	Pass	Fail	Pass	Pass	Fail	Pass	Fail	Fail

NA indicates that no data were available

< data indicates that insufficient are available data to calculate a plausible upper confidence limit (UCL)

Table 11

TA-21 024(i) Area 3: Organics 0 to 5 ft										Distributional Testing									
										Normal					Lognormal				
Analyte	n	% Above DL	95% UCL	BV	Status	Student's t	Land H	Boot-strap	Max. Data Value	C.V.	Fill.	Geary	S-K or S-W	Stud. Range	C.V.	Fill.	Geary	S-K or S-W	Stud. Range
Acenaphthene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1254	NA	85	0.584			0.584	284	0.413	1.51	Fail	Fail	Pass	Fail	Pass	Pass	Pass	Fail	Pass	Fail
Aroclor-1260	NA	85	0.261			0.261	20.4	0.186	0.667	Fail	Fail	Pass	Fail	Pass	Pass	Pass	Pass	Pass	Fail
Benzidine	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzoic Acid	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-chloroethyl)ether	NA	8	0.176			0.174	0.176	0.173	0.1805	Pass	Fail	Fail	Fail	Fail	Pass	Fail	Fail	Fail	Fail
Bis(2-ethylhexyl)phthalate	NA	42	0.27			0.270	0.382	0.232	0.349	Pass	Fail	Pass	Fail	Pass	Pass	Fail	Pass	Fail	Pass
Butanone[2-]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DDT[4,4'-]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Diethylphthalate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Di-n-butylphthalate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	NA	38	0.0285			0.0273	0.0285	0.023	0.0543	Pass	Fail	Fail	Fail	Pass	Pass	Fail	Pass	Fail	Pass
Phenanthrene	NA	15	0.0256			0.0246	0.0256	0.022	0.0409	Pass	Fail	Fail	Fail	Pass	Pass	Fail	Pass	Fail	Pass
Pyrene	NA	77	0.0456			0.0398	0.0456	0.034	0.0655	Pass	Fail	Pass	Fail	Pass	Pass	Pass	Pass	Pass	Pass
Tetrachloroethene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichlorobenzene[1,2,3-]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trimethylbenzene[1,2,4-]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA indicates that no data were available

Table 12

TA-21 024(i) Area 3: Radionuclides										Distributional Testing									
										Normal					Lognormal				
Analyte	n	% Above DL	95% UCL	BV	Status	Student's t	Land H	Boot-strap	Max. Data Value	C.V.	Fill.	Geary	S-K or S-W	Stud. Range	C.V.	Fill.	Geary	S-K or S-W	Stud. Range
Americium-241	8	< data	< data	< data	< data	< data	< data	< data	< data	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
Plutonium-239	13	100	1.51			1.51	5.79	1.169	2.94	Pass	Pass	Pass	Pass	Pass	Fail	Pass	Pass	Pass	Pass
Thorium-228	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thorium-230	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tritium	18	100	0.701			0.701	8.31	0.483	2.4	Fail	Fail	Fail	Fail	Pass	Pass	Fail	Pass	Fail	Pass
Uranium-234	21	100	5.95			2.88	5.95	2.276	7.25	Pass	Fail	Pass	Fail	Fail	Fail	Fail	Pass	Fail	Fail
Uranium-235	21	100	0.125			0.125	1.29	0.1	0.306	Pass	Fail	Pass	Fail	Pass	Pass	Fail	Pass	Fail	Pass
Uranium-238	21	100	1.59			1.59	473	1.356	3.45	Pass	Fail	Pass	Fail	Pass	Fail	Fail	Pass	Fail	Fail

NA indicates that no data were available

< data indicates that insufficient data were available to calculate a plausible upper confidence limit (UCL)

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Appendix F

Risk Assessment Calculations

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APPENDIX F RISK ASSESSMENT CALCULATIONS

1.0 ENVIRONMENTAL FATE PROPERTIES OF INORGANIC COPCS AT SWMU 21-024(I)

The following inorganic chemicals of potential concern (COPCs) were retained from the background comparison: aluminum, antimony, arsenic, barium, calcium, chromium (total), cobalt, copper, lead, lithium, magnesium, mercury, molybdenum, nickel, perchlorate, selenium, silver, strontium, thallium, vanadium and zinc.

Information presented here on the fate and transport of inorganic chemicals in the soil is from Caserett et al. (1986, 58204), Brady (1974, 57672), Budavari et al. (1996, 58033) and from the toxicological profiles published by the Agency for Toxic Substances and Disease Registry (ATSDR). These profiles are contained in the CD-ROM distributed by ATSDR (ATSDR 1997, 56531).

The fate and distribution of chemicals in the environment are determined by several variables that can interact in numerous ways, e.g., physicochemical properties of the individual chemical and the physical transport systems such as rainwater or snowmelt runoff. The physicochemical properties, such as water solubility, soils adsorption, and volatilization, are all important in determining the routes by which a metal may enter the environment and be distributed. In general, metallic cations are quite insoluble in soil, especially if the soil is not too acidic (Brady 1974, 57672). Adsorption to particulate matter is a major mechanism by which chemicals are removed from solution and is dependent upon the type of soil. Volatilization from soil and water is a function of the vapor pressure of a chemical, as well as temperature, degree of adsorption, soil properties, and soil water content (Caserett et al. 1986, 58204, pp. 827–828). Metals, however, are not among the volatile or semivolatile chemicals. Information on the inorganic chemicals that have been detected at SWMU 21-024(i) (aluminum, antimony, arsenic, barium, calcium, chromium, cobalt, copper, lead, lithium, magnesium, mercury, molybdenum, nickel, perchlorate, selenium, silver, strontium, thallium, vanadium and zinc) is presented below.

Aluminum

Prediction of chemical valence states: Aluminum has a valence of +3.

Affinity for soil, water, and air: Aluminum occurs widely in nature in silicates such as micas and feldspars, complexed with sodium and fluoride as cryolite, and in bauxite rock, which is composed of hydrous aluminum oxides, aluminum hydroxides, and impurities such as free silica. Because of its reactivity, aluminum is not found as a free metal in nature. Because aluminum has only one oxidation state (+3), its behavior or fate and transport in the environment depend upon its coordination chemistry and the characteristics of the local environmental system. Aluminum partitions between solid and liquid phases by reacting and complexing with water molecules and electron rich anions such as chloride, fluoride, sulfate, nitrate, phosphate, and negatively charged functional groups on humic materials and clay. Depending on the degree of aluminum saturation on the clay surface, clays may act either as a sink or a source for soluble aluminum (ATSDR 1993, 56531).

Potential for uptake: Aluminum is often taken up and concentrated in root tissue. In subalpine ecosystems, the large root biomass of the Douglas fir, Abies ambilies, takes up aluminum and immobilizes it, preventing large accumulation in aboveground tissue. It is unclear to what extent aluminum is taken up into root food crops and leafy vegetables. An uptake factor (concentration of aluminum in the plant/concentration of aluminum in soil) of 0.004 for leafy vegetables and 0.00065 for reproductive plant parts (including roots) has been reported, but the pH and plant species from which these uptake factors were derived are unclear. Based upon these values, however, aluminum is not bioconcentrated in plants, i.e., the concentration in soil is greater than the concentration in the plant tissue (ATSDR 1993, 56531).

Antimony and Arsenic

Some of antimony's chemical traits are similar to arsenic, such as a tendency to volatize from water (Hem 1985, 67310). Information regarding the fate and transport of antimony is not readily available. Therefore, the following information pertains to arsenic but is also applicable to antimony.

Prediction of chemical valence states: Antimony and arsenic occur in the +3 and +5 oxidation states.

Affinity for soil, water, and air: Arsenic is stable in dry air and insoluble in water. Therefore, volatilization of arsenic into the air and transport of arsenic as a dissolved component of water is not expected to be a concern (Budavari 1996, 58033.1.1, p. 832). However, transport and partitioning of arsenic in water depends upon the chemical form (oxidation state and counter ion) of the arsenic and on interactions with other materials present. Arsenic may be transported by leaching into rainfall or snowmelt. However, because many arsenic compounds tend to adsorb to soils or sediments, leaching usually results in transportation over only short distances in soil. Sediment-bound arsenic may be released back into the water by chemical or biological interconversions of arsenic species (ATSDR 1993, 56531).

Potential for uptake: Bioconcentration of arsenic occurs in aquatic organisms, primarily in algae and lower invertebrates. Bioconcentration factors (BCF) measured in freshwater invertebrates and fish for several arsenic compounds ranged from 0 to 17. Biomagnification in aquatic food chains does not appear to be significant, although some fish and invertebrates contain high levels of arsenic compounds. Terrestrial plants may accumulate arsenic by root uptake from the soil (ATSDR 1993, 56531).

Barium

Prediction of chemical valence states: Barium occurs in the +2 oxidation state.

Affinity of barium for soil, water and air: Barium reacts with metal oxides and hydroxides in soil and is subsequently adsorbed onto soil particulates. Barium is also adsorbed onto soil and subsoil through electrostatic interactions. The cation exchange capacity of the sorbent largely controls the retention of barium in soil. Barium is strongly adsorbed by clay minerals. In general, the solubility of barium compounds increases with decreasing pH. Barium does not hydrolyze appreciably except in highly alkaline environments (i.e., at pH levels greater than or equal to 10). Barium also forms complexes with natural organics in water (e.g., fatty acids in acidic landfill leachates) to a limited extent. Elemental barium is oxidized readily in moist air. The residence time of barium in the atmosphere may be several days, depending on the size of the particulate formed, the chemical nature of the particulate, and environmental factors such as rainfall.

Potential for uptake: Barium added to soils (e.g., from the land farming of waste drilling muds) may either be taken up by vegetation or transported through soil with precipitation. Relative to the amount of barium found in soils, little is bioconcentrated by plants. However, this transport pathway has not been comprehensively studied. Barium was found to bioconcentrate in marine plants by a factor of 1000 times the level present in the water (ATSDR 1997, 56531).

Calcium

Prediction of chemical valence states: Calcium occurs in the +2 oxidation state.

Affinity of chromium for soil, water and air: Calcium is an alkaline earth metal, found naturally only in the form of its compounds, never uncombined. Calcium reacts with water, and tarnishes when exposed to air (Budavari et al. 1996, 58033)

Potential for uptake: Calcium is an essential constituent of the bones and teeth. Absorption is increased during the growing phase of a life. Children may absorb up to 75% of ingested calcium while young adults absorb only 20 to 40%. No adverse effects have been observed in healthy adults consuming up to 2500 mg of calcium per day (National Research Council 1989, 64000.1, pg. 175.)

Chromium

Prediction of chemical valence states: Chromium occurs in the +1 through +6 oxidation states. The fate of chromium in soil is partly dependent on the redox potential and the pH of the soil. In most soils, chromium will be present predominantly in the chromium (III) state. In deeper soil where anaerobic conditions exist, chromium (VI) will be reduced to chromium (III) by S^{-2} and Fe^{+2} present in soil (ATSDR 1997, 56531).

Affinity of chromium for soil, water and air: Most chromium (III) in soil is immobilized due to adsorption and complexation with soil materials. Chromium in the aquatic phase occurs in the soluble state or as suspended solids adsorbed onto clayey materials, organics, or iron oxides. Most of the soluble chromium is present as chromium (VI) or as soluble chromium (III) complexes and generally accounts for a small percentage of the total. Soluble chromium (VI) may persist in some bodies of water for a long time, but will eventually be reduced to chromium (III) by organic matters or other reducing agents in water. Chromium compounds cannot volatilize from water (ATSDR 1997, 56531).

Potential for uptake: Chromium has a low mobility for translocation from roots to the above ground parts of plants (ATSDR 1997, 56531).

Cobalt

Prediction of chemical valence states. Cobalt occurs in the +1, 2, 3, and rarely +4, and 5 oxidation states (ATSDR 1997, 56531).

Affinity of cobalt for soil, water and air: As for most metals, sediment and soil are the final repository for cobalt emitted into the environment by humans. Most of the cobalt released into water eventually reaches the lakes and the coastal zones of the oceans via river transport of dissolved and suspended particles. In a lake, the portion of the total metal load carried on suspended particles settles in areas with active sedimentation. However, the percent of cobalt that is transported in the particulate form in water varies widely from 0%, as in the case of Lake Washington (Washington State), to 98%, as in the case of the Columbia River near Richland, Washington. In the oxic zones of many surface waters, the dissolved cobalt concentration decreases with depth. This may be due to its continuous input into surface water from discharges, and to increased adsorption and precipitation of the soluble forms in suspended solids and sediments with increases in depth (ATSDR 1997, 56531).

The speciation of cobalt in soil depends on the nature of the soil, concentration of chelating/complexing agents, pH, and Eh (redox potential) of the soil. Dissolved cobalt may be absorbed by ion exchange and other mechanisms, or form complexes with fulvic acids, humic acid, or other organic ligands in soil. The humic and fulvic complexes of cobalt are not very stable, compared with copper, lead, iron, and nickel complexes (ATSDR 1997, 56531).

The transport of cobalt in soil depends on its adsorption/desorption. Cobalt is retained by oxides such as iron and manganese oxide, crystalline materials such as aluminosilicate and goethite, and natural organic substances in soil. In most soils, cobalt is more mobile than lead, chromium, zinc, and nickel, but less mobile than cadmium. The mobility of cobalt in soil increases as the pH decreases; it decreases as the availability of the oxides, crystalline materials, and other adsorbents in soil decreases. Organic complexing agents, such as those obtained from plant decay, may also increase cobalt mobility in soil.

However, complexes decrease cobalt uptake by plants. Addition of sewage sludge to the soil also increases the mobility of cobalt, perhaps due to organic complexation of cobalt (ATSDR 1997, 56531).

There is a lack of data in the literature regarding the chemical forms of cobalt and their transformation in the atmosphere. It is not clear if, or how, any chemical speciation of cobalt occurs in the atmosphere.

Potential for uptake: The possibility of cobalt uptake by plants from soil has been reported in the literature. Elevated levels of cobalt have been found in the roots of sugar beets and potato tubers in soils with high cobalt concentrations (e.g., flyash-amended soil) due to absorption of cobalt from soil. The translocation of cobalt from roots to above-ground parts of plants is not significant in most soils, as indicated by the lack of cobalt in seeds of barley, oats, and wheat grown in high-cobalt soil. The enrichment ratio, defined as the concentration in a plant grown in amended soil (flyash) over the concentration in unamended soil, was about 1. The transfer coefficient (concentration in plant/concentration in soil) for cobalt is 0.01–0.3. There is little biomagnification of cobalt in animals of higher trophic level (ATSDR 1997, 56531).

Copper

Prediction of chemical valence states: Copper occurs in the +1 and +2 oxidation states.

Affinity of copper for soil, water and air: Most copper deposited in soil will be strongly adsorbed and remain in the upper few centimeters of soil. Copper's movement in soil is determined by a host of physical and chemical interactions of copper with the soil components. In general, the copper will adsorb to organic matter, carbonate minerals, clay minerals, or hydrous iron and manganese oxides. Sandy soils with low pH have the greatest potential for leaching. However, the soil in the area is alkaline to neutral, so leaching of copper would not be a great concern at this site. In most temperate soil, the pH, organic matter, and ionic strength of the soil solutions are the key factors affecting adsorption. The ionic strength and pH of the soil solution affect the surface charge of soils and thereby influence ionic interaction. When the amount of organic matter is low, the mineral content of iron, manganese and aluminum oxides become important in determining the adsorption of copper (ATSDR 1997, 56531). Copper's affinity for air is demonstrated by the fact that copper becomes dull when exposed to air (Budavari et al. 1996, 58033).

Copper binds to soil much more strongly than other divalent cations, and the distribution of copper in the soil solution is less affected by pH than other metals. In a study of competitive adsorption and leaching of metals in soil columns of widely different characteristics, copper eluted much more slowly and in much lower quantities than zinc, cadmium, and nickel from two mineral soils and not at all from peat soil, which contained the greatest amount of organic matter. A study looked at pH-dependent adsorption of the bivalent transition metal cations (cadmium, copper, lead, and zinc) in two mineral soils and two soils containing considerable organic matter. Adsorption increased with pH, and copper and lead were much more strongly retained than cadmium and zinc. Reduction in absorptivity after removal of the organic matter demonstrated the importance of organic matter in binding copper (ATSDR 1997, 56531).

Copper shows a pronounced solubility in soil only in the oxidizing environment; in the reducing environment, solubility is low. Above pH 6, precipitation becomes the more dominant process for removing copper from water. Copper binding in soil may be correlated with pH, cation exchange capacity, the organic content of the soil, the presence of iron oxides, and even the presence of inorganic carbon such as carbonates. Copper may also be incorporated in mineral lattices where it is unlikely to have ecological significance. Broad generalizations are not possible since the situation will differ among different soils. In soils with a high organic carbon content, however, copper will be tightly bound to organic matter. In sediment, copper is generally associated with mineral matter or tightly bound to organic material. As is common when a metal is associated with organic matter, copper is generally associated with fine, as opposed to coarse, sediment (ATSDR 1997, 56531). Therefore, copper would most likely be

bound to the soil and move in the system by way of transport of soil particles by water as opposed to movement in the air because of volatilization or movement in the water as dissolved chemicals.

Potential for uptake: Ordinarily at pH values of 6.5 and above copper tends to be only slowly available to plants, especially if copper is present in the high-valent or oxidized forms. Consequently, most soils will tie up relatively large quantities of copper if the soil pH is high and the drainage good (Brady 1974, 57672). There is abundant evidence that there is no biomagnification of copper in the food chain (ATSDR 1997, 56531).

Lead

Prediction of chemical valence states: Lead occurs in the +2 and +4 oxidation states. Lead in the +2 oxidation state has some chemical similarities to calcium (Manahan 1989, 59377, p. 105).

Affinity of lead for soil, water and air: The fate of lead in soil is affected by the specific or exchange adsorption at mineral interfaces, the precipitation of sparingly soluble solid forms of the compound, and the formation of relatively stable organic-metal complexes or chelates with soil organic matter. These processes are dependent on such factors as soil pH, organic matter content of soil, the presence of inorganic colloids and iron oxides, ion-exchange characteristics, and the amount of lead in soil. The accumulation of lead in most soils is primarily a function of the rate of deposition from the atmosphere. Most lead is retained strongly in soil, and very little is transported into surface water or groundwater. Lead is strongly sorbed to organic matter in soil, and although not subject to leaching, it may enter surface waters as a result of erosion of lead-containing soil particulates. Lead may be converted to lead sulfate at the soil surface, which is relatively soluble when compared with lead carbonate or phosphate. Inorganic lead may be bound into crystalline matrices of rocks and remain essentially immobile. Lead complexes and precipitates in soil and their transformation depend on the soil type. In soil with a high organic matter content and a pH of 6–8, (which is approximately the pH of the soil on East Mesa), lead may form insoluble organic lead complexes; if the soil has less organic matter at the same pH, hydrous lead oxide complexes may form or lead may precipitate out with carbonate or phosphate ions. Entrainment of soil particles is another route of lead transport. The downward movement of lead from soil to groundwater by leaching is very slow under most natural conditions (ATSDR 1997, 56531).

Potential for uptake: Plants and animals may bioconcentrate lead, but biomagnification has not been detected. Although the bioavailability of lead in soil to plants is limited because of the strong absorption of lead to soil organic matter, the bioavailability increases as the pH and the organic matter content of the soil are reduced. Lead is not biomagnified in aquatic or terrestrial food chains (ATSDR 1997, 56531).

Lithium

Prediction of chemical valence states: Lithium has a valence of +1 and exists as various lithium compounds or salts.

Affinity of lithium for soil, water and air: Lithium salts are very soluble. They do not readily adsorb to soil and easily leach through soils. The ionic nature of lithium makes it essentially nonvolatile. Therefore, it exists only in the particulate phase in air and does not volatilize from soil (HSDB 2003. 74017).

Potential for uptake: Uptake following oral administration is well documented since lithium carbonate is used pharmaceutically. It is completely absorbed within 6 to 8 hrs. following oral dosing (HSDB 2003, 74017). Because it is soluble, it should also be absorbed to some extent by the lungs.

Magnesium

Prediction of chemical valence states: Magnesium occurs in the +2 oxidation state. It does not exist in a pure state in nature but is found in combination (e.g., magnesium carbonate of oxide).

Affinity of magnesium for soil, water and air: Solubility of magnesium is low in water. It would not be expected to bind to soil organic matter. It would only be expected to occur in air in the particulate form or in a metal fume.

Potential for uptake: Magnesium is considered an essential nutrient and is a cofactor of many enzymes. However, magnesium salts are poorly absorbed from the intestine (Klaassen 1986, 58204).

Mercury

Prediction of chemical valence states: Mercury occurs in the +1 and +2 oxidation states. In soils and surface waters, mercury can exist in the mercuric (Hg+2) and mercurous (Hg+1) states as a number of complex ions with varying water solubilities (ATSDR 1997, 56531).

Affinity of mercury for soil, water and air: Mercury is transported to aquatic ecosystems by way of surface runoff. It is tightly bound to both organic and inorganic particles. Sediments with high sulfur content will strongly bind mercury. The methylation of mercury by microorganisms is a detoxification response that allows the organism to dispose of heavy-metal ions as small organometallic complexes. Conditions for methylation by sediment microorganisms are strict and occur only within a narrow pH range. The rate of synthesis of methyl mercury also depends on redox potential, composition of the microbial population, availability of Hg 2+, and temperature. The best conversion rate for inorganic mercury to methyl mercury under ideal conditions is less than 1.5% per month (Casarett et al. 1986, 58204, p. 842).

Mercuric mercury, present as complexes and chelates with ligands, is probably the predominant form of mercury present in surface waters. The transport and partitioning of mercury in surface waters and soils is influenced by the particular form of the compound. More than 97% of the dissolved gaseous mercury found in water consists of elemental mercury. Volatile forms (e.g., metallic mercury and dimethylmercury) are expected to evaporate to the atmosphere, whereas solid forms partition to particulates in the soil or water column and are transported downward to the sediments in the water column (ATSDR 1997, 56531).

The sorption process is related to the organic matter content of the soil or sediment. Mercury is sorbed to soil with high-iron and -aluminum content up to a maximum loading capacity of 15 g/kg. Inorganic mercury sorbed to particulate material is not readily desorbed. Therefore, freshwater and marine sediments are important repositories for inorganic forms of the compound, and leaching is a relatively insignificant transport process in soils. However, surface runoff is an important mechanism for moving mercury from soil to water, particularly for soils with high humic content. Mobilization of sorbed mercury from particulates can occur through chemical or biological reduction to elemental mercury and bioconversion to volatile organic forms. Adsorption of mercury in soil is decreased with increasing pH and/or chloride ion concentrations. Metallic mercury may move through the top 3–4 cm of dry soil at atmospheric pressure; however, it is unlikely that further penetration would occur (ATSDR 1997, 56531).

The volatilization and leaching of various forms of mercury (elemental, mercuric sulfide, mercuric oxide, and mercurous oxide) from soils or wastes has been studied using the headspace method for volatilization and the RCRA leaching protocols for leaching through soil to determine if the leachates exceeded the RCRA limit of 200 mg/L. With the exception of mercuric sulfide, the other forms of mercury increased in concentrations in the headspace vapor and in the leachate as the soil concentrations

increased, although the elemental mercury concentrations never exceeded the RCRA limit, indicating that it was relatively unleachable. Mercuric sulfide also did not exceed the background level for the leachate and was consistently less than 0.001 mg/m^3 for the vapor concentrations, indicating that it too was unleachable and did not volatilize. This study also showed that concentrations of mercury in leachate could not be correlated with the concentration of mercury in the soil or in the headspace vapors. Mercuric sulfide has been found to strongly adsorb to soil, and even with weathering, any mercury released from the mercuric sulfide is readsorbed by the soil (ATSDR 1997, 56531).

Potential for uptake: Inorganic mercury compounds added to soils react quickly with the organic mater and clay minerals to form insoluble compounds. In this form, mercury is quite unavailable to growing plants (Brady 1974, 57672). The methylation of mercury by microorganisms is a detoxication response that allows the organism to dispose of heavy-metal ions as small organometallic complexes. Conditions for methylation by sediment microorganisms are strict and occur only within a narrow pH range. The rate of synthesis of methyl mercury also depends on redox potential, composition of the microbial population, availability of Hg2+, and temperature. The best conversion rate for inorganic mercury to methyl mercury under ideal conditions is less than 1.5% per month (Klaassen et al. 1986, 58204, p. 842).

The potential for bioaccumulation in terrestrial food chains is demonstrated by the uptake of mercury by the edible mushroom, *Pleurotus ostreatus*, grown on compost containing mercury at concentrations of up to 0.2 mg/kg. The bioaccumulation factor was 65–140, indicating that there are risks to human health if these mushrooms are eaten. However, other data indicate that virtually no mercury is taken up from the soil into the shoots of plants such as peas, although mercury concentrations in the roots may be significantly elevated and reflect the mercury concentrations of the surrounding soil. The most common organic form of mercury, methylmercury, is soluble, mobile, and quickly enters the aquatic food chain (ATSDR 1997, 56531).

Molybdenum

Prediction of chemical valence states: Molybdenum occurs in the +2, +3, +4, +5, and +6 oxidation states (HSDB 2003, 74016).

Affinity of lead for soil, water and air: Molybdenum is insoluble in hot or cold water and in hydrofluoric and sulfuric acids. It does not undergo oxidation by air or water at ordinary temperatures (HSDB 2003, 74016). It is present in industrial settings as dust or fumes.

Potential for uptake: Based on its insoluble nature, molybdenum had a low potential for uptake.

Nickel

Prediction of chemical valence states: While nickel can exist in oxidation states -1, 0, +2, +3, and +4, its only important oxidation state is nickel (+2) under environmental conditions. The divalent state of nickel forms an extensive series of compounds and is the only important oxidation state in aqueous systems. Other oxidation states occur in special complexes and oxides (ATSDR 1997, 56531).

Affinity of nickel for soil, water and air: Nickel and nickel compounds have negligible vapor pressures. Therefore, volatilization of nickel from the soil into the air is not expected to be a pathway of concern. Nickel is strongly adsorbed by soil, although to a lesser degree than lead, copper, and zinc. Nickel is a natural constituent of soil and is transported into streams and waterways in runoff either due to natural weathering or from disturbed soil. Much of the nickel released into waterways as runoff is associated with particulate matter and is transported and settles out in areas of active sedimentation (ATSDR 1997, 56531).

Potential for uptake: Nickel is not accumulated in significant amounts by aquatic organisms. The range of bioconcentration factors (BCFs) appears to be 40–100 in fish and 100–259 in invertebrates. The lack of significant bioaccumulation of nickel in aquatic organisms, voles, and rabbits would indicate that nickel is not biomagnified in the food chain (ATSDR 1997, 56531).

Perchlorate

Perchlorate is an oxidizing anion that originates as a contaminant in ground and surface waters from the dissolution of ammonium, potassium, magnesium, or sodium salts. Perchlorate is exceedingly mobile in aqueous systems and can persist for many decades under typical ground and surface water conditions.

Selenium

Prediction of chemical valence states: The primary factor determining the fate of selenium in the environment is its oxidation state. Selenium is stable in four valence states (-2, 0, +4, and +6). The heavy metal selenides (-2) are insoluble in water, as is elemental selenium. The inorganic alkali selenites (+4) and selenates (+6) are soluble in water and are therefore more bioavailable.

Affinity of selenium for soil, water and air: In general, elemental selenium is stable in soils and is found at low levels in water due to its ability to coprecipitate with sediments. The forms of selenium expected to be found in surface water and the water contained in soils are the salts of selenic and selenious acids. Selenic acid is a strong acid. The soluble selenate salts of this acid are expected to occur in alkaline waters. Sodium selenate is one of the most mobile selenium compounds in the environment owing to its high solubility and inability to adsorb onto soil particles. Selenious acid is a weak acid, and the diselenite ion predominates in waters between pH 3.5 and 9. Most selenites are less soluble in water than the corresponding selenates. The volatile selenium compounds that partition into the atmosphere include the inorganic compounds selenium dioxide and hydrogen selenide and the organic compounds dimethyl selenide and dimethyl diselenide. Hydrogen selenide is highly reactive in air and is rapidly oxidized to elemental selenium and water, but the other compounds can persist in air (ATSDR 1997, 56531).

Potential for uptake: The soluble selenates are readily taken up by plants and converted to organic compounds such as selenomethionine, selenocysteine, dimethyl selenide, and dimethyl diselenide. Selenium is bioaccumulated by aquatic organisms and may also biomagnify in aquatic organisms (ATSDR 1997, 56531).

Silver

Prediction of chemical valence states: Silver occurs in the environment primarily in the +1 and +2 oxidation state.

Affinity of silver for soil, water and air: The transport and partitioning of silver in surface waters and soils is influenced by the particular form of the compound. Under oxidizing conditions, the primary silver compounds are bromides, chlorides, and iodides, while under reducing conditions the free metal and silver sulfides predominate. In water, the major forms of silver are as the monovalent ion in the form of sulfate, bicarbonate, or sulfate salts; as part of more complex ions with chlorides and sulfates; and as an integral part of, or adsorbed onto, particulate matter. The mobility of silver in soils is affected by drainage (silver tends to be removed from well-drained soils), oxidation-reduction potential and pH conditions (which determine the reactivity of iron and manganese complexes which tend to immobilize silver), and the presence of organic matter (which complexes with silver and reduces its mobility).

Potential for uptake: In fresh water, silver may form complex ions with chlorides, ammonium (in areas of maximum biological activity), and sulfates; form soluble organic compounds such as the acetate and the tartrate; become adsorbed onto humic complexes and suspended particulates; and become incorporated into, or adsorbed onto, aquatic biota. Bioconcentration (uptake from water) and bioaccumulation (uptake from food and water) studies of silver thiosulfate complexes in algae (*Scenedesmus* sp.), water flea (*Daphnia magna*), mussels (*Ligumia* sp. and *Margaritifera* sp.), and fathead minnow (*Pimephales promelas*) were conducted in 10-week exposures. Bioconcentration indices were 96–150 for algae, 12.2–26 for *Daphnia*, 5.9–8.5 for mussels, and 1.8–28 for fish. Bioaccumulation indices were 9–26 for *Daphnia*, 6.6–9.8 for mussels, and 4.0–6.2 for fish. These indices, which are based on measured wet-weight concentrations in biota and nominal concentrations in water, indicate little potential for silver biomagnification (systematic increase in residue concentrations moving up a food chain) in the tested aquatic food chain. In soil, silver is toxic to soil microorganisms and inhibits bacterial enzymes. Therefore, biotransformation is not expected to be a significant process (ATSDR 1997, 56531).

Strontium

Prediction of chemical valence states. Strontium occurs naturally in the environment in 0 and +2 oxidation states. Under normal environmental conditions, only the +2 oxidation state is stable enough to be important. Strontium exists as either a hydrated cation, an ionic solution complex, or an ionic salt.

Affinity of strontium for soil, water and air. Because of strontium's high reactivity, elemental (or metallic) strontium is not found in nature; it exists only as molecular compounds with other elements. Strontium has moderate mobility in soils and sediments, and sorbs moderately to metal oxides and clays (ATSDR 1997, 56531). Strontium sorbs as hydrated ions on the surface of clay minerals (kaolinite), weathered minerals (amorphous silica), and iron oxides. However, at higher concentrations, precipitation of strontianite (strontium carbonate) occurs and strontium is likely to be less mobile. The principal abiotic processes that transform strontium in soils and sediments are mediated by sorption and desorption reactions between the soil solution and matrix (precipitation, complexation, and ion exchange), and are controlled by pH, ionic strength, solution speciation, mineral composition, organic matter, biological organisms, and temperature. In air, strontium compounds are present mostly as dust. These particles of strontium eventually end up back in the soil or in the bottoms of lakes, rivers, and ponds. Strontium will form different species, some of which are more soluble than others. In surface and groundwater, strontium exists primarily as a hydrated ion. Strontium is relatively mobile in water. However, the formation of insoluble complexes or sorption of strontium to soils can reduce its mobility in water.

Potential for uptake. Strontium is taken up and retained by aquatic and terrestrial plants. Because strontium is chemically similar to calcium, it is taken up from the soil by fruits and vegetables.

Thallium

Prediction of chemical valence states. Thallium occurs in the environment primarily in the +1 and +3 oxidation states.

Affinity of thallium for soil, water and air. Thallium is a nonvolatile heavy metallic element that exists in the environment mainly combined with other elements (primarily oxygen, sulfur, and the halogens) in inorganic compounds. Thallium is quite stable in the environment, since it is neither transformed nor biodegraded. Compounds of thallium are generally soluble in water and the element is found primarily as the monovalent ion. Thallium may partition from water and be sorbed to soils and sediments (ATSDR 1997, 56531).

Potential for uptake. Thallium tends to bioconcentrate in aquatic plants, invertebrates, and fish. Terrestrial plants can also absorb thallium from soil (ATSDR 1997, 56531).

Vanadium

Prediction of chemical valence states. Vanadium occurs in the +2, +3, +4 and +5 oxidation states.

Affinity of lead for soil, water and air. Vanadium is a metallic element. Despite forming complexes with organic matter, it is generally not incorporated into organic compounds. Vanadium-containing particulates emitted to the atmosphere from anthropogenic sources are frequently simple or complex oxides or may be associated with sulfates. Generally, lower oxides formed during combustion of coal and residual fuel oils, such as vanadium trioxide, undergo further oxidation to the pentoxide form, often before leaving the stacks. The average residence time for vanadium in the atmosphere is unknown as the particle size varies considerably. An estimated residence time of about 1 day has been proposed for the settling of fly ash vanadium pentoxide when associated with hydrogen sulfate.

Vanadium entering water is generally converted from the less-soluble trivalent state to the more-soluble pentavalent state. The species of vanadium most likely to be found in sea water are (H 2V 4O 13) 4-, HVO 42-, and VO3-. Vanadium is continuously precipitated from sea water by ferric hydroxides and organic matter and forms sediments on the seabed.

Weathering of rocks and minerals during soil formation may extract vanadium in the form of a complex anion that may remain in the soil or enter the hydrosphere. Vanadium remains in the soil after being precipitated from the weathering solution. This can be brought about by precipitation with polyvalent cations such as divalent calcium and divalent copper, binding with organic complexing agents, adsorbing onto anion exchangers such as clay particles in the soil, and coprecipitating and adsorbing to hydrous ferric oxide in the soil. In the presence of humic acids, mobile metavanadate anions can be converted to the immobile vanadyl cations resulting in local accumulation of vanadium.

Potential for uptake. Transformation occurs primarily between various inorganic compounds during its movement through the environment, and biotransformation is not considered to be an important environmental fate process.

Zinc

Prediction of chemical valence states. Zinc occurs in the environment primarily in the +2 oxidation state. It dissolves in acids to form hydrated Zn +2 cations and in strong bases to form zincate anions (probably Zn[OH] 4-2) (ATSDR 1997, 56531).

Affinity of zinc for soil, water and air. Zinc sorbs strongly onto soil particulates. Zinc can occur in both suspended and dissolved forms in surface water. Dissolved zinc may occur as the free (hydrated) zinc ion or as dissolved complexes and compounds with varying degrees of stability. Suspended (undissolved) zinc may be dissolved following minor changes in water chemistry or may be sorbed to suspended matter (ATSDR 1997, 56531). Zinc is stable in dry air (Budavari et al. 1996, 58033).

The mobility of zinc in soil depends on the solubility of the speciated forms of the element and on soil properties such as cation exchange capacity, pH, redox potential, and chemical species present in soil; under anaerobic conditions, zinc sulfide is the controlling species. Since zinc sulfide is insoluble, the mobility of zinc in anaerobic soil is low. In a study of the effect of pH on zinc solubility, it was shown that when the pH is < 7, an inverse relationship exists between the pH and the amount of zinc in solution. As negative charges on soil surfaces increase with increasing pH, additional sites for zinc adsorption are activated and the amount of zinc in solution decreases. The active zinc species in the adsorbed state is

the singly-charged zinc hydroxide species (i.e., Zn[OH]+). The amount of zinc in solution generally increases when the pH is > 7 in soils high in organic matter. This is probably a result of either the release of organically complexed zinc, reduced zinc adsorption at higher pH, or an increase in the concentration of chelating agents in soil. Consequently, movement towards groundwater is expected to be slow (ATSDR 1997, 56531). Zinc would most likely be bound to the soil and move in the system by way of transport of soil particles by water as opposed to movement in the air because of volatilization or movement in the water as dissolved chemicals.

Bioavailability. With respect to bioconcentration from soil by terrestrial plants, invertebrates, and mammals, bioconcentration factors of 0.4, 8, and 0.6, respectively, have been reported. The concentration of zinc in plants depends on the plant species, soil pH, and the composition of the soil. Ordinarily, at pH values of 6.5 and above, zinc tends to be only slowly available to plants, especially if the zinc is present in their high-valent or oxidized forms. Consequently, most soils will tie up relatively large quantities of zinc if the soil pH is high and the drainage good (Brady 1974, 57672). Plant species do not concentrate zinc above the levels present in soil (ATSDR 1997, 56531).

2.0 HUMAN HEALTH RISK CALCULATIONS

Table 2.0-1 presents the calculation of the noncarcinogenic human health hazard. Table 2.0-2 presents the calculation of the carcinogenic human health risk. Table 2.0-3 presents the calculation of the radionuclide dose.

Table 2.0-1 Calculation of Hazard Index

Analyte	95% UCL (mg/kg)	SAL (mg/kg)	0.1 SAL (mg/kg)	HQ
Acetone 2.06	0.039	1600	160	2.4E-05
Aluminum 1.5E5	8015	74000	7400	0.1
Antimony 5.42	4.37	30	3	0.1
Barium 823	89.3	5200	520	0.017
2-Butanone 6.62	0.016	7300	730	2.2E-06
Cobalt 45.2	1.69	4500	450	0.0004
Copper 703	7.4	2800	280	0.0026
Fluoranthene 100	0.36	2300	230	0.0002
* Lead 9.17	25.66	400	40	0.06
Lithium	14.8	1600	160	0.009
Mercury	2.22	23	2.3	0.097
Nickel 26.1	6.6	1500	150	0.004
Perchlorate	0.05	7.8	0.78	0.006
Pyrene 56.8	0.29	1800	180	0.0002
Selenium 0.17	0.532	380	38	0.001
Silver 8.47	0.85	380	38	0.002
Strontium [illegible]	415	37000	3700	0.01
Thallium [illegible]	0.56	6.1	0.61	0.09
Toluene [illegible]	0.004	180	18	2.2E-05
Vanadium 5.07	8.29	530	53	0.02
Zinc [illegible]	62	23000	2300	0.003
HI	—	—	—	0.58 0.5

Table 2.0-2
Calculation of Carcinogenic Human Health Risk

Analyte	Exposure Point Concentration	SAL	Cancer Risk
Aroclor-1254	0.12	0.22	8.9×10^{-7}
Aroclor-1260	0.18	0.22	8.1×10^{-7}
Arsenic	3.7	0.39	9.5×10^{-6}
Chromium	12.4	210	5.9×10^{-8}
4,4'-DDT	0.0028	1.7	1.6×10^{-9}
		Total ICR =	**1.1×10^{-5}**

Table 2.0-3
Calculation of Radionuclide Dose

Radionuclide	UCL_{95} (pCi/g)	SAL (pCi/g)	Dose (mrem/yr)
Americium-241	0.065	39	0.25
Cesium-137	0.29	5.3	0.82
Plutonium-238	0.024	49	0.0074
Plutonium-239	1.25	44	0.43
Thorium-228	1.72	2	12.9
Thorium-230	1.24	5	3.7
Tritium	69.7	890	1.2
Uranium-234	2.39	63	0.57
Uranium-235	0.128	17	0.11
Uranium-238	1.54	86	0.27
		Total Dose =	20.0

3.0 ECOLOGICAL SCOPING CHECKLIST

Part A—Scoping Meeting Documentation

Site ID	SWMU 21-024(i)
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.	Site is an abandoned septic tank and outfall associated with a research laboratory (Bldg. TA-21-152) and two cooling towers (TA-21-166 and TA-21-167). Releases would have been liquid from the inlet and outlet drainlines as well as the septic tank as a result of leaks and would have been subsurface in nature. Releases at the outfall would have been discharge from the septic tank to the surface via the drainline. The discharge from the outfall flowed down the slope and eventually into Los Alamos Canyon.
List of Primary Impacted Media (Indicate all that apply.)	**XX - Surface soil - impacted by discharges at the outfall.** **XX - Surface water/sediment -** impacted by discharges at the outfall; sediment in catchment basins and possibly sediment in bottom of canyon/ possibly surface water including ephemeral stream channel in bottom of canyon. **XX - Subsurface** – impacted due to tank leak and beneath drain lines if they leaked. **Groundwater** – Due to the great depth to ground water and lack of saturated conditions, it is not expected that any release from the septic system would have impacted the groundwater.
FIMAD vegetation class based on Arcview vegetation coverage (indicate all that apply.)	**Water** – an ephemeral stream channel exists in the bottom of Los Alamos Canyon and flows eastward. The stream channel is located approximately 600 ft horizontally from and approximately 300 ft lower in elevation than the outfall. **Bare Ground/Unvegetated** – minimum ground cover at the outfall due to remediation, with grassy groundcover surrounds the site. **Spruce/fir/aspen/mixed conifer –** **Ponderosa pine –** **Piñon juniper/juniper savannah** –and scrub oak surrounds the site **Grassland/shrubland –** **Developed –**
Is T&E Habitat Present? If applicable, list species known or suspected to use the site for breeding or foraging.	The SWMU does not provide any habitat for nesting or foraging for T&E species. Los Alamos Canyon to the south provides some potential for the Mexican spotted owl. A hawk was seen in the air above the canyon during the site visit.
Provide list of Neighboring/ Contiguous/ Up-gradient sites, include a brief summary of COPCs and form of releases for relevant sites and reference map as appropriate. (Use information to evaluate need to aggregate sites for screening.)	There are no SWMUs contiguous with SWMU 21-024(i).
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.	**The Erosion Matrix score for this SWMU is 34.5, with a score of zero for runoff and a score of 11 for run-on (4 for current operations, and 7 for natural drainages onto site). The score also reflects it is within a bench of canyon (4), ground cover is 25-75% (6.5), and slope is >30% (13). Low potential exists for soil erosion at this site. The runoff appears to terminate on a geological bench on the canyon wall.**

Part B—Site Visit Documentation

Site ID	**SWMU 21-024(i)**
Date of Site Visit	**2000**
Site Visit Conducted by	**Rich Mirenda, Linda Causey, Jayne Jones**

Receptor Information

Estimate cover	**Relative vegetative cover (high, medium, low, none)** = very low **Relative wetland cover (high, medium, low, none)** = None **Relative structures/asphalt, etc. cover (high, medium, low, none)** = None
Field notes on the FIMAD vegetation class to assist in ground-truthing the Arcview information	The surrounding area has scrub oak, pinon, and juniper canopy cover with grassy groundcover.
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.	The septic tank is below the surface and in a disturbed area. This portion of the SWMU does not provide any habitat for nesting or foraging for T+E species. Los Alamos Canyon to the south provides some potential for the Mexican spotted owl.
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. The mesa top and bench portions of the SWMU have small mammals (such as squirrels), birds, reptiles (lizards and snakes) and spiders. Possibly a few large mammals such as the coyote, and deer. The canyon bottom receptors would include small and large mammals and small and large birds. Plant life is sparse – Area 1 is in a road, the surface of Area 2 was scraped down to 10 in. during remediation, and Area 3 is a barren bench with little soil on the side of the cliff. No aquatic receptors are present in the area or in BV canyon below the SWMU.

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 surface water runoff flows in a natural drainage from the outfall onto a geological bench located part way down the north face of the canyon wall. The terminal point is the geological bench. There was no evidence of erosion into the canyon due to the tuff walls. There were no gullies evident.
Are there any off-site transport pathways (surface water, air, or groundwater)? (yes/no/uncertain) **Provide explanation.**	Uncertain. Surface water, which is scarce, would be the primary off-site transport pathway. There is minimal evidence of sediment transport at Area 1 near the septic tank location. Air transport via particulates or fugitive dust may be a possibility if contaminants have been deposited on the surface of Area 3. Ground water is not a viable pathway because of the distance from the mesa top to the aquifer.
Interim action needed to limit off-site transport? (yes/no/uncertain) **Provide explanation/ recommendation to project lead for IA SMDP.**	An interim action has been conducted to remove contaminated soil and the source (septic tank and drainlines).

Ecological Effects Information:

Physical Disturbance (Provide list of major types of disturbances, including erosion and construction activities, review historical aerial photos where appropriate.)	The mesa top portion of this SWMU (Area 1) is a disturbed area, with light industrial land use. The outfall area (Area 2) has been remediated by removing the top 10 in. of soil/fill/tuff. Downgradient from the outfall (Area 3) is in a natural state.
Are there obvious ecological effects? (yes/no/uncertain) Provide explanation and apparent cause (e.g., contamination, physical disturbance, other).	The obvious ecological effects are related to the developed area. The outfall, drainage, and canyon areas do not have any obvious ecological effects.
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. Contaminated soil and source (septic tank and drainlines) have been removed.

No Exposure/Transport Pathways

If there are no complete exposure pathways 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. The septic tank was subsurface and about 10 ft deep. The inlet drainline was approximately 1 ft bgs and the outlet drainline was at surface level. The septic tank and drainlines have been removed. The area beneath the septic tank does not have any ecological receptors and there are no complete pathways to receptors. Therefore, the area of the septic tank was not evaluated for potential ecological risk. There may have been complete pathways to plant and animal receptors from the outfall, which has since been remediated. There is no evidence of burrowing due to very shallow soil.

Adequacy of Site Characterization

Do existing or proposed data provide information on the nature, rate and extent of contamination? (yes/no/uncertain) Provide explanation (Consider if the maximum value was captured by existing sample data.)	Yes. In Area 1, radiation surveys have been conducted and soil samples collected. In Area 2, radiation surveys have been conducted. Soil has been removed and confirmation samples collected. In Area 3, radiation surveys have been conducted and samples collected in sediment catchment areas that coincide with higher levels of radiation detected on field instruments.
Do existing or proposed data for the site address potential transport pathways of site contamination? (yes/no/uncertain) Provide explanation (Consider if other sites should be aggregated to characterize potential ecological risk.)	Yes. The primary pathway was effluent runoff into the drainage when the septic system was operational. Samples collected from the outfall, drainage and bench address this potential pathway. Storm water or snow melt is the now the primary pathway, however, precipitation is sparse.

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): Likely

Provide explanation: Tritium was detected in and near the septic tank at depth. Volatile organic chemicals were detected infrequently for the rest of the SWMU.

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): Unlikely

Provide explanation: Releases from the outfall have been remediated. Residual contamination in the drainage and on the geological bench may be available to receptors via minimal fugitive dust or particulates.

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: The runoff score was 0.0, indicating that erosion at the site is not a transport pathway.

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: Seeps and springs are not present in the canyon area where the outfall discharged.

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: The ground water is several hundred feet below the surface and does not discharge to the surface. The majority of the contaminants are not very mobile. Those COPCs that are water soluble (i.e., acetone, 2-butanone, perchlorate, and toluene) were infrequently detected.

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: The Surface Water Assessment (SOP 2.01 referenced in Question C above) indicated that there was no visible erosion evident. Therefore, subsurface materials or perched aquifers would not be affected by this type of erosion. Although the outfall is near the mesa edge, the canyon slope appears to be stable and no evidence of mass wasting was found.

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: 0

Terrestrial Animals: 1

Provide explanation: Tritium was detected in and around the septic tank. However, there are no plants within the immediate vicinity of the septic tank. For an inhalation exposure to an animal to occur, the animal would have to remain in the area. There was no sign of burrowing around the tank. Volatile organic chemicals were detected very sporadically in Areas 2 and 3.

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): 1

Terrestrial Plants: 0

Terrestrial Animals: 0

Provide explanation: Area 1 is subsurface and there was no evidence of burrowing and no plant life due to industrial development. The surface of Area 2 has been remediated. Area 3 is not conducive to animal habitat and is sparsely vegetated due to its location on the side of a cliff.

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: 0

Provide explanation: There is no vegetation in Area 1 due to industrial activity and none in Area 2 due to remediation. Area 3 has very little vegetation available for rain splash.

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: Aroclor-1254 was detected in Area 3 at 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: 1

Provide explanation: There is very little vegetation on the site. However, an animal could incidentally ingest surface soil while grooming.

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: 2

Provide explanation: Aroclor-1254 was detected in Area 3 at low concentrations.

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: 0

Terrestrial Animals: 1

Provide explanation: Gamma emitting radionuclides were only detected sporadically at this site. Cesium-137 was detected in only 4 out of 32 samples. Only 3 of those samples were within the 0 to 5 ft depth. All three of those samples were from the 0.5- to 1-ft depth, indicating there was at least six inches of soil cover (the overlying samples had no detections of cesium-137).

Stream and Canyon Bottom

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: 2

Provide explanation: Contaminants may be available to receptor via these pathways in the canyon. The canyon is well vegetated and not likely to produce much in the way of fugitive dust or particulates. However, there is the potential for contaminants to be taken up by plants via roots as well as rain splash.

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: 2

Provide explanation: PCBs (in the form of Aroclor-1254 and –1260 were detected in 23 of 88 samples, or approximately 26% of the time. DDT and DDE were detected in 3 of 53 samples, or approximately 6% of the time. Mercury was detected in 43 of 98 samples, or approximately 44% of the time. Isotopic uranium (i.e., uranium-234, -235, and -238) was detected in 17 of 269 samples, or approximately 6% of the time. All concentrations were low values.

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: 1

Provide explanation: Contaminants were detected in sediment catchments along the drainage and on the geological bench. These areas are rarely inundated with water from storm water or snowmelt so that contaminants could be available via incidental ingestion of water and suspended sediments by terrestrial receptors. Contaminants may have reached the ephemeral stream channel in the bottom of Los Alamos Canyon; however, the concentrations would most likely be lower due to dilution from the storm water or snowmelt.

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: 2

Provide explanation: Aroclor-1254 and -1260 were detected at low levels in sediment catchments along the drainage and on the geological bench. These areas are rarely inundated with water from storm water or snowmelt so that contaminants could be available via incidental ingestion of water and suspended sediments by terrestrial receptors.

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: Gamma emitting radionuclides were only detected sporadically at this site. Cesium-137 was detected in low concentrations in only 4 out of 32 samples. Only 3 of those samples were within the 0 to 5 ft depth considered for ecological exposure. All three of those samples were from the 0.5 to 1 ft depth, indicating there was at least six inches of soil cover (the overlying samples had no detections of cesium-137).

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 aquatic vegetation present in the ephemeral stream channel in Los Alamos Canyon below SWMU 21-024(i).

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 are no aquatic receptors present in the ephemeral stream channel in Los Alamos Canyon below SWMU 21-024(i).

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 are no aquatic receptors present in the ephemeral stream channel in Los Alamos Canyon below SWMU 21-024(i).

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 are no aquatic receptors present in the ephemeral stream channel in Los Alamos Canyon below SWMU 21-024(i).

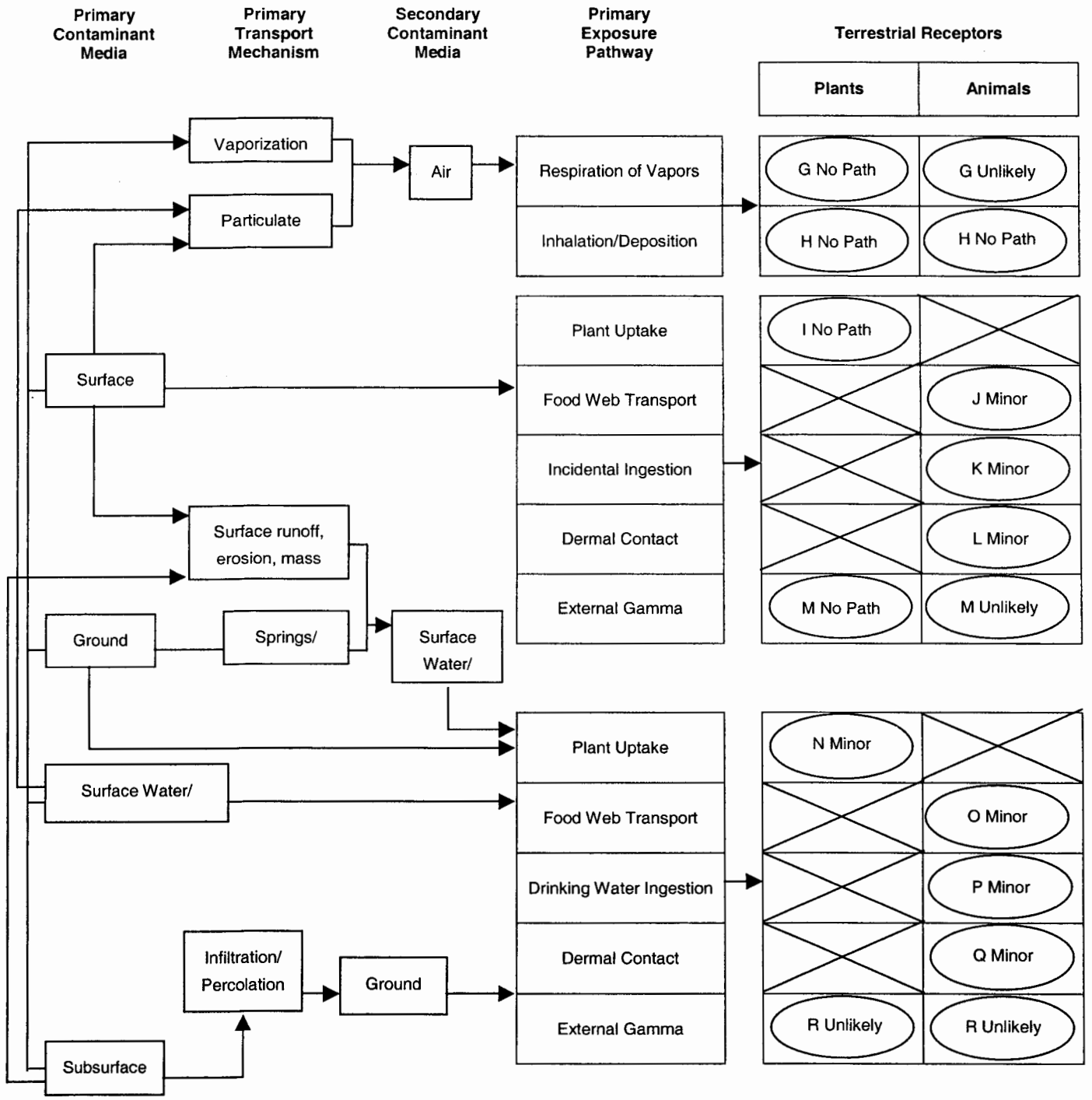
4.0 ECOLOGICAL RISK CALCULATIONS

Table 4.0-1 presents the ESLs for each terrestrial receptor and each COPC from the Laboratory's ECORISK database (LANL 2002, 67822).

NOTE:

Letters in circles refer to questions on the Scoping Checklist

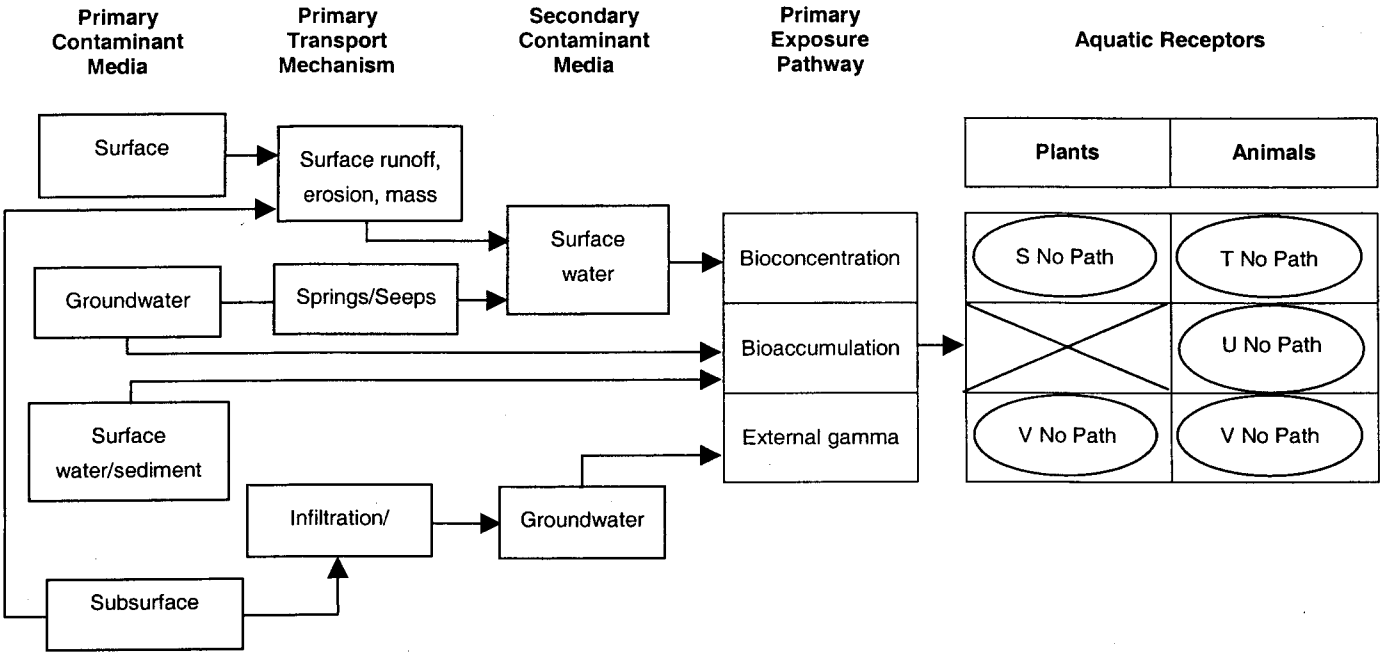
Ecological Scoping Checklist
Terrestrial Receptors
Ecological Pathways Conceptual Exposure Model



NOTE:

Letters in circles refer to questions on the Scoping Checklist

Ecological Scoping Checklist
Aquatic Receptors
Ecological Pathways Conceptual Exposure Model



Signatures and certifications:

Checklist completed by (provide name, organization and phone number):

Name (printed): Linda Causey

Name (signature): Linda Causey

Organization: Program Management Company

Phone number: (505) 662-1365

Date Completed: **02/28/2003**

Verification by a member of RRES-R Program Ecological Risk Task Team (provide name, organization and phone number):

Name (printed): Rich Mirenda

Name (signature): Richard Mirenda

Organization: RRES-R

Phone number: 665-6953

Table 4.0-1

Analyte	Media	Receptor	ESL	Units	Diet	Areas 1 and 2 Exposure Point Concentration	Area 3 Exposure Point Concentration	Areas 1 and 2 HI	Area 3 HI
Aluminum	Soil	Generic plant (terrestrial autotroph - producer)	5.00E+00	mg/kg	Not applicable	14714	9120	2.94E+03	1.82E+03
Aluminum	Soil	Vagrant shrew (mammalian insectivore)	8.80E+00	mg/kg	100% invertebrate	14714	9120	1.67E+03	1.04E+03
Aluminum	Soil	Deer mouse (mammalian omnivore)	1.80E+01	mg/kg	50% invertebrate/50% plant	14714	9120	8.17E+02	5.07E+02
Aluminum	Soil	American robin (avian insectivore)	2.80E+02	mg/kg	100% invertebrate	14714	9120	5.26E+01	3.26E+01
Aluminum	Soil	American robin (avian omnivore)	5.10E+02	mg/kg	50% invertebrate/50% plant	14714	9120	2.89E+01	1.79E+01
Aluminum	Soil	Desert cottontail (mammalian herbivore)	7.60E+02	mg/kg	100% plant	14714	9120	1.94E+01	1.20E+01
Aluminum	Soil	Red fox (mammalian top carnivore)	1.40E+03	mg/kg	100% flesh	14714	9120	1.05E+01	6.51E+00
Aluminum	Soil	American kestrel (avian intermediate carnivore)	2.10E+03	mg/kg	50% flesh/ 50% invertebrate	14714	9120	7.01E+00	4.34E+00
Aluminum	Soil	American robin (Avian herbivore)	2.90E+03	mg/kg	100% plant	14714	9120	5.07E+00	3.14E+00
Aluminum	Soil	American kestrel (avian top carnivore)	5.20E+04	mg/kg	100% flesh	14714	9120	2.83E-01	1.75E-01
Antimony	Soil	Vagrant shrew (mammalian insectivore)	1.60E-02	mg/kg	100% invertebrate	—	5.29	—	3.31E+02
Antimony	Soil	Deer mouse (mammalian omnivore)	2.80E-02	mg/kg	50% invertebrate/50% plant	—	5.29	—	1.89E+02
Antimony	Soil	Generic plant (terrestrial autotroph - producer)	5.00E-02	mg/kg	Not applicable	—	5.29	—	1.06E+02
Antimony	Soil	Desert cottontail (mammalian herbivore)	1.70E-01	mg/kg	100% plant	—	5.29	—	3.11E+01
Antimony	Soil	Red fox (mammalian top carnivore)	2.70E+00	mg/kg	100% flesh	—	5.29	—	1.96E+00
Arsenic	Soil	Vagrant shrew (mammalian insectivore)	8.30E-01	mg/kg	100% invertebrate	4.09	8.13	4.93E+00	9.80E+00
Arsenic	Soil	Deer mouse (mammalian omnivore)	1.70E+00	mg/kg	50% invertebrate/50% plant	4.09	8.13	2.41E+00	4.78E+00
Arsenic	Soil	Earthworm (soil-dwelling invertebrate)	6.80E+00	mg/kg	Not applicable	4.09	8.13	6.01E-01	1.20E+00
Arsenic	Soil	Generic plant (terrestrial autotroph - producer)	1.00E+01	mg/kg	Not applicable	4.09	8.13	4.09E-01	8.13E-01
Arsenic	Soil	American robin (avian insectivore)	1.90E+01	mg/kg	100% invertebrate	4.09	8.13	2.15E-01	4.28E-01
Arsenic	Soil	Desert cottontail (mammalian herbivore)	2.10E+01	mg/kg	100% plant	4.09	8.13	1.95E-01	3.87E-01
Arsenic	Soil	American robin (avian omnivore)	3.20E+01	mg/kg	50% invertebrate/50% plant	4.09	8.13	1.28E-01	2.54E-01
Arsenic	Soil	Red fox (mammalian top carnivore)	9.70E+01	mg/kg	100% flesh	4.09	8.13	4.22E-02	8.38E-02
Arsenic	Soil	American robin (avian herbivore)	1.00E+02	mg/kg	100% plant	4.09	8.13	4.09E-02	8.13E-02
Arsenic	Soil	American kestrel (avian intermediate carnivore)	1.40E+02	mg/kg	50% flesh/50% invertebrate	4.09	8.13	2.92E-02	5.81E-02
Arsenic	Soil	American kestrel (avian top carnivore)	2.40E+03	mg/kg	100% flesh	4.09	8.13	1.70E-03	3.39E-03

Table 4.0-1 (cont.)

Analyte	Media	Receptor	ESL	Units	Diet	Areas 1 and 2 Exposure Point Concentration	Area 3 Exposure Point Concentration	Areas 1 and 2 HI	Area 3 HI
Barium	Soil	Vagrant shrew (mammalian insectivore)	2.50E+00	mg/kg	100% invertebrate	108	288	4.32E+01	1.15E+02
Barium	Soil	Deer mouse (mammalian omnivore)	4.60E+00	mg/kg	50% invertebrate/50% plant	108	288	2.35E+01	6.26E+01
Barium	Soil	Desert cottontail (mammalian herbivore)	3.50E+01	mg/kg	100% plant	108	288	3.09E+00	8.23E+00
Barium	Soil	Generic plant (terrestrial autotroph - producer)	1.00E+02	mg/kg	Not applicable	108	288	1.08E+00	2.88E+00
Barium	Soil	American robin (avian insectivore)	2.30E+02	mg/kg	100% invertebrate	108	288	4.70E-01	1.25E+00
Barium	Soil	American robin (avian omnivore)	3.80E+02	mg/kg	50% invertebrate/50% plant	108	288	2.84E-01	7.58E-01
Barium	Soil	Red fox (mammalian top carnivore)	4.30E+02	mg/kg	100% flesh	108	288	2.51E-01	6.70E-01
Barium	Soil	American robin (avian herbivore)	1.00E+03	mg/kg	100% plant	108	288	1.08E-01	2.88E-01
Barium	Soil	American kestrel (avian intermediate carnivore)	1.70E+03	mg/kg	50% flesh/50% invertebrate	108	288	6.35E-02	1.69E-01
Barium	Soil	American kestrel (avian top carnivore)	4.60E+04	mg/kg	100% flesh	108	288	2.35E-03	6.26E-03
Chromium (total)	Soil	Earthworm (soil-dwelling invertebrate)	1.40E+00	mg/kg	Not applicable	10.1	16	7.21E+00	1.14E+01
Chromium (total)	Soil	Generic plant (terrestrial autotroph - producer)	2.40E+00	mg/kg	Not applicable	10.1	16	4.21E+00	6.67E+00
Chromium (total)	Soil	American robin (avian insectivore)	4.60E+02	mg/kg	100% invertebrate	10.1	16	2.20E-02	3.48E-02
Chromium (total)	Soil	American robin (avian omnivore)	5.50E+02	mg/kg	50% invertebrate/50% plant	10.1	16	1.84E-02	2.91E-02
Chromium (total)	Soil	American robin (avian herbivore)	6.80E+02	mg/kg	100% plant	10.1	16	1.49E-02	2.35E-02
Chromium (total)	Soil	Vagrant shrew (mammalian insectivore)	7.00E+02	mg/kg	100% invertebrate	10.1	16	1.44E-02	2.29E-02
Chromium (total)	Soil	Deer mouse (mammalian omnivore)	2.10E+03	mg/kg	50% invertebrate/50% plant	10.1	16	4.81E-03	7.62E-03
Chromium (total)	Soil	American kestrel (avian intermediate carnivore)	5.30E+03	mg/kg	50% flesh/50% invertebrate	10.1	16	1.91E-03	3.02E-03
Chromium (total)	Soil	Desert cottontail (mammalian herbivore)	8.00E+03	mg/kg	100% plant	10.1	16	1.26E-03	2.00E-03
Chromium (total)	Soil	American kestrel (avian top carnivore)	1.30E+04	mg/kg	100% flesh	10.1	16	7.77E-04	1.23E-03
Chromium (total)	Soil	Red fox (mammalian top carnivore)	1.80E+04	mg/kg	100% flesh	10.1	16	5.61E-04	8.89E-04
Cobalt	Soil	American robin (avian insectivore)	5.10E-02	mg/kg	100% invertebrate	2.26	5.9	4.43E+01	1.16E+02
Cobalt	Soil	Vagrant shrew (mammalian insectivore)	9.10E-02	mg/kg	100% invertebrate	2.26	5.9	2.48E+01	6.48E+01
Cobalt	Soil	American robin (avian omnivore)	9.30E-02	mg/kg	50% invertebrate/50% plant	2.26	5.9	2.43E+01	6.34E+01
Cobalt	Soil	Deer mouse (mammalian omnivore)	1.90E-01	mg/kg	50% invertebrate/50% plant	2.26	5.9	1.19E+01	3.11E+01
Cobalt	Soil	Generic plant (terrestrial autotroph - producer)	2.50E-01	mg/kg	Not applicable	2.26	5.9	9.04E+00	2.36E+01
Cobalt	Soil	American kestrel (avian intermediate carnivore)	3.80E-01	mg/kg	50% flesh/50% invertebrate	2.26	5.9	5.95E+00	1.55E+01
Cobalt	Soil	American robin (avian herbivore)	4.60E-01	mg/kg	100% plant	2.26	5.9	4.91E+00	1.28E+01
Cobalt	Soil	Desert cottontail (mammalian herbivore)	5.00E+00	mg/kg	100% plant	2.26	5.9	4.52E-01	1.18E+00
Cobalt	Soil	American kestrel (avian top carnivore)	6.00E+00	mg/kg	100% flesh	2.26	5.9	3.77E-01	9.83E-01
Cobalt	Soil	Red fox (mammalian top carnivore)	1.00E+01	mg/kg	100% flesh	2.26	5.9	2.26E-01	5.90E-01
Copper	Soil	Generic plant (terrestrial autotroph - producer)	1.00E+01	mg/kg	Not applicable	6.15	9.21	6.15E-01	9.21E-01

Table 4.0-1 (cont.)

Analyte	Media	Receptor	ESL	Units	Diet	Areas 1 and 2 Exposure Point Concentration	Area 3 Exposure Point Concentration	Areas 1 and 2 HI	Area 3 HI
Copper	Soil	Earthworm (soil-dwelling invertebrate)	1.30E+01	mg/kg	Not applicable	6.15	9.21	4.73E-01	7.08E-01
Copper	Soil	American robin (avian herbivore)	1.70E+01	mg/kg	100% plant	6.15	9.21	3.62E-01	5.42E-01
Copper	Soil	American robin (avian omnivore)	2.00E+01	mg/kg	50% invertebrate/50% plant	6.15	9.21	3.08E-01	4.61E-01
Copper	Soil	American robin (avian insectivore)	2.50E+01	mg/kg	100% invertebrate	6.15	9.21	2.46E-01	3.68E-01
Copper	Soil	American kestrel (avian intermediate carnivore)	2.10E+02	mg/kg	50% flesh/50% invertebrate	6.15	9.21	2.93E-02	4.39E-02
Copper	Soil	Vagrant shrew (mammalian insectivore)	5.20E+02	mg/kg	100% invertebrate	6.15	9.21	1.18E-02	1.77E-02
Copper	Soil	Deer mouse (mammalian omnivore)	5.30E+02	mg/kg	50% invertebrate/50% plant	6.15	9.21	1.16E-02	1.74E-02
Copper	Soil	Desert cottontail (mammalian herbivore)	9.30E+02	mg/kg	100% plant	6.15	9.21	6.61E-03	9.90E-03
Copper	Soil	American kestrel (avian top carnivore)	1.40E+03	mg/kg	100% flesh	6.15	9.21	4.39E-03	6.58E-03
Copper	Soil	Red fox (mammalian top carnivore)	2.70E+04	mg/kg	100% flesh	6.15	9.21	2.28E-04	3.41E-04
Lead	Soil	Vagrant shrew (mammalian insectivore)	1.00E+02	mg/kg	100% invertebrate	15.7	52	1.57E-01	5.20E-01
Lead	Soil	American robin (avian insectivore)	1.50E+02	mg/kg	100% invertebrate	15.7	52	1.05E-01	3.47E-01
Lead	Soil	American robin (avian omnivore)	2.00E+02	mg/kg	50% invertebrate/50% plant	15.7	52	7.85E-02	2.60E-01
Lead	Soil	Deer mouse (mammalian omnivore)	2.20E+02	mg/kg	50% invertebrate/50% plant	15.7	52	7.14E-02	2.36E-01
Lead	Soil	American robin (avian herbivore)	3.00E+02	mg/kg	100% plant	15.7	52	5.23E-02	1.73E-01
Lead	Soil	Generic plant (terrestrial autotroph - producer)	5.20E+02	mg/kg	Not applicable	15.7	52	3.02E-02	1.00E-01
Lead	Soil	Desert cottontail (mammalian herbivore)	9.30E+02	mg/kg	100% plant	15.7	52	1.69E-02	5.59E-02
Lead	Soil	American kestrel (avian intermediate carnivore)	1.40E+03	mg/kg	50% flesh/50% invertebrate	15.7	52	1.12E-02	3.71E-02
Lead	Soil	Earthworm (soil-dwelling invertebrate)	2.00E+03	mg/kg	Not applicable	15.7	52	7.85E-03	2.60E-02
Lead	Soil	Red fox (mammalian top carnivore)	4.60E+03	mg/kg	100% flesh	15.7	52	3.41E-03	1.13E-02
Lead	Soil	American kestrel (avian top carnivore)	7.80E+03	mg/kg	100% flesh	15.7	52	2.01E-03	6.67E-03
Mercury (inorganic)	Soil	Earthworm (soil-dwelling invertebrate)	5.00E-02	mg/kg	Not applicable	0.315	3.23	6.30E+00	6.46E+01
Mercury (inorganic)	Soil	American robin (avian insectivore)	6.10E-01	mg/kg	100% invertebrate	0.315	3.23	5.16E-01	5.30E+00
Mercury (inorganic)	Soil	American robin (avian omnivore)	8.70E-01	mg/kg	50% invertebrate/50% plant	0.315	3.23	3.62E-01	3.71E+00
Mercury (inorganic)	Soil	American robin (avian herbivore)	1.40E+00	mg/kg	100% plant	0.315	3.23	2.25E-01	2.31E+00
Mercury (inorganic)	Soil	American kestrel (avian intermediate carnivore)	4.60E+00	mg/kg	50% flesh/50% invertebrate	0.315	3.23	6.85E-02	7.02E-01
Mercury (inorganic)	Soil	American kestrel (avian top carnivore)	1.20E+01	mg/kg	100% flesh	0.315	3.23	2.63E-02	2.69E-01
Mercury (inorganic)	Soil	Vagrant shrew (mammalian insectivore)	2.00E+01	mg/kg	100% invertebrate	0.315	3.23	1.58E-02	1.62E-01
Mercury (inorganic)	Soil	Generic plant (terrestrial autotroph - producer)	3.40E+01	mg/kg	Not applicable	0.315	3.23	9.26E-03	9.50E-02
Mercury (inorganic)	Soil	Deer mouse (mammalian omnivore)	4.40E+01	mg/kg	50% invertebrate/50% plant	0.315	3.23	7.16E-03	7.34E-02
Mercury (inorganic)	Soil	Desert cottontail (mammalian herbivore)	2.50E+02	mg/kg	100% plant	0.315	3.23	1.26E-03	1.29E-02
Mercury (inorganic)	Soil	Red fox (mammalian top carnivore)	4.50E+02	mg/kg	100% flesh	0.315	3.23	7.00E-04	7.18E-03

Table 4.0-1 (cont.)

Analyte	Media	Receptor	ESL	Units	Diet	Areas 1 and 2 Exposure Point Concentration	Area 3 Exposure Point Concentration	Areas 1 and 2 HI	Area 3 HI
Nickel	Soil	Vagrant shrew (mammalian insectivore)	1.50E+00	mg/kg	100% invertebrate	7.57	7	5.05E+00	4.67E+00
Nickel	Soil	Deer mouse (mammalian omnivore)	3.60E+00	mg/kg	50% invertebrate/50% plant	7.57	7	2.10E+00	1.94E+00
Nickel	Soil	Desert cottontail (mammalian herbivore)	1.30E+01	mg/kg	100% plant	7.57	7	5.82E-01	5.38E-01
Nickel	Soil	Generic plant (terrestrial autotroph - producer)	2.00E+01	mg/kg	Not applicable	7.57	7	3.79E-01	3.50E-01
Nickel	Soil	Red fox (mammalian top carnivore)	5.30E+01	mg/kg	100% flesh	7.57	7	1.43E-01	1.32E-01
Nickel	Soil	Earthworm (soil-dwelling invertebrate)	1.00E+02	mg/kg	Not applicable	7.57	7	7.57E-02	7.00E-02
Nickel	Soil	American robin (avian insectivore)	3.50E+02	mg/kg	100% invertebrate	7.57	7	2.16E-02	2.00E-02
Nickel	Soil	American robin (avian omnivore)	4.40E+02	mg/kg	50% invertebrate/50% plant	7.57	7	1.72E-02	1.59E-02
Nickel	Soil	American robin (avian herbivore)	5.80E+02	mg/kg	100% plant	7.57	7	1.31E-02	1.21E-02
Nickel	Soil	American kestrel (avian intermediate carnivore)	3.50E+03	mg/kg	50% flesh/50% invertebrate	7.57	7	2.16E-03	2.00E-03
Nickel	Soil	American kestrel (avian top carnivore)	1.30E+04	mg/kg	100% flesh	7.57	7	5.82E-04	5.38E-04
Selenium	Soil	Generic plant (terrestrial autotroph - producer)	1.00E-01	mg/kg	Not applicable	0.612	1.06	6.12E+00	1.06E+01
Selenium	Soil	Vagrant shrew (mammalian insectivore)	9.10E-01	mg/kg	100% invertebrate	0.612	1.06	6.73E-01	1.16E+00
Selenium	Soil	American robin (avian insectivore)	1.10E+00	mg/kg	100% invertebrate	0.612	1.06	5.56E-01	9.64E-01
Selenium	Soil	Deer mouse (mammalian omnivore)	1.90E+00	mg/kg	50% invertebrate/50% plant	0.612	1.06	3.22E-01	5.58E-01
Selenium	Soil	American robin (avian omnivore)	2.00E+00	mg/kg	50% invertebrate/50% plant	0.612	1.06	3.06E-01	5.30E-01
Selenium	Soil	Earthworm (soil-dwelling invertebrate)	7.70E+00	mg/kg	Not applicable	0.612	1.06	7.95E-02	1.38E-01
Selenium	Soil	American kestrel (avian intermediate carnivore)	8.40E+00	mg/kg	50% flesh/50% invertebrate	0.612	1.06	7.29E-02	1.26E-01
Selenium	Soil	American robin (avian herbivore)	1.00E+01	mg/kg	100% plant	0.612	1.06	6.12E-02	1.06E-01
Selenium	Soil	Desert cottontail (mammalian herbivore)	5.50E+01	mg/kg	100% plant	0.612	1.06	1.11E-02	1.93E-02
Selenium	Soil	Red fox (mammalian top carnivore)	1.10E+02	mg/kg	100% flesh	0.612	1.06	5.56E-03	9.64E-03
Selenium	Soil	American kestrel (avian top carnivore)	1.40E+02	mg/kg	100% flesh	0.612	1.06	4.37E-03	7.57E-03
Silver	Soil	Generic plant (terrestrial autotroph - producer)	5.00E-02	mg/kg	Not applicable	0.868	0.39	1.74E+01	7.80E+00
Silver	Soil	American robin (avian insectivore)	1.40E+01	mg/kg	100% invertebrate	0.868	0.39	6.20E-02	2.79E-02
Silver	Soil	American robin (avian omnivore)	1.90E+01	mg/kg	50% invertebrate/50% plant	0.868	0.39	4.57E-02	2.05E-02
Silver	Soil	American robin (avian herbivore)	3.00E+01	mg/kg	100% plant	0.868	0.39	2.89E-02	1.30E-02
Silver	Soil	Vagrant shrew (mammalian insectivore)	8.60E+01	mg/kg	100% invertebrate	0.868	0.39	1.01E-02	4.53E-03
Silver	Soil	American kestrel (avian intermediate carnivore)	1.00E+02	mg/kg	50% flesh/50% invertebrate	0.868	0.39	8.68E-03	3.90E-03
Silver	Soil	Deer mouse (mammalian omnivore)	1.30E+02	mg/kg	50% invertebrate/50% plant	0.868	0.39	6.68E-03	3.00E-03
Silver	Soil	Desert cottontail (mammalian herbivore)	4.90E+02	mg/kg	100% plant	0.868	0.39	1.77E-03	7.96E-04
Silver	Soil	American kestrel (avian top carnivore)	2.40E+03	mg/kg	100% flesh	0.868	0.39	3.62E-04	1.63E-04
Silver	Soil	Red fox (mammalian top carnivore)	1.40E+04	mg/kg	100% flesh	0.868	0.39	6.20E-05	2.79E-05

Table 4.0-1 (cont.)

Analyte	Media	Receptor	ESL	Units	Diet	Areas 1 and 2 Exposure Point Concentration	Area 3 Exposure Point Concentration	Areas 1 and 2 HI	Area 3 HI
Strontium (stable)	Soil	Deer mouse (mammalian omnivore)	7.10E+01	mg/kg	50% invertebrate/50% plant	223	—	3.14E+00	—
Strontium (stable)	Soil	Vagrant shrew (mammalian insectivore)	1.10E+02	mg/kg	100% invertebrate	223	—	2.03E+00	—
Strontium (stable)	Soil	Desert cottontail (mammalian herbivore)	1.10E+02	mg/kg	100% plant	223	—	2.03E+00	—
Strontium (stable)	Soil	Red fox (mammalian top carnivore)	1.90E+04	mg/kg	100% flesh	223	—	1.17E-02	—
Thallium	Soil	Vagrant shrew (mammalian insectivore)	3.20E-02	mg/kg	100% invertebrate	0.827	0.16	2.58E+01	5.00E+00
Thallium	Soil	Deer mouse (mammalian omnivore)	6.80E-02	mg/kg	50% invertebrate/50% plant	0.827	0.16	1.22E+01	2.35E+00
Thallium	Soil	Generic plant (terrestrial autotroph - producer)	1.00E-01	mg/kg	Not applicable	0.827	0.16	8.27E+00	1.60E+00
Thallium	Soil	Desert cottontail (mammalian herbivore)	2.80E+00	mg/kg	100% plant	0.827	0.16	2.95E-01	5.71E-02
Thallium	Soil	Red fox (mammalian top carnivore)	2.80E+00	mg/kg	100% flesh	0.827	0.16	2.95E-01	5.71E-02
Vanadium	Soil	Generic plant (terrestrial autotroph - producer)	2.50E-02	mg/kg	Not applicable	15.1	37.8	6.04E+02	1.51E+03
Vanadium	Soil	American robin (avian insectivore)	2.80E+00	mg/kg	100% invertebrate	15.1	37.8	5.39E+00	1.35E+01
Vanadium	Soil	American robin (avian omnivore)	5.10E+00	mg/kg	50% invertebrate/50% plant	15.1	37.8	2.96E+00	7.41E+00
Vanadium	Soil	Vagrant shrew (mammalian insectivore)	9.60E+00	mg/kg	100% invertebrate	15.1	37.8	1.57E+00	3.94E+00
Vanadium	Soil	Deer mouse (mammalian omnivore)	2.00E+01	mg/kg	50% invertebrate/50% plant	15.1	37.8	7.55E-01	1.89E+00
Vanadium	Soil	American kestrel (avian intermediate carnivore)	2.10E+01	mg/kg	50% flesh/50% invertebrate	15.1	37.8	7.19E-01	1.80E+00
Vanadium	Soil	American robin (avian herbivore)	2.80E+01	mg/kg	100% plant	15.1	37.8	5.39E-01	1.35E+00
Vanadium	Soil	American kestrel (avian top carnivore)	5.10E+02	mg/kg	100% flesh	15.1	37.8	2.96E-02	7.41E-02
Vanadium	Soil	Desert cottontail (mammalian herbivore)	7.90E+02	mg/kg	100% plant	15.1	37.8	1.91E-02	4.78E-02
Vanadium	Soil	Red fox (mammalian top carnivore)	1.50E+03	mg/kg	100% flesh	15.1	37.8	1.01E-02	2.52E-02
Zinc	Soil	Vagrant shrew (mammalian insectivore)	1.90E-01	mg/kg	100% invertebrate	58.7	98.8	3.09E+02	5.20E+02
Zinc	Soil	Deer mouse (mammalian omnivore)	2.80E-01	mg/kg	50% invertebrate/50% plant	58.7	98.8	2.10E+02	3.53E+02
Zinc	Soil	Desert cottontail (mammalian herbivore)	1.00E+00	mg/kg	100% plant	58.7	98.8	5.87E+01	9.88E+01
Zinc	Soil	Generic plant (terrestrial autotroph - producer)	1.00E+01	mg/kg	Not applicable	58.7	98.8	5.87E+00	9.88E+00
Zinc	Soil	Red fox (mammalian top carnivore)	1.20E+01	mg/kg	100% flesh	58.7	98.8	4.89E+00	8.23E+00
Zinc	Soil	American robin (avian insectivore)	9.70E+01	mg/kg	100% invertebrate	58.7	98.8	6.05E-01	1.02E+00
Zinc	Soil	American robin (avian omnivore)	1.30E+02	mg/kg	50% invertebrate/50% plant	58.7	98.8	4.52E-01	7.60E-01
Zinc	Soil	American robin (avian herbivore)	2.10E+02	mg/kg	100% plant	58.7	98.8	2.80E-01	4.70E-01
Zinc	Soil	Earthworm (soil-dwelling invertebrate)	3.50E+02	mg/kg	Not applicable	58.7	98.8	1.68E-01	2.82E-01
Zinc	Soil	American kestrel (avian intermediate carnivore)	6.60E+02	mg/kg	50% flesh/50% invertebrate	58.7	98.8	8.89E-02	1.50E-01
Zinc	Soil	American kestrel (avian top carnivore)	4.90E+03	mg/kg	100% flesh	58.7	98.8	1.20E-02	2.02E-02
Aroclor-1254	Soil	Vagrant shrew (mammalian insectivore)	2.20E-02	mg/kg	100% invertebrate	0.11	0.58	5.00E+00	2.64E+01
Aroclor-1254	Soil	American robin (avian insectivore)	4.10E-02	mg/kg	100% invertebrate	0.11	0.58	2.68E+00	1.41E+01

Table 4.0-1 (cont.)

Analyte	Media	Receptor	ESL	Units	Diet	Areas 1 and 2 Exposure Point Concentration	Area 3 Exposure Point Concentration	Areas 1 and 2 HI	Area 3 HI
Aroclor-1254	Soil	Deer mouse (mammalian omnivore)	4.50E-02	mg/kg	50% invertebrate/50% plant	0.11	0.58	2.44E+00	1.29E+01
Aroclor-1254	Soil	American robin (avian omnivore)	8.00E-02	mg/kg	50% invertebrate/50% plant	0.11	0.58	1.38E+00	7.25E+00
Aroclor-1254	Soil	Red fox (mammalian top carnivore)	1.50E-01	mg/kg	100% flesh	0.11	0.58	7.33E-01	3.87E+00
Aroclor-1254	Soil	American kestrel (avian intermediate carnivore)	1.70E-01	mg/kg	50% flesh/50% invertebrate	0.11	0.58	6.47E-01	3.41E+00
Aroclor-1254	Soil	American kestrel (avian top carnivore)	2.20E-01	mg/kg	100% flesh	0.11	0.58	5.00E-01	2.64E+00
Aroclor-1254	Soil	American robin (avian herbivore)	1.40E+00	mg/kg	100% plant	0.11	0.58	7.86E-02	4.14E-01
Aroclor-1254	Soil	Desert cottontail (mammalian herbivore)	2.80E+00	mg/kg	100% plant	0.11	0.58	3.93E-02	2.07E-01
Aroclor-1254	Soil	Generic plant (terrestrial autotroph - producer)	1.00E+01	mg/kg	Not applicable	0.11	0.58	1.10E-02	5.80E-02
Aroclor-1260	Soil	American robin (avian insectivore)	4.40E-01	mg/kg	100% invertebrate	—	0.26	—	5.91E-01
Aroclor-1260	Soil	American robin (avian omnivore)	8.60E-01	mg/kg	50% invertebrate/50% plant	—	0.26	—	3.02E-01
Aroclor-1260	Soil	American kestrel (avian intermediate carnivore)	1.80E+00	mg/kg	50% flesh/50% invertebrate	—	0.26	—	1.44E-01
Aroclor-1260	Soil	American kestrel (avian top carnivore)	2.20E+00	mg/kg	100% flesh	—	0.26	—	1.18E-01
Aroclor-1260	Soil	Vagrant shrew (mammalian insectivore)	5.00E+00	mg/kg	100% invertebrate	—	0.26	—	5.20E-02
Aroclor-1260	Soil	Deer mouse (mammalian omnivore)	1.00E+01	mg/kg	50% invertebrate/50% plant	—	0.26	—	2.60E-02
Aroclor-1260	Soil	American robin (avian herbivore)	1.50E+01	mg/kg	100% plant	—	0.26	—	1.73E-02
Aroclor-1260	Soil	Red fox (mammalian top carnivore)	3.20E+01	mg/kg	100% flesh	—	0.26	—	8.13E-03
Aroclor-1260	Soil	Desert cottontail (mammalian herbivore)	6.60E+02	mg/kg	100% plant	—	0.26	—	3.94E-04
4,4'-DDT	Soil	American robin (avian insectivore)	2.60E-03	mg/kg	100% invertebrate	0.0028		1.08E+00	4,4'-DDT
4,4'-DDT	Soil	American robin (avian omnivore)	5.20E-03	mg/kg	50% invertebrate/50% plant	0.0028		5.38E-01	4,4'-DDT
4,4'-DDT	Soil	American kestrel (avian top carnivore)	9.20E-03	mg/kg	100% flesh	0.0028		3.04E-01	4,4'-DDT
4,4'-DDT	Soil	American kestrel (avian intermediate carnivore)	9.30E-03	mg/kg	50% flesh/50% invertebrate	0.0028		3.01E-01	
4,4'-DDT	Soil	American robin (avian herbivore)	1.20E-01	mg/kg	100% plant	0.0028		2.33E-02	
4,4'-DDT	Soil	Vagrant shrew (mammalian insectivore)	1.00E+00	mg/kg	100% invertebrate	0.0028		2.80E-03	
4,4'-DDT	Soil	Deer mouse (mammalian omnivore)	2.10E+00	mg/kg	50% invertebrate/50% plant	0.0028		1.33E-03	
4,4'-DDT	Soil	Generic plant (terrestrial autotroph - producer)	3.70E+00	mg/kg	Not applicable	0.0028		7.57E-04	
4,4'-DDT	Soil	Red fox (mammalian top carnivore)	4.60E+00	mg/kg	100% flesh	0.0028		6.09E-04	
4,4'-DDT	Soil	Desert cottontail (mammalian herbivore)	2.00E+02	mg/kg	100% plant	0.0028		1.40E-05	
Fluoranthene	Soil	Vagrant shrew (mammalian insectivore)	2.60E+01	mg/kg	100% invertebrate	0.57	0.03	2.19E-02	1.10E-03
Fluoranthene	Soil	Deer mouse (mammalian omnivore)	4.90E+01	mg/kg	50% invertebrate/50% plant	0.57	0.03	1.16E-02	5.82E-04
Fluoranthene	Soil	Red fox (mammalian top carnivore)	4.30E+02	mg/kg	100% flesh	0.57	0.03	1.33E-03	6.63E-05
Fluoranthene	Soil	Desert cottontail (mammalian herbivore)	5.70E+02	mg/kg	100% plant	0.57	0.03	1.00E-03	5.00E-05

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Appendix G

Comparison of Anticipated and Actual Costs

APPENDIX G COMPARISON OF ANTICIPATED AND ACTUAL COSTS

The anticipated cost for activities conducted at SWMU 21-024(i) from late FY2000 to mid FY2003 was $1,190,613. This number is based on the fiscal year 2000 baseline, and reflects anticipated cost to complete for voluntary corrective measure (VCM) activities. However, the work at SWMU 21-024(i) was ultimately completed under the approved interim action plan, eliminating the need for a VCM plan. Actual cost for this work, including planning, execution of the fieldwork, analytical costs, waste disposal, and reporting activities was $1,196,419. Costs associated with some ongoing reporting activities are not included in this number. Increased waste management costs, associated with tank and sludge disposal, offset the savings resulting from eliminating the VCM plan.

Appendix H

Interim Action Plan for Potential Release Site 21-024(i)

Interim Action Plan for Potential Release Site 21-024(i)

Environmental
Restoration
Project

April 28, 1998

A Department of Energy
Environmental Cleanup Program

Los Alamos
NATIONAL LABORATORY

LA-UR-98-1896

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1.0 RATIONALE and OBJECTIVE of INTERIM ACTION

This interim action plan addresses a proposed interim action at potential release site (PRS) 21-024(i) at Los Alamos National Laboratory (LANL) Technical Area (TA) 21. This PRS consists of an abandoned septic system and its associated outfall. This site in its present condition poses a potential threat to human health and the environment because contaminants could migrate outside the septic tank and associated lines. This plan describes the site and its history, previous investigations, the proposed details of the interim action, confirmation sampling, waste management issues, site restoration, and the schedule and cost for completing the interim action.

1.1 Rationale for Proposed Interim Action

Phase I and Phase II investigations have revealed the following problems with PRS 21-024(i):

- The contents of a septic tank were not removed when the system was abandoned in 1965. The contaminated contents include radionuclides, metals, semivolatile organic compounds, and polychlorinated biphenyl (PCBs). While these materials are not classified as hazardous waste, they are not contained in a manner that would be considered protective.
- Elevated tritium levels and organic contaminates found in boreholes near the septic tank and lines indicate that the system may pose a risk of release to the environment.
- Radionuclides, metals, and PCBs are present in the outfall.
- The radioactivity, metals, and PCBs in the outfall are not contained and could potentially migrate, creating a threat to human health and the environment.

PRS 21-024(i) has also been evaluated for water quality concerns under LANL-ER Administrative Procedure (AP) 4.5. The site received a score of 59 and has been reviewed by the Surface Water Assessment Team.

The proposed interim action is to remove the septic tank as well as portions of the associated outfall to prevent any contaminant migration. This action is consistent with DOE's as-low-as-reasonably-achievable program to reduce radiation exposures to workers and the public. This interim action should also reduce the potential migration of other nonradiological contaminants.

1.2 Objective of Interim Action

Because of adjacent PRSs and commingling of contamination downgradient from PRS 21-024(i), this interim action cannot be considered a final remedy. The objective of this interim action is remove the major sources of contamination and stabilize PRS 21-024(i) until a final remedy is conceived of. The proposed final remedy will be based on further evaluations of adjacent PRSs for human health, ecological, and water quality issues.

2.0 SITE DESCRIPTION and CHARACTERIZATION DATA

2.1 Site Type and Description

PRS 21-024(i) is a solid waste management unit (SWMU) listed in the Hazardous and Solid Waste Amendments (HSWA) Module of LANL's Resource Conservation Recovery Act (RCRA) Part B operating permit. PRS 21-024(i) is an abandoned septic tank and outfall, as shown in the site map found in Annex 9.1 of this report. For planning purposes, PRS 21-024(i) has been divided into three areas: the septic tank with influent and effluent lines, the outfall area on the mesa top between the septic tank outlet line and the mesa edge, and the bench area beneath the mesa top and above Los Alamos Canyon.

2.1.1 Operational History

PRS 21-024(i) was a septic system that operated between 1945 and 1965. The system routed waste southeast from the research laboratory in building TA-21-152, through a concrete septic tank to a surface outfall (see Figure 9.1-1). The lines and septic system were abandoned in place in 1965 when building TA-21-209 was built and the present sewer system was put in place. Blow-down water from cooling towers contained in buildings TA-21-166 and TA-21-167 was also routed to this septic system via a main line from building TA-21-152. Effluent from the building and cooling towers was routed through a 6-in. vitrified-clay pipe (VCP) into the concrete septic tank (5 ft x 10 ft x 6 ft), flowed out through a 6-in. VCP pipe, and was discharged onto a broad, gentle slope about 60 ft from the south edge of DP Mesa. Typically the septic systems in place at TA-21 during this time serviced a variety of floor drains, janitorial sinks, showers, and toilets.

2.2 RFI Information and Other Decision Data

In 1992, a radiation survey was conducted and six soil samples were collected from three locations at PRS 21-024(i). In 1993, a more detailed radiation survey was performed: eleven soil samples were collected from eight locations, and a 20-ft deep borehole was drilled 2 to 3 ft south of the tank and sampled at 5-ft intervals. The results of these investigations were reported in the Phase Report 1C, TA-21 Operable Unit RCRA Facility Investigation (RFI) (LANL 1994, 1260) and Addendum, Phase Report 1C, TA-21 Operable Unit RFI (LANL 1995, 1261). All sample locations are shown in Figure 9.1-1. Samples were analyzed for metals, organic compounds, and radionuclides. Results of radiation surveys indicate that elevated levels of alpha-emitting radionuclides are present in the drainage channel beneath the 21-024(i) outfall line. Results of laboratory analyses showed metals (arsenic, lead, chromium, and barium) and radionuclides at levels greater than background.

The results of the 1992 and 1993 investigations also suggested a discrepancy between the radiation survey results and analytical laboratory results. The sum of isotopic activities from soil samples analyzed in off-site laboratories did not account for the elevated gross radiation levels detected with field instruments. Based on this information, further investigation was recommended for radioactive contamination (LANL 1995, 1261). A Phase II sampling and analysis plan (SAP) for PRS 21-024(i) (LA-UR-95-4259) was prepared in 1995 as a result of administrative authority (AA) comments on the Phase I RFI report. As requested by the AA, this SAP was intended to address both the radioactive contamination and the greater-than-background arsenic levels detected in the earlier investigations.

During the Phase II investigation, the septic tank was opened and sampled to identify the contaminants present in the tank. The tank itself was found to contain approximately 10 yd^3 of sludge with several inches of free standing water on top. Both the sludge and water were sampled for waste characterization. Visual

inspection and sampling of the tank contents and adjacent soil indicated that although the tank appeared to be intact, some migration of tritium and other compounds may have occurred. Sampling of the soil directly under the tank has not been performed. However, the elevated tritium (1186 pCi/l), organic compounds (Benzidine: 1.8 ppm, trichlorobenzene: 5 ppb) and metals (mercury: 1.7 ppm) in boreholes adjacent to the tank indicate that a contamination release may be present directly under the tank or associated lines.

In 1997 a radiological survey was conducted over the entire outfall area. The radiological survey identified sampling locations and confirmed the topographical limits to lateral migration. The results of the radiological survey were used in conjunction with visual inspection of sediment deposits to determine sample locations. Seventeen locations were identified to have elevated radiological readings and sediment deposits that contained material amounts adequate for sampling. The outfall was then sampled for radioactive isotopes (thorium, uranium, and plutonium), gamma spectroscopy, metals, semivolatile organic compounds, and PCBs. The sampling map in Annex 9.1 (Figure 9.1-2) shows the radiological survey results and sample locations with maximum values for nonradiological chemicals of potential concern (COPCs) for that location. Sampling locations within the survey area were sampled every six inches until the welded tuff soil interface was reached to bound the vertical extent of contamination. To assess the migration of contaminants into tuff, two sample locations were sampled six inches into the tuff (sample locations 21-05334 and 21-05325). Analytical results indicated no significant migration has occurred past the tuff interface.

3.0 INTERIM ACTION

3.1 Description of the Proposed Interim Action

An absorbent will be added to the septic tank's contents to stabilize any free-standing water associated with the sludge. The sludge will then be removed and containerized. After removing the sludge, the concrete tank will then be broken up into workable chunks and removed. Any soil showing elevated radioactivity will also be removed. Portions of the outlet line that are exposed during the excavation will be removed. The inlet line will be removed approximately 20 to 30 feet back from tank. This will allow inspection and evaluation of the line so that planning for the final remedy can be done. After removing the inlet line and a visual inspection, the remaining line will be grouted to prevent migration of any remaining line contents.

Soil that has been identified as having above-background radionuclides in the mesa top portion of the outfall will be removed. Soil will be removed by heavy equipment and containerized for disposal. Any vegetation removed to allow equipment access to the site will be screened for radioactivity. If safe, the vegetation will be chipped for site restoration soil enhancement. Soil will be removed until no elevated radioactivity is detected by a field instrument for detection of low energy radiation (FIDLER).

3.2 Site Restoration

Following interim action activities, the site will be restored to its preremediation condition. The tank and lines excavation areas will be backfilled with clean fill and restored to original condition. The excavated outfall area will be covered by clean fill and revegetated. All excavated areas will be surveyed and marked, and a 1 to 2 in. layer of gravel will be placed on excavated surfaces before the backfill is put in place. This will allow easy recognition of remediated areas for future investigations. Erosion control matting and/or

straw bales will be placed in appropriate areas to reduce erosion and encourage revegetation. Regrading will also be performed to prevent storm water run-on from crossing the site.

3.3 Additional Investigation

After interim action activities, additional samples will be taken on bench area beneath the mesa top to assess the following:

- The nature and extent of PCB contamination.
- The extent of mercury contamination and the possible contribution of mercury from other nearby PRSs.
- The nature and extent of other metals and radionuclides

4.0 SAMPLING AND MONITORING ACTIVITIES

4.1 Problem Definition

Sampling PRS 21-024(i) after remediation activities will ensure that interim action objectives were met and assess the need for further remediation or investigation. Samples will be taken around the footprint of the septic tank and its lines, as well as around the outfall.

4.2 Sampling: Septic Tank and Lines

Samples will be taken at four locations within the footprint of the septic tank after it has been removed. Samples will be taken at 0 to 12 in. and 12 to 24 in. intervals at each location. Additional samples will be taken at each of the four vertical edges of the excavation to evaluate if any migration has occurred from the tank. Samples will be analyzed for metals, gamma-emitting radionuclides, isotopic uranium, tritium, semivolatile and volatile organic chemicals, and PCBs/pesticides.

4.3 Sampling: Outfall Soil

A radiation survey will be performed on the excavated area at the 21-024(i) outfall. The survey will be performed using FIDLER; results will be used to determine if site (TA-21) background radiation levels have been achieved. Samples will be collected in a random grid pattern across the survey area and also outside the excavated area to assess the post-interim action conditions so that effective planning for the final remedy can be done. The number of samples to be taken will depend on the amount of area remediated. At each sampling location, material will be collected every 6 in. to a depth of 1 ft below the surface of the tuff. Samples will be analyzed for gross alpha/beta radioactivity, metals, gamma-emitting radionuclides, isotopic uranium and thorium, tritium, semivolatile and volatile organic chemicals, and PCBs/pesticides.

5.0 MAINTENANCE and INSPECTION

Periodic inspections and maintenance will be performed on the contoured and revegetated mesa top to insure that erosion and storm water run-on does not occur.

6.0 WASTE MANAGEMENT

6.1 Estimated Types and Volumes of Waste

TABLE 6.1-1

TYPES AND VOLUMES OF WASTE

Item	Waste Type	Volume Estimate
Concrete debris/VCP	Solid waste, low-level radioactive waste.	6 yd^3
Sludge	Solid waste, low level radioactive/PCB waste.	10 yd^3
Soil	Solid waste, low-level radioactive/PCB waste.	50 yd^3
Personal protective equipment (PPE)	Solid waste, low-level radioactive/PCB waste.	2 yd^3

6.2 Method of Management and Disposal

6.2.1 Septic Tank and Lines

Excavating the septic tank will generate approximately 10 yd^3 of sludge containing organic, metal, PCB, and radiological contaminants. The sludge will be stabilized for liquid content and placed in B-25 boxes for transport and disposal at TA-54. The tank removal will produce approximately 6 yd^3 of debris (concrete) and soil. Other solid waste generated will include disposable coveralls, gloves, paper towels, plastic sheeting, and other miscellaneous debris.

The VCP piping will be containerized and taken to TA-54 for disposal. Additional waste sampling may be needed if a large amount of sludge or waste is found to be remaining inside the lines associated with the septic tank. Any associated soil removed with the lines will be containerized and sampled for waste characterization before disposal at TA-54.

6.2.2 Outfall

Soil removal at the outfall may generate up to 50 yd^3 of contaminated material. This soil will be containerized in B-25 boxes for transport to TA-54 for disposal. Other solid waste generated will include disposable coveralls, gloves, paper towels, plastic sheeting, and other miscellaneous debris.

7.0 SCHEDULE AND COST

Interim action field operations at PRS 21-024(i) are scheduled to begin in May 1998. Septic tank, sludge, and soil removal from of the outfall, as well as associated site restoration, will take approximately three weeks. The interim action should be complete by May 31, 1998.

Uncertainties that may extend the time period of the interim activities include the unknown extent of contamination beneath the septic tank and lines.

The following costs have been estimated for PRS 21-024(i).

TABLE 7.0

ESTIMATED COSTS FOR THE INTERIM ACTION AT 21-024(i).

Activity	Cost
Pre-field activities	$12,300
Field activities	$67,500
Waste management and disposal	$75,400
Sampling and analyses	$10,200
Post-field activities	$39,700
Total	**$205,100**

8.0 REFERENCES

LANL (Los Alamos National Laboratory), February 28, 1994. "Phase Report 1C, TA-21 Operable Unit RCRA Facility Investigation, Outfalls Investigation," Los Alamos National Laboratory Report LA-UR-94-228, Los Alamos, New Mexico. (LANL 1994, 1260)

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, 1261)

LANL (Los Alamos National Laboratory), January 1996. "Sampling and Analysis Plan for Potential Release Site 21-024(I) Septic System and Outfall" LA-UR-4259.

9.0 ANNEXES

9.1 Site and Sampling Maps

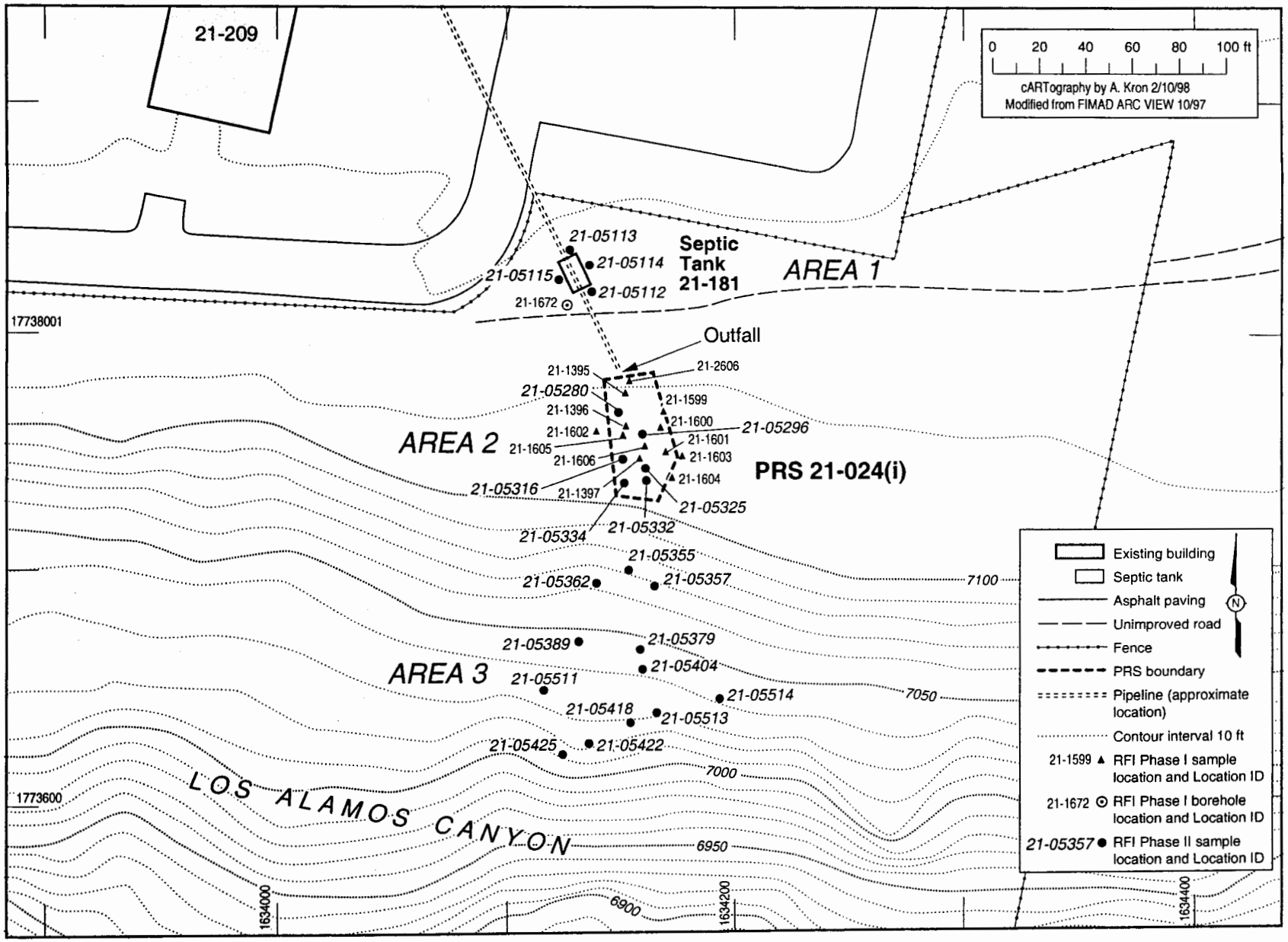

Figure 9.1-1. PRS 21-024(i) Site Map

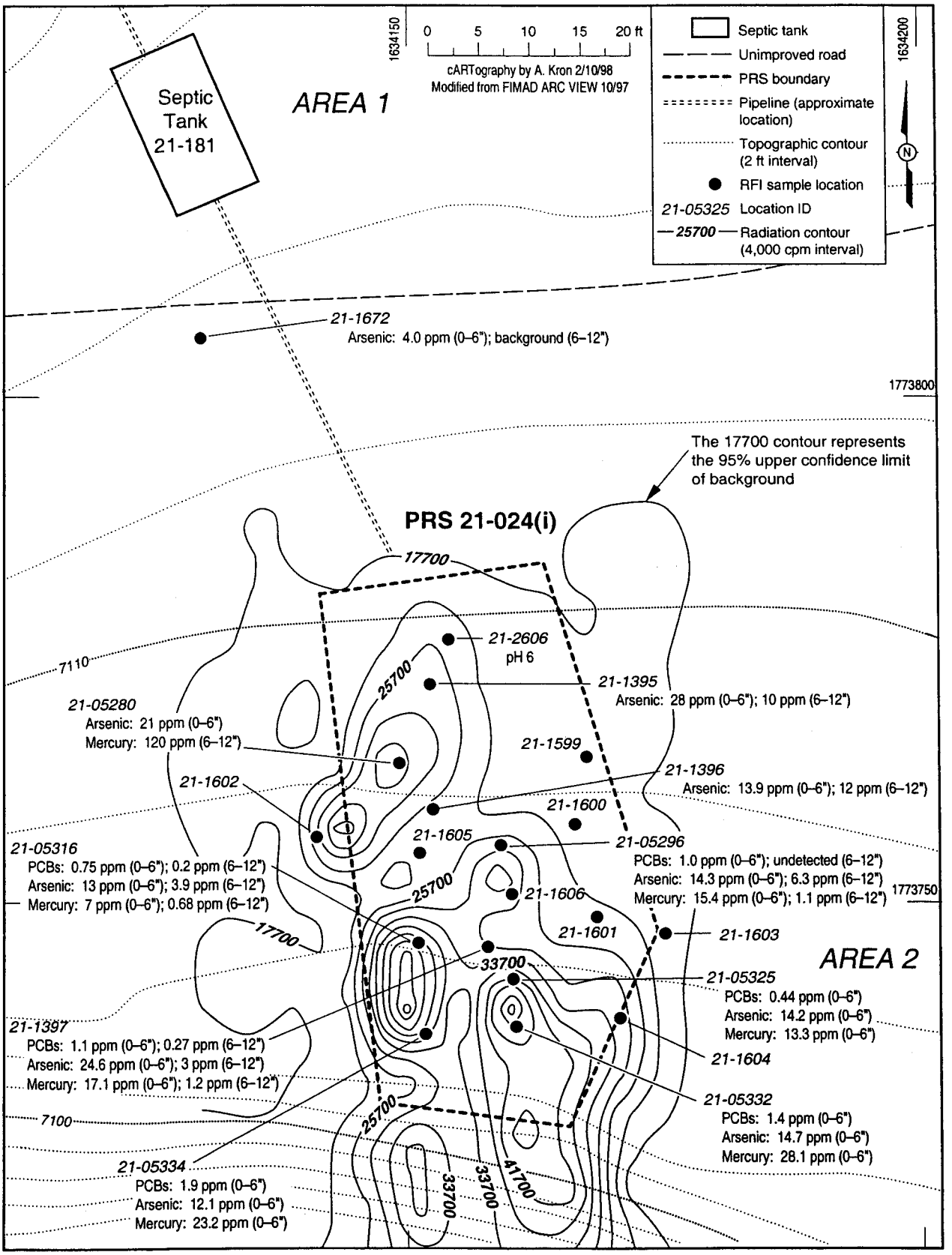

Figure 9.1-2. PRS 21-024(i) Sampling Map

9.2 Implementation SOPs

ER-SOP-01.01	General Instructions for Field Investigations
ER-SOP-01.10	Waste Characterization
ER-SOP-10.04	FIDLER Instrument System

9.3 Quality Assurance Plan

See Quality Program Plan and Quality Assurance Project Plan for Environmental Restoration, February 1995

9.4 Site-Specific Health and Safety Plan

9.5 Waste Management

Appendix I

Photographs

Photograph 1. Uncovering the septic tank at SWMU 21-024(i)

Photograph 2. View of uncovered tank at SWMU 21-024(i)

Photograph 3. Preparing to remove sludge from tank at SWMU 21-024(i)

Photograph 4. Sludge removal from SWMU 21-024(i) septic tank

Photograph 5. Sludge removal from SWMU 21-024(i) septic tank

Photograph 6. Empty and cleaned septic tank at SWMU 21-024(i)

Photograph 7. Beginning tank excavation at SWMU 21-024(i)

Photograph 8. Tank excavation at SWMU 21-024(i)

Photograph 9. Tank excavation at SWMU 21-024(i)

Photograph 10. Removed septic tank at 21-024(i)

Photograph 11. Breaking septic tank in preparation for disposal at SWMU 21-024(i)

Photograph 12. Breaking septic tank in preparation for disposal at SWMU 21-024(i)

Photograph 13. Trench box placed for collecting samples along the inlet line at SMWU 21-024(i)

Photograph 14. Beginning site restoration around the former tank location (Area 1) at SWMU 21-024(i)

Photograph 15. Less-than-90-day waste storage area at SWMU 21-024(i)

Photograph 16. Low level waste accumulation area at SWMU 21-024(i)

Photograph 17. Outfall area at SWMU 21-024(i)

Photograph 18. Looking down at the bench (Area 3) from the outfall at SWMU 21-024(i)

Photograph 19. Sampling on the bench (Area 3) at SWMU 21-024(i)

Photograph 20. Sampling in the bench (Area 3) at SWMU 21-024(i)

Photograph 22. The bench (Area 3), looking east

Photograph 21. Sampling on the bench (Area 3) at SWMU 21-024(i)

Appendix J

Correspondence

Los Alamos National Laboratory

UNIVERSITY OF CALIFORNIA

Environmental Restoration Project
MS M992
Los Alamos, New Mexico 87545
505-667-0808/FAX 505-665-4747

Date: May 22, 1998
Refer to: EM/ER:98-168

Mr. Ted Taylor
Los Alamos Area Office
US Department of Energy, MS A316
Los Alamos, NM 87544

SUBJECT: INTERIM ACTION PLAN FOR TA-21, PRS 21-024(i) ACTIVITIES (FORMER OU 1106, FU 1)

Dear Ted:

Enclosed for your records please find a copy of the Interim Action Plan for Technical Area 21, Potential Release Site 21-024(i) activities. The need for this activity was identified because of the high erosion potential (AP 4.5 score 59) and known contamination at the site. This activity is planned for completion in Fiscal Year 1998. We recommend informational copies of this plan be distributed to the regulators.

If you have any questions, please call Dave McInroy at 667-0819 or Joe Mose at 667-5808. Thank you for your cooperation in this matter.

Sincerely,

Julie A. Canepa

Julie A. Canepa, Program Manager
Environmental Restoration Project

JC/DM/rfr

Enclosure: (1) Interim Action Plan for TA-21, PRS 21-024(i)

Mr. Ted Taylor
EM/ER:98-168

(8)

Cy (w/ enc.):
J. Harry, EES-5, MS M992
D. McInroy, EM/ER, MS M992
G. McMath, CST-7, MS E525
J. Mose, LAAO, MS A316
C. Rodriguez, CIO, MS M707
J. White, ESH-19, MS K490
RPF, MS M707

Cy (w/o enc.):
T. Baca, EM, MS J591
D. Bradbury, EM/ER, MS M992
T. George, EM/ER, MS M992
J. Plum, LAAO, MS A316
T. Trujillo, AL-ERD, MS A906
J. Vozella, LAAO, MS A316
EM/ER File, MS M992

Received by: [illegible]-RPF
MAY 2 8 1998
SM

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

PRS	D.C	NCD
NA	✓	

June 25, 1998

Mr. Theodore Taylor, Project Manager
Los Alamos Area Office
Department of Energy
528 35th Street
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 concerning the Interim Action Plan for Potential Release Site 21-024(i)
Los Alamos National Laboratory, NM0890010515

Dear Mr. Taylor and Dr. Browne:

The RCRA Permits Management Program (RPMP) of the New Mexico Environment Department's Hazardous and Radioactive Materials Bureau has reviewed the 21-024(i) Interim Action (IA) Plan (transmittal letter referenced by EM/ER:98-187 and report referenced by LA-UR-98-1896) and is requesting supplemental information (Attachment A). It is requested that the implementation of the IA be delayed until the RPMP concerns in Attachment A are addressed. RPMP suggests a meeting to expedite the resolution of the list of concerns so that LANL/DOE may proceed with the IA. LANL has thirty (30) calendar days of receipt of this letter to respond to RPMP's concerns.

Should you have any questions regarding this letter, please contact myself or Mr. John Kieling, RPMP's LANL Facility Manager, at (505) 827-1558.

Sincerely,

Stephanie Kruse

for Robert S. ("Stu") Dinwiddie, Ph.D., Manager
RCRA Permits Management Program
Hazardous and Radioactive Materials Bureau

RSD:jry

06-29-98 A11:11 IN

cc w/ attachment:

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: HSWA LANL 1/1106/21 21-024(c and i) and 21-027(a)
Track: LANL, doc date, NA, DOE/LANL, NMED-HRMB/Dinwiddie, RE, file

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Attachment A:
Request for Supplemental Information for Interim Action Plan for TA-21, PRS 21-024(i) Activities (former OU 1106, FU 1) dated June 9, 1998

General Comments:

1) Los Alamos National Laboratory and the Department of Energy (LANL/DOE) proceeded at risk with field activities in January of 1997 after submitting the Sampling and Analysis Plan (SAP) for Potential Release Site (PRS) 21-024(i). In July of 1997, RPMP submitted a request for supplemental information (RSI) for PRS's 21-024(c,i) and 21-027(a). LANL/DOE responded in part to the RSI comments for 21-024(i) by stating "The sampling analysis plan (SAP) for 21-024(i) has been implemented at risk." In the RSI response, LANL proposes that NMED's comments will be addressed in the proposed voluntary corrective action (VCA) plan and subsequent VCA Report to be submitted to NMED. RPMP has several issues:

- LANL/DOE has not submitted a report pertaining to the implementation of the unapproved SAP to RPMP. LANL/DOE should submit this report to prior to any further activity at PRS 21-024(i).

- LANL/DOE proposed that a VCA plan and report be submitted to RPMP, not an Interim Action (IA) plan. LANL/DOE should provide the rationale for the change.

- RPMP believes a final remedy (VCA) may be more appropriate and cost-effective for PRS 21-024(i) at this time and requests that LANL/DOE reconsidered this approach.

2) LANL/DOE should provide a revised schedule for proposed activities.

3) The use of TA-21 baseline background concentrations is not appropriate. LANL/DOE should use the background concentrations listed in the draft site-wide background document titled "Inorganic and Radionuclide Background Data for Soils, Canyons Sediments and Bandelier Tuff at Los Alamos National Laboratory" (Ryti et. al, dated 3/16/98). In addition, LANL/DOE should indicate to which set of background concentrations the acquired data will be compared. However, prior to any comparison, LANL/DOE should identify the matrix (i.e., crushed tuff, soil or sediment) that best describes the fill material prior to making a comparison to the background data set.

4) LANL/DOE should provide rationale for not addressing the area outside the PRS "boundary." Figure 9.1-2 indicates radiation "hot spots" on the surface immediately to the south of the dashed PRS "boundary." LANL should include, at a minimum, those "hot spots" outside the dashed PRS boundary. Exclusion of this area from the IA or voluntary corrective action (VCA) would be counter-productive since a potential source for releases[1] to the environment would remain in place. The PRS[2] includes the septic tank, associated piping, and outfall area, since hazardous wastes/constituents have been routinely and systematically released to the area extending from the outfall down to the canyon floor.

5) LANL/DOE should discuss QA/QC sampling (confirmatory sampling, etc.), analytical techniques, field screening techniques (field portable x-ray fluorescence, etc.), detection limits, etc. in the plan.

Specific Comments:

Section 3.1, Description of the Proposed Interim Action

6) LANL/DOE should indicate if sampling beneath and adjacent to the vitrified clay pipe (VCP) will be accomplished as it is not clear in the IA plan.

7) LANL/DOE should indicate if the septic tank will be decontaminated prior to removal.

8) LANL/DOE should define the criteria establishing whether the potentially contaminated removed vegetation is "safe" for chipping and "site restoration soil enhancement."

Section 3.2, Site Restoration

9) RPMP is concerned that adding a "1 to 2 in. layer of gravel" on excavated surfaces before backfilling may enhance the potential for water to migrate into the subsurface. Because contamination of the subsurface is indicated by elevated tritium concentrations found at depth in the borehole located south of the septic tank, the potential for mobilization of contaminants due to an influx of subsurface water should be evaluated. LANL/DOE should provide support that the introduction of the gravel will not enhance subsurface movement of water.

Section 3.3, Additional Investigations

10) RPMP recommends that while the field team is mobilized, LANL/DOE should not only sample the bench area beneath the mesa top (as proposed) but should also sample to the point on the floor of LA Canyon where the LA Canyon investigation may cover any potential contaminant migration from the mesa top.

Section 4.2, Sampling: Septic Tank and Lines

11) LANL/DOE should indicate the depth to tuff at the septic tank and inlet and outlet pipes (perhaps illustrate in a cross-section).

Section 5.0, Maintenance and Inspection

12) LANL/DOE should define "periodic inspections and maintenance." For example, LANL should describe if the inspections will occur quarterly, after storm events, etc. and what activities are considered maintenance.

Section 6.2.1, Septic Tank and Lines

13) LANL/DOE did not clearly indicate where the septic tank debris and investigation derived waste (IDW) will be disposed. LANL/DOE should not only clearly indicate the location of disposal but should also provide the analytical results and methods for sampling the IDW and septic tank sludge.

1 "Solid Waste Management Unit" means any discernable unit at which solid wastes have been placed at any time, irrespective of whether the unit was intended for the management of hazardous wastes (including hazardous constituents) into the environment (including the abandonment or discarding of barrels, containers, and other closed receptacles containing hazardous wastes or hazardous constituents).

2 "Release" means any spilling, leaking, pouring, emitting, emptying, discharging, injecting, pumping, escaping, leaching, dumping, or disposing of hazardous wastes (including hazardous constituents) into the environment (including hazardous constituents) into the environment (including the abandonment or discarding of barrels, containers, and other closed receptacles containing hazardous wastes or hazardous constituents).

* Definitions are from the current LANL Hazardous and Solid Waste Amendments Permit.

Request for
Supplemental Information Concerning the Interim Action Plan
for Potential Release Site 21-024(i),
Los Alamos National Laboratory, NM0890010516

INTRODUCTION

To facilitate review of this response, NMED's comments are included verbatim. The comments are divided into general and specific categories as presented in the letter. LANL's responses follow each NMED comment. As agreed upon during the meeting with NMED on July 22, 1998, additional attachments to this response have been prepared and will be submitted with this response.

GENERAL COMMENTS

NMED Comment

1. *Los Alamos National Laboratory and the Department of Energy (LANL/DOE)proceeded at risk with field activities in January of 1997 after submitting the Sampling and Analysis Plan (SAP) for Potential Release Site (PRS)21-024(i). In July of 1997, RPMP submitted a request for supplemental information (RSI) for PRS 21-024(c,i) and 21-027(a). LANL/DOE responded in part to the RSI comments for 21-024(i) by stating "The sampling analysis plan (SAP) for 21-024(i) has been implemented at risk." In the RSI response, LANL proposes that NMED's comments will be addressed in the proposed voluntary corrective action (VCA) plan and subsequent VCA Report to be submitted to NMED. RPMP has several issues*

   LANL/DOE has not submitted a report pertaining to the implementation of the unapproved SAP to RPMP. LANL/DOE should submit this report prior to any further activity at PRS 21-024(i).

   LANL/DOE proposed that a VCA plan and report be submitted to RPMP, not an Interim Action (IA) plan. LANL/DOE should provide the rationale for the change.

   RPMP believes a final remedy (VCA) may be more appropriate and cost-effective for PRS 21-024(i) at this time and requests that LANL/DOE reconsider this approach.

LANL Response

1. During the at-risk implementation of the Phase II sampling and analysis plan (SAP), it was obvious that the contamination levels detected warranted a more aggressive approach. It was at this point that LANL/DOE decided a removal of at least a portion of the source term was warranted based on (at a minimum) the LANL/DOE as low as reasonably achievable (ALARA) guidelines. This removal would accomplish a reduction of risk to human health and the environment for the radioactive contaminants. In addition, a significant portion of the non-radioactive contaminant source term would be removed.

Therefore, the SAP has been only partially implemented at this time. The sample locations are presented on revised Figure 9.1-1, attached to this response, and the highest values from the data collected from the portion of the SAP that was performed are presented in figures 9.1-2 and 9.1-3 and Table 1, also attached. The figures and table provided have been revised from those presented in the interim action plan to include additional information and corrections that help clarify the current conditions at the site. The attachments also provide information requested during a meeting between NMED and LANL/DOE on July 22, 1998.

During the initial preparation of the voluntary corrective action (VCA) plan, it became obvious that a VCA was not possible at this time because the VCA definition requires a final remedy. An interim action was determined to be the best option for the site given the uncertainty surrounding other regulatory issues that needed to be addressed to implement a final remedy at this site. The following paragraph describes each issue that has been identified that precludes implementing a final remedy at the site at this time.

The interim action, rather than a voluntary corrective action, is being done because (1) ecological assessment methodology has not been finalized; therefore, an integrated No Further Action (NFA) determination cannot be obtained; (2) complete removal of the inactive inlet pipe is not feasible at this time because of operational concerns involving existing active utility lines; and (3) resolution of surface water concerns where contamination in soil must be assessed regarding its impact on surface water quality has not occurred.

LANL/DOE proposes that, following the interim action, a VCA is the next logical step at this site to implement the final remedy. Given the need to prepare a VCA plan that accounts for the changes in the site conditions resulting from the interim action, LANL/DOE would like to withdraw the unapproved Phase II SAP that was submitted to the NMED. After the interim action has been completed and the resulting new data are available, LANL/DOE would like to include additional data requirements and data quality objectives in a VCA plan that will address the updated regulatory requirements that are not addressed in the existing Phase II SAP. These additional elements will allow LANL/DOE to prepare a plan that addresses all of the concerns at this site and does not divert resources to resolve comments for a SAP that, as written, will not fulfill all the data needs. The partial implementation of the SAP and the implementation of the interim action plan will significantly reduce the uncertainty about this site and will result in better planning for determining the final remedy.

It was an oversight that these changes in plans and conditions were not communicated previously to the NMED. LANL/DOE proposes that a combination of this RSI response and the forthcoming interim action report be regarded as our communication of the changes in plans and conditions. This communication lays the foundation for further action at this site. LANL/DOE proposes that a VCA plan be prepared in FY99 to address all the concerns at this site resulting in a final remedy that is both satisfactory and cost effective.

The schedule for the VCA is contingent on resolution of the issues discussed above. LANL/DOE will submit an interim action report presenting the results of the interim action.

NMED Comment

2. *LANL/DOE should provide a revised schedule for proposed activities.*

University of California
Environmental Restoration Project, MS M992
Los Alamos, New Mexico 87545
505-667-0808/FAX 505-665-4747

U. S. Department of Energy
Los Alamos Area Office, MS A316
Environmental Restoration Program
Los Alamos, New Mexico 87544
505-667-7203/FAX 505-665-4504

Date: July 31, 1998
Refer to: EM/ER:98-254

PRS	Dec	NOD
NA	✓	

Dr. Robert S. Dinwiddie
NMED-HRMB
P.O. Box 26110
Santa Fe, NM 87502

SUBJECT: RESPONSE TO REQUEST FOR SUPPLEMENTAL INFORMATION ON THE IA PLAN FOR TA-21, PRS 21-024(i) (FORMER OU 1106, FU 1)

Dear Dr. Dinwiddie:

Enclosed is the Los Alamos National Laboratory's response to the New Mexico Environment Department Hazardous and Radioactive Materials Bureau's (NMED-HRMB) request for supplemental information (RSI) on the Interim Action Plan for Technical Area 21, Potential Release Site 21-024(i). The RSI was received on June 24, 1998. A meeting with NMED-HRMB personnel was held on July 22, 1998 to discuss the RSI. At that meeting an extension for this response was granted for July 31, 1998.

If you have any questions, please contact Dave McInroy at (505) 667-0819 or Joe Mose at (505) 667-5808.

Sincerely,

James M. Ray for

Julie A. Canepa, Program Manager
LANL/ER Project

Sincerely,

Joyce C. Vall

Theodore J. Taylor, Program Manager
DOE/LAAO

JC/TT/dm

Enclosure: Response to RSI on the RFI Report for TA-21 (Former OU 1106, FU 1)

Cy (w/enc.):
J. Mose, LAAO, MS A316
D. Neleigh, EPA, R.6, 6PD-N
J. Newlin, CST-7, MS M992
C. Rodriguez, CIO/ER, MS M992
G. McMath, EM/ER, MS E525
A. Pratt, EES-13, MS M992
T. Taylor, LAAO, MS A316
T. Trujillo, AL-ERD, MS A906
J. White, ESH-19, MS K490
B. Garcia, NMED-HRMB
M. Leavitt, NMED-GWQB
J. Parker, NMED-OB
G. Saums, NMED-SWQB
S. Yanicak, NMED-AIP, MS J993
EM/ER File (CT# C493), MS M992
RPF, MS M707

Information Only (w/o enc.):
T. Baca, EM, MS J591
T. George, EM/ER, MS M992
T. Longo, DOE-HQ, EM-453
D. McInroy, EM/ER, MS M992
J. Plum, LAAO, MS A316
S. Rae, ESH-18, MS K497
G. Rael, AL-ERD, MS A906
J. Vozella, LAAO, MS A316
EM/ER File, MS M992

LANL Response

2. The field activities for the interim action will start during September 1998 and will take approximately two weeks to complete.

NMED Comment

3. *The use of TA-21 baseline background concentrations is not appropriate. LANL/DOE should use the background concentrations listed in the draft site-wide background document titled "Inorganic and Radionuclide Background Data for Soils, Canyons Sediments and Bandelier Tuff at Los Alamos National Laboratory" (Ryti et. al, dated 3/16/98). In addition, LANL/DOE should indicate to which set of background concentrations the acquired data will be compared. However, prior to any comparison, LANL/DOE should identity the matrix (i.e., crushed tuff, soil or sediment) that best describes the fill material prior to making a comparison to the background data set.*

LANL Response

3. LANL/DOE believes it is appropriate to use the Technical Area (TA) 21 baseline levels for this interim action because radiation detection instruments will be used to guide the excavation, and these instruments cannot detect radiation levels lower than DP mesa (TA-21) background. The more widespread issue of the higher TA-21 baseline levels (as compared with LANL site-wide background) across the DP mesa top will be addressed separately as PRS 21-021. The data collected during the interim action will be used to help design the subsequent VCA because the existing data set will no longer be representative. After the completion of the interim action, the additional data will be used to revise radiation contour figures that will be submitted with the interim action report. In addition, revised concentrations for non-radioactive contaminants will be reported. Any comparisons used in subsequent plans and reports will clearly state which set of background concentrations is being used.

   TA-21 baseline data will not be used for screening and risk assessments unless approved by appropriate regulatory agencies.

NMED Comment

4. *LANL/DOE should provide rationale for not addressing the area outside the PRS "boundary." Figure 9.1-2 indicates radiation "hot spots" on the surface immediately to the south of the dashed PRS "boundary." LANL should include, at minimum, those "hot spots" outside the dashed PRS boundary. Exclusion of this area from the IA or voluntary corrective action (VCA) would be counter-productive since a potential source for releases to the environment would remain in place. The PRS includes the septic tank, associated piping, and outfall area, since hazardous wastes/constituents have been routinely and systematically released to the area extending from the outfall down to the canyon floor.*

LANL Response

4. It is agreed that the anomalies referred to in the comment are outside the boundary, as shown on Figure 9.1-2. However, the PRS boundary is approximate and is not intended to limit the boundary of the interim action. The figure has been revised to indicate that what was shown as the boundary is the radiological control fence.

The intent of the proposed interim action is to address the majority of the source term. This will include the excavation of any areas (that exceed TA-21 baseline levels) on the mesa top associated with the PRS, as indicated by radiation detection instruments in the field. The remaining areas below the mesa top will be addressed in the subsequent final remedy (see response to comment 1). As discussed in the meeting with NMED on July 22, 1998, a new figure (Figure 9.1-3) has been created showing radiation contours and analytical results for sampled locations on the hillside and bench below the mesa top. In addition, a table (Table 1) has been provided presenting the maximum concentrations of radioisotopes found at various sample locations. This figure and table are included with the attachments to this response.

NMED Comment

5. *LANL/DOE should discuss QA/QC sampling (confirmatory sampling, etc.), analytical techniques, field screening techniques (field portable x-ray fluorescence, etc.), detection limits, etc. in the plan.*

LANL Response

5. The number of samples that will be taken to assess the post-interim action conditions will depend on the amount of area remediated. Based on existing radiation screening results, LANL/DOE assumes that an area of approximately 2000 ft^2 will be excavated and that approximately 16 samples will be taken. Samples will be biased so that fractures and fractured areas are sampled where possible. Per the interim action plan, samples will be analyzed for metals, gamma-emitting radionuclides, isotopic uranium, tritium, semivolatile and volatile organic compounds, and PCBs/pesticides.

   The appropriate numbers and types of analytical quality assurance (QA)/quality control (QC) samples will be collected according to guidance detailed in the LANL Statement of Work for Analytical Support (LANL 1995, 49738) which also complies with the USEPA Contract Laboratory Program National Functional Guidelines for data review.

   The analytical methods to be used for inorganic, organic, and radiochemical data analyses are listed in the analytical laboratory statement of work.

   All QA/QC sampling procedures and the minimum required detection limits are in the "ER Project Quality Assurance Project Plan for Sampling and Analysis" located in the 1996 revision of the ER Project's Installation Work Plan (LANL 1996, 55574). In addition, selected sampling and analysis procedures are also detailed in several LANL ER standard operating procedures (SOPs). Field screening techniques for radionuclides, including those to be conducted with the FIDLER instrument discussed in Section 4.3 of the interim action plan, are detailed in LANL ER-SOP-10.11.

   The Bicron FIDLER instrument detection limit has typically been approximately 1600 cpm, as determined from past records of background and source checks and calculated using the methods given by Currie (1968, 58697). For comparison, measurements with this instrument on natural radioactivity in soils in areas having no radioactive contamination are usually in the range 14,500 to 16,500 cpm. This indicates the instrument is sufficiently sensitive to identify radioactivity at background levels and the presence of additional radioactivity above a background level or baseline.

SPECIFIC COMMENTS

NMED Comment

6. *Section 3.1, Description of the Proposed Interim Action. LANL/DOE should indicate if sampling beneath and adjacent to the vitrified clay pipe (VCP) will be accomplished as it is not clear in the IA plan.*

LANL Response

6. Screening with radiation instruments will be employed to determine what soils should be excavated. Once a cycle of screening and excavation has been completed, the cycle will be repeated, if needed, until side slopes and floors of excavated areas are no longer above TA-21 baseline radiation levels. At that point, samples will be collected as described in the response to Comment 5 to support planning of the subsequent VCA. These samples will include locations beneath and adjacent to portions of the VCP that are removed as part of the excavation.

   In response to the discussions at the July 22, 1998, meeting with NMED, the section of the VCP outlet line that was removed in 1965 is shown on revised Figure 9.1-2, which has been provided with the attachments to this response. The inactive VCP inlet line will be removed approximately 20 to 30 feet upgradient from the tank, and the end of the remaining line will be grouted shut. As discussed in the response to Comment 1, additional upgradient VCP cannot be removed at this time without disrupting existing active utility lines.

NMED Comment

7. *LANL/DOE should indicate if the septic tank will be decontaminated prior to removal.*

LANL Response

7. The reinforced concrete tank will not be decontaminated before removal. The tank is a part of the waste stream, and, as such, there is no need to perform decontamination. In addition, since decontamination is not necessary, waste production will be further minimized. All wastes will be properly characterized before disposal.

NMED Comment

8. *LANL/DOE should define the criteria establishing whether the potentially contaminated removed vegetation is "safe" for chipping and "site restoration soil enhancement."*

LANL Response

8. Vegetation removed to allow heavy equipment access will not be chipped because of safety concerns. Cut vegetation that remains on site will be used in sediment dams as a part of erosion control measures with or in lieu of silt fencing, straw bales, and sand bags. The criteria for leaving vegetation on site will be the same as that for soil (i.e. screening with radiation instruments). Cut vegetation that exceeds soil criteria will be removed from the site and will be disposed of appropriately.

NMED Comment

9. *Section 3.2, Site Restoration. RPMP is concerned that adding a "1 to 2 in. layer of gravel" on excavated surfaces before backfilling may enhance the potential for water to migrate into the subsurface. Because contamination of the subsurface is indicated by elevated tritium concentrations found at depth in the borehole located south of the septic tank, the potential for mobilization of contaminants due to an influx of subsurface water should be evaluated. LANL/DOE should provide support that the introduction of the gravel will not enhance subsurface movement of water.*

LANL Response

9. The purpose of the 1–2 inches of gravel was to demarcate the limits of the excavation so that remediated areas could be easily recognized during future investigation or remediation activities. If safety concerns can be resolved and no closed depressions are created that would pond water, the excavations will be left open until the implementation of the VCA. Open excavations would be covered and/or enclosed by fencing. The best management practice inspection and maintenance schedule as described in the "Storm Water Best Management Practice (BMP) Guidance Document" (LANL 1998, 58696), attached to this document, will be followed. If leaving excavations open is not possible, a geotextile will be substituted for the gravel layer to provide a marker horizon but remove any concerns about possible contaminant mobilization.

NMED Comment

10. *Section 3.3, Additional Investigations. RPMP recommends that while the field team is mobilized, LANL/DOE should not only sample the bench area beneath the mesa top (as proposed) but should also sample to the point on the floor of LA Canyon where the LA Canyon investigation may cover any potential contaminant migration from the mesa top.*

LANL Response

10. The objective of the interim action is source term removal. The additional sampling will be done after the proposed interim action. LANL/DOE realizes that the additional sampling needs to be completed to the point where the investigations in Los Alamos Canyon cover the characterization of any further potential contaminant migration originating from the mesa top. Further investigations, which include adjacent PRSs that potentially contribute to contamination on the bench, to refine knowledge of nature and extent are planned for this site as a part of the subsequent VCA.

NMED Comment

11. *Section 4.2, Sampling: Septic Tank and Lines. LANL/DOE should indicate the depth to tuff at the septic tank and inlet and outlet pipes (perhaps illustrate in a cross-section).*

LANL Response

11. A schematic cross-section through the tank and surrounding area (Figure 9.1-4) has been provided with the attachments submitted with this response.

Based on previous experience from investigations at other septic tank sites in similar settings, the tank is expected to have been excavated into the tuff. The depths at which the tuff is encountered during the interim action will be presented in the interim action report.

NMED Comment

12. *Section 5.1, Maintenance and Inspection. LANL/DOE should define "periodic inspections and maintenance." For example, LANL should describe if the inspections will occur quarterly, after storm events, etc. and what activities are considered maintenance.*

LANL Response

12. LANL/DOE will follow the requirements established for inspections in the "Storm Water Best Management Practice (BMP) Guidance Document" (LANL 1998, 58696). This document requires that active sites (field activity underway) be inspected once a week or whenever a precipitation event of one-half inch or more occurs and that inactive sites be inspected once every other month or whenever a precipitation event of one-half inch or more occurs.

    Routine maintenance would include repairing run-on and runoff controls, such as replacing straw bales, silt fencing, and/or sandbags. If cleared vegetation remains on site and is used for sediment control in drainages, maintenance may include restaking of sediment dams.

NMED Comment

13. *Section 6.2.1, Septic Tank and Lines. LANL/DOE did not clearly indicate where the septic tank debris and investigation derived waste (IDW) will be disposed. LANL/DOE should not only clearly indicate the location of disposal but should also provide the analytical results and methods for sampling the IDW and septic tank sludge.*

LANL Response

13. Waste characterization details, including waste sample analytical results, are documented in other required LANL documents such as the Waste Characterization Strategy Form (WCSF). The WCSF has not yet been finalized, however, a draft WCSF for the 21-024(i) interim action has been provided as an attachment to this response.

    Disposition of wastes will be in accordance with the final WCSF and waste acceptance criteria for TA-54. No wastes will be generated or disposed until the WCSF is completed. Samples taken for waste characterization during previous investigations were collected using LANL ER SOPs 6.09 and 6.10.

References

Currie, Lloyd A., March 1968. "Limits for Qualitative Detection and Quantitative Determination, Application to Radiochemistry," *Analytical Chemistry*, Vol. 40, No. 3, pp.586–593. (Currie 1968, ER ID 58697)

LANL (Los Alamos National Laboratory), July 1995. "Statement of Work–Analytical Support," Revision 2, RFP 9-XS1-Q4257, Los Alamos, New Mexico. (LANL 1995, ER ID 49738)

LANL (Los Alamos National Laboratory), December 1996. "Installation Work Plan for Environmental Restoration Program," Revision 6, Los Alamos National Laboratory Report LA-UR-96-4629, Los Alamos, New Mexico. (LANL 1996, ER ID 55574)

LANL (Los Alamos National Laboratory), June 1998. "Storm Water Best Management Practice (BMP) Guidance Document," prepared by Merrick Engineers & Architects for LANL Water Quality Hydrology Group, ESH-18, Los Alamos, New Mexico. (LANL 1998, ER ID 58696)

LANL (Los Alamos National Laboratory), July 1998. "PRS 21-024(i) Septic Tank and Outfall Draft Waste Characterization Strategy Form," Los Alamos, New Mexico. (LANL 1998, in preparation)

Attachments

1. Figure 9.1-1 PRS 21-024(i) Site Map (revised)
2. Figure 9.1-2 PRS 21-024(i) Sampling Map at Areas 1 and 2 (revised)
3. Figure 9.1-3 PRS 21-024(i) Sampling Map at Area 3
4. Figure 9.1.4 PRS 21-024(i) Schematic Cross-Section of Septic Tank
5. Table 1 Maximum Radiological Constituents at PRS 21-024(i)
6. Storm Water Best Management Practice (BMP) Guidance Document (ER ID 58696)
7. Limits for Qualitative Detection and Quantitative Determination (ER ID 58697)
8. Waste Characterization Strategy Form for PRS 21-024(i)

FIGURES

RSI RESPONSE
PRS 21-024(i) INTERIM ACTION PLAN

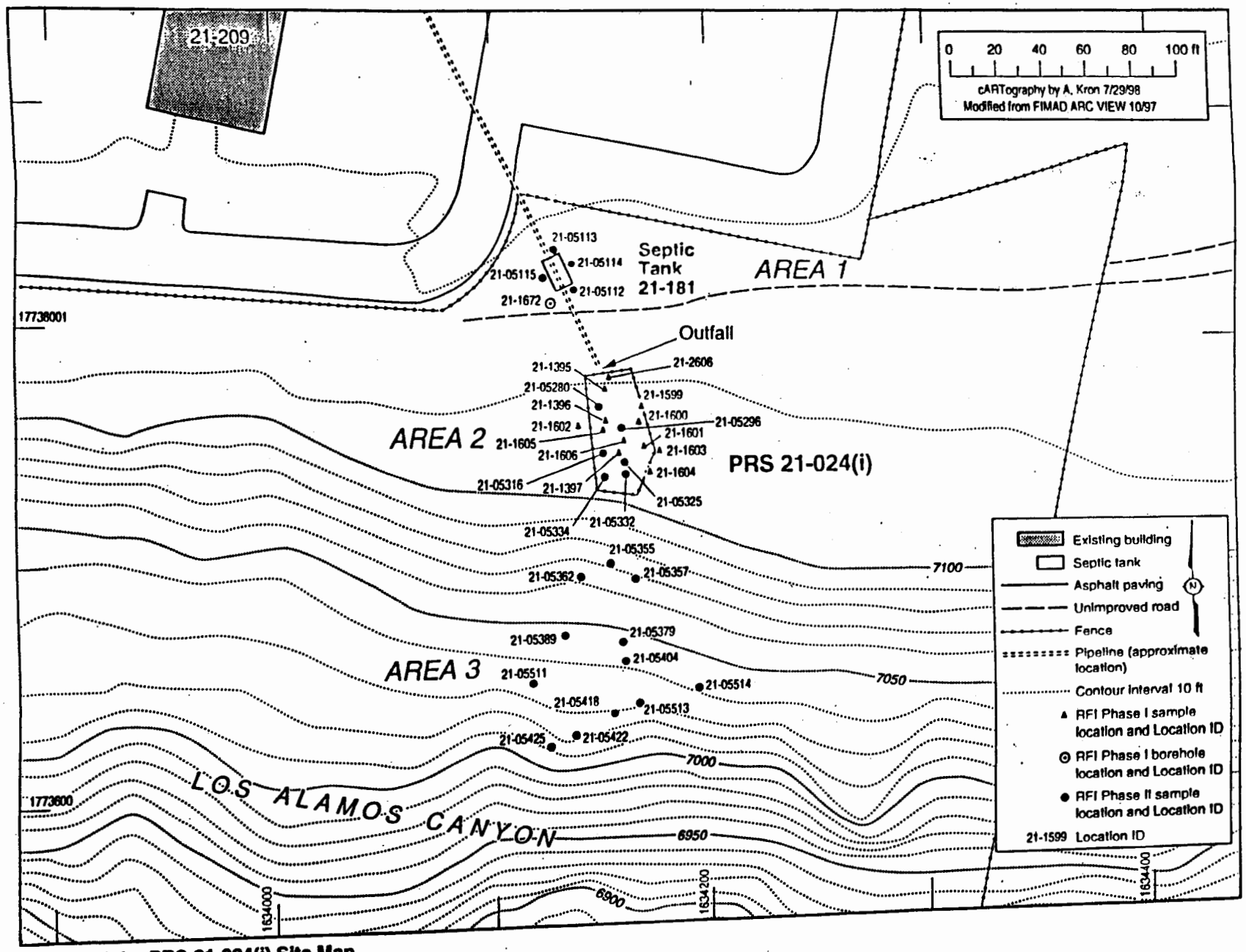

Figure 9.1-1. PRS 21-024(i) Site Map.

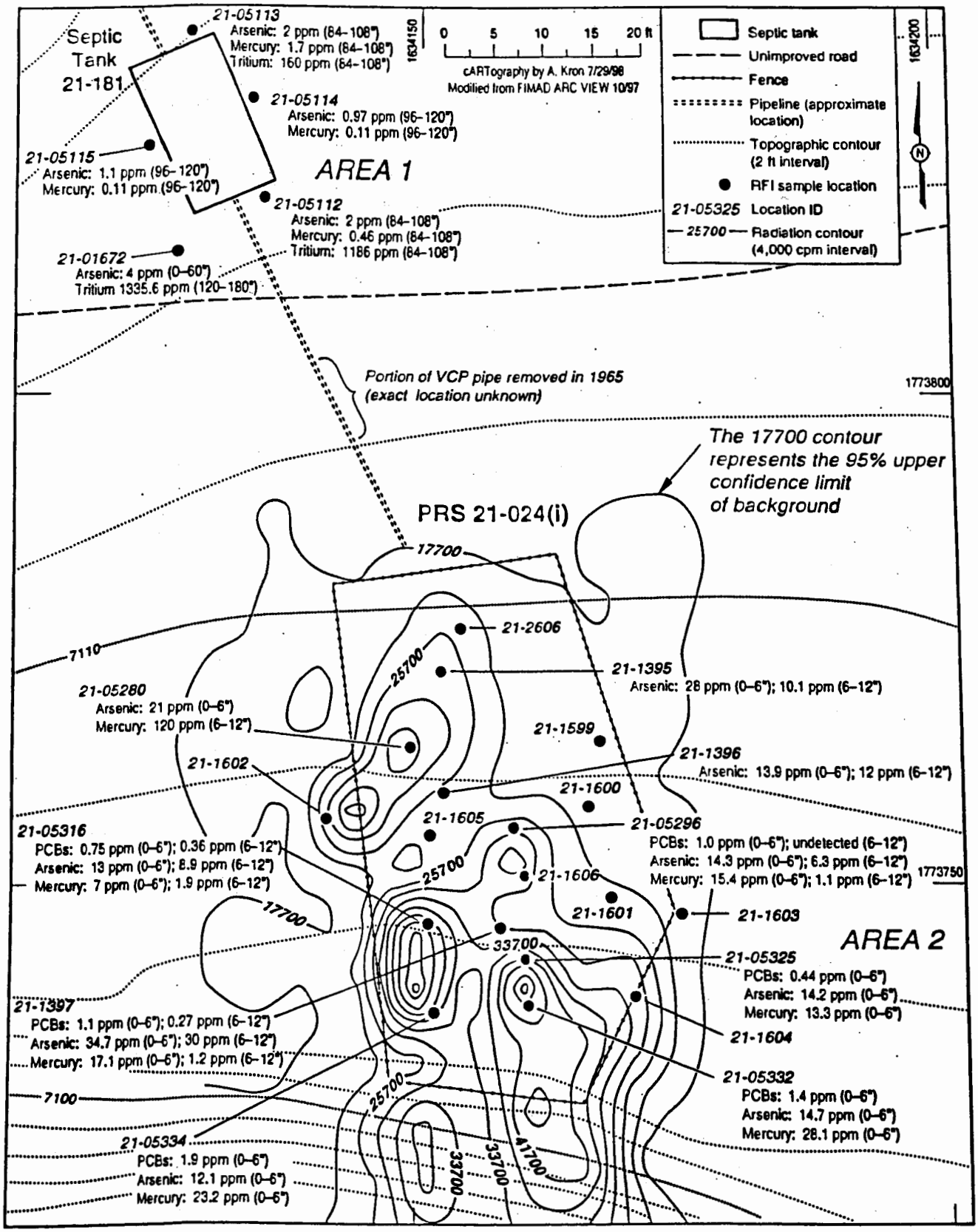

Figure 9.1-2. PRS 21-024(i) Sampling Map at Areas 1 and 2.

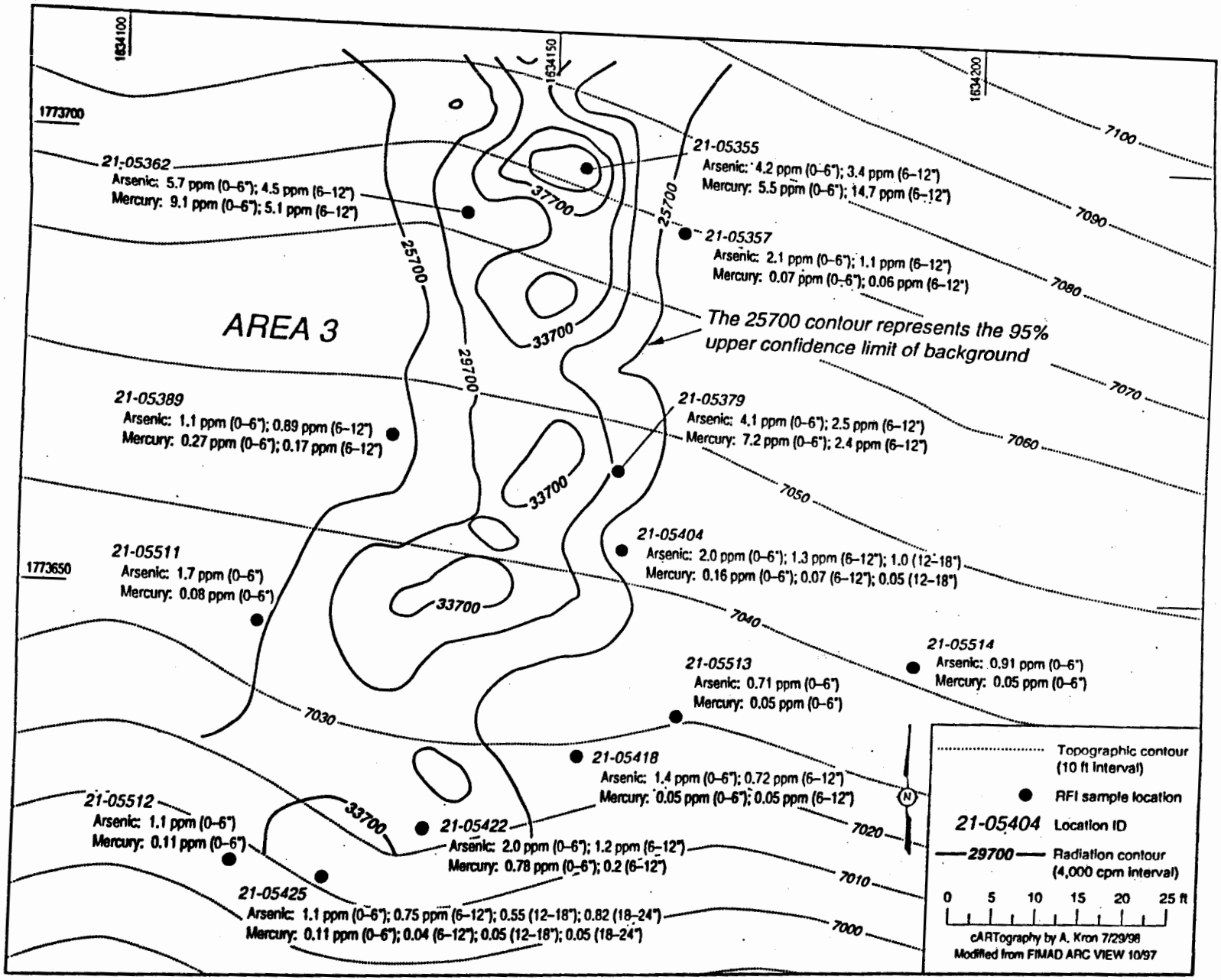

Figure 9.1-3. PRS 21-024(i) Sampling Map at Area 3.

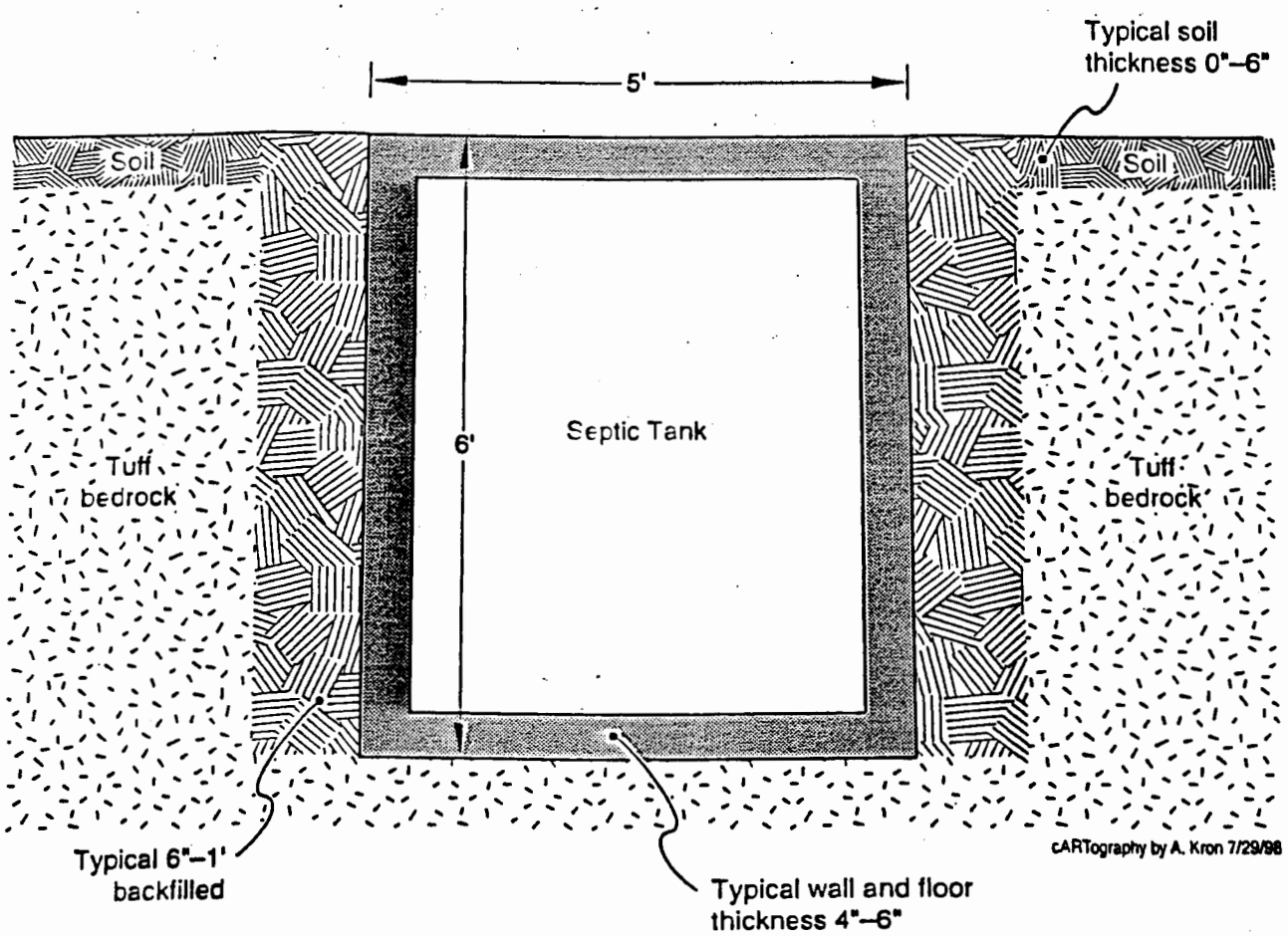

Figure 9.1-4. Schematic Cross-Section of Septic Tank.

TABLE 1

Maximum Radiological Constituents at PRS 21-024(I)

RSI RESPONSE
PRS 21-024(i) INTERIM ACTION PLAN

TABLE 1
MAXIMUM RADIOLOGICAL CONSTITUENTS AT PRS 21-024(I)

Location Id	Name	Max	Units
21-05112	Actinium-228	1.62	pCi/g
21-05112	Americium-241	-0.032	pCi/g
21-05112	Bismuth-211	0.341	pCi/g
21-05112	Bismuth-212	1.32	pCi/g
21-05112	Bismuth-214	0.955	pCi/g
21-05112	Gross Alpha Radiation	3.042	pCi/g
21-05112	Gross Beta Radiation	2.139	pCi/g
21-05112	Lead-211	-0.088	pCi/g
21-05112	Lead-212	1.51	pCi/g
21-05112	Lead-214	1.13	pCi/g
21-05112	Neptunium-237	-0.045	pCi/g
21-05112	Plutonium-238	0.004	pCi/g
21-05112	Plutonium-239	0.009	pCi/g
21-05112	Protactinium-231	1.69	pCi/g
21-05112	Protactinium-233	-0.019	pCi/g
21-05112	Protactinium-234M	2.71	pCi/g
21-05112	Radium-223	0.261	pCi/g
21-05112	Radium-224	1.85	pCi/g
21-05112	Radium-226	2.18	pCi/g
21-05112	Radon-219	-0.268	pCi/g
21-05112	Thallium-208	0.539	pCi/g
21-05112	Thorium-227	-0.898	pCi/g
21-05112	Thorium-228	1.32	pCi/g
21-05112	Thorium-230	0.872	pCi/g
21-05112	Thorium-232	1.27	pCi/g
21-05112	Thorium-234	-3.721	pCi/g
21-05112	Tritium	1186.008	pCi/g
21-05112	Uranium-234	0.636	pCi/g
21-05112	Uranium-235	0.091	pCi/g
21-05112	Uranium-238	0.631	pCi/g
21-05113	Actinium-228	1.45	pCi/g
21-05113	Americium-241	-0.007	pCi/g
21-05113	Bismuth-211	0	pCi/g
21-05113	Bismuth-212	0.76	pCi/g
21-05113	Bismuth-214	0.961	pCi/g
21-05113	Gross Alpha Radiation	3.606	pCi/g
21-05113	Gross Beta Radiation	3.126	pCi/g
21-05113	Lead-211	0.336	pCi/g
21-05113	Lead-212	1.49	pCi/g
21-05113	Lead-214	1.09	pCi/g
21-05113	Neptunium-237	0.514	pCi/g
21-05113	Plutonium-238	0.002	pCi/g
21-05113	Plutonium-239	0.072	pCi/g
21-05113	Protactinium-231	2.17	pCi/g
21-05113	Protactinium-233	-0.025	pCi/g
21-05113	Protactinium-234M	-1.38	pCi/g
21-05113	Radium-223	-0.036	pCi/g
21-05113	Radium-224	1.63	pCi/g

TABLE 1
MAXIMUM RADIOLOGICAL CONSTITUENTS AT PRS 21-024(I)

Location Id	Name	Max	Units
21-05113	Radium-226	2.87	pCi/g
21-05113	Radon-219	0.197	pCi/g
21-05113	Thallium-208	0.457	pCi/g
21-05113	Thorium-227	-2.64	pCi/g
21-05113	Thorium-228	1.23	pCi/g
21-05113	Thorium-230	0.97	pCi/g
21-05113	Thorium-232	1.34	pCi/g
21-05113	Thorium-234	-2.05	pCi/g
21-05113	Tritium	159.987	pCi/g
21-05113	Uranium-234	0.792	pCi/g
21-05113	Uranium-235	0.082	pCi/g
21-05113	Uranium-238	0.749	pCi/g
21-05114	Americium-241	0	pCi/g
21-05114	Gross Alpha Radiation	1.38	pCi/g
21-05114	Gross Beta Radiation	1.42	pCi/g
21-05114	Neptunium-237	-0.02	pCi/g
21-05114	Plutonium-238	0	pCi/g
21-05114	Plutonium-239	0.016	pCi/g
21-05114	Thorium-227	0.027	pCi/g
21-05114	Thorium-228	0.466	pCi/g
21-05114	Thorium-230	0.317	pCi/g
21-05114	Thorium-232	0.526	pCi/g
21-05114	Uranium-234	0.29	pCi/g
21-05114	Uranium235 + Uranium-236	0.011	pCi/g
21-05114	Uranium-238	0.294	pCi/g
21-05115	Americium-241	0.01	pCi/g
21-05115	Gross Alpha Radiation	1.57	pCi/g
21-05115	Gross Beta Radiation	1.5	pCi/g
21-05115	Neptunium-237	-0.01	pCi/g
21-05115	Plutonium-238	0.023	pCi/g
21-05115	Plutonium-239	0.099	pCi/g
21-05115	Thorium-227	0.058	pCi/g
21-05115	Thorium-228	0.535	pCi/g
21-05115	Thorium-230	0.374	pCi/g
21-05115	Thorium-232	0.558	pCi/g
21-05115	Uranium-234	0.178	pCi/g
21-05115	Uranium235 + Uranium-236	0.012	pCi/g
21-05115	Uranium-238	0.176	pCi/g
21-05280	Actinium-228	2.31	pCi/g
21-05280	Americium-241	0.72	pCi/g
21-05280	Bismuth-211	102	pCi/g
21-05280	Bismuth-212	1.71	pCi/g
21-05280	Bismuth-214	1.02	pCi/g
21-05280	Gross Alpha Radiation	449.767	pCi/g
21-05280	Gross Beta Radiation	159.77	pCi/g
21-05280	Lead-211	126	pCi/g
21-05280	Lead-212	1.42	pCi/g
21-05280	Lead-214	1.68	pCi/g

TABLE 1
MAXIMUM RADIOLOGICAL CONSTITUENTS AT PRS 21-024(I)

Location Id	Name	Max	Units
21-05280	Neptunium-237	-62.5	pCi/g
21-05280	Plutonium-238	0.027	pCi/g
21-05280	Plutonium-239	2.892	pCi/g
21-05280	Protactinium-231	82.4	pCi/g
21-05280	Protactinium-233	1.29	pCi/g
21-05280	Protactinium-234M	26.5	pCi/g
21-05280	Radium-223	104	pCi/g
21-05280	Radium-224	-6.98	pCi/g
21-05280	Radium-226	32.9	pCi/g
21-05280	Radon-219	104	pCi/g
21-05280	Thallium-208	0.488	pCi/g
21-05280	Thorium-227	107	pCi/g
21-05280	Thorium-228	0.838	pCi/g
21-05280	Thorium-230	0.64	pCi/g
21-05280	Thorium-232	0.523	pCi/g
21-05280	Thorium-234	-105	pCi/g
21-05280	Tritium	18.398	pCi/g
21-05280	Uranium-234	44.044	pCi/g
21-05280	Uranium-235	3.003	pCi/g
21-05280	Uranium-238	10.344	pCi/g
21-05355	Actinium-228	1.73	pCi/g
21-05355	Americium-241	0.4377	pCi/g
21-05355	Bismuth-211	6.91	pCi/g
21-05355	Bismuth-212	0.93	pCi/g
21-05355	Bismuth-214	1.28	pCi/g
21-05355	Lead-211	9.2	pCi/g
21-05355	Lead-212	1.6199	pCi/g
21-05355	Lead-214	1.369	pCi/g
21-05355	Neptunium-237	1.14	pCi/g
21-05355	Protactinium-231	8.41	pCi/g
21-05355	Protactinium-233	0.013	pCi/g
21-05355	Protactinium-234M	10.5	pCi/g
21-05355	Radium-223	7.14	pCi/g
21-05355	Radium-224	0.838	pCi/g
21-05355	Radium-226	3.84	pCi/g
21-05355	Radon-219	7.453	pCi/g
21-05355	Thallium-208	0.483	pCi/g
21-05355	Thorium-227	8.178	pCi/g
21-05355	Thorium-228	1.55	pCi/g
21-05355	Thorium-230	1.11	pCi/g
21-05355	Thorium-232	1.38	pCi/g
21-05355	Thorium-234	-1.672	pCi/g
21-05355	Tritium	2.4	pCi/g
21-05355	Uranium-234	6.21	pCi/g
21-05355	Uranium-235	0.414	pCi/g
21-05355	Uranium235 + Uranium-236	0.266	pCi/g
21-05355	Uranium-238	2.69	pCi/g
21-05357	Actinium-228	1.459	pCi/g

TABLE 1
MAXIMUM RADIOLOGICAL CONSTITUENTS AT PRS 21-024(I)

Location Id	Name	Max	Units
21-05357	Americium-241	0.0438	pCi/g
21-05357	Bismuth-211	0.332	pCi/g
21-05357	Bismuth-212	2.3	pCi/g
21-05357	Bismuth-214	1.12	pCi/g
21-05357	Lead-211	0.277	pCi/g
21-05357	Lead-212	1.59	pCi/g
21-05357	Lead-214	1.38	pCi/g
21-05357	Neptunium-237	0.458	pCi/g
21-05357	Protactinium-231	1.347	pCi/g
21-05357	Protactinium-233	0.0157	pCi/g
21-05357	Protactinium-234M	11.28	pCi/g
21-05357	Radium-223	0.186	pCi/g
21-05357	Radium-224	1.489	pCi/g
21-05357	Radium-226	2.99	pCi/g
21-05357	Radon-219	0.128	pCi/g
21-05357	Thallium-208	0.4395	pCi/g
21-05357	Thorium-227	-0.15	pCi/g
21-05357	Thorium-228	1.39	pCi/g
21-05357	Thorium-230	1.24	pCi/g
21-05357	Thorium-232	1.41	pCi/g
21-05357	Thorium-234	-2.67	pCi/g
21-05357	Tritium	0.11	pCi/g
21-05357	Uranium-234	1.11	pCi/g
21-05357	Uranium-235	0.106	pCi/g
21-05357	Uranium235 + Uranium-236	0.0541	pCi/g
21-05357	Uranium-238	1.12	pCi/g
21-05362	Actinium-228	1.55	pCi/g
21-05362	Americium-241	0.048	pCi/g
21-05362	Bismuth-211	4.496	pCi/g
21-05362	Bismuth-212	1.21	pCi/g
21-05362	Bismuth-214	1.32	pCi/g
21-05362	Lead-211	5.067	pCi/g
21-05362	Lead-212	1.61	pCi/g
21-05362	Lead-214	1.48	pCi/g
21-05362	Neptunium-237	-1.237	pCi/g
21-05362	Protactinium-231	6.382	pCi/g
21-05362	Protactinium-233	0.0802	pCi/g
21-05362	Protactinium-234M	10.6	pCi/g
21-05362	Radium-223	4.21	pCi/g
21-05362	Radium-224	1.269	pCi/g
21-05362	Radium-226	7.65	pCi/g
21-05362	Radon-219	4.42	pCi/g
21-05362	Thallium-208	0.5018	pCi/g
21-05362	Thorium-227	4.343	pCi/g
21-05362	Thorium-228	1.41	pCi/g
21-05362	Thorium-230	0.973	pCi/g
21-05362	Thorium-232	1.37	pCi/g
21-05362	Thorium-234	5.357	pCi/g

TABLE 1
MAXIMUM RADIOLOGICAL CONSTITUENTS AT PRS 21-024(I)

Location Id	Name	Max	Units
21-05362	Tritium	0.61	pCi/g
21-05362	Uranium-234	7.25	pCi/g
21-05362	Uranium-235	0.462	pCi/g
21-05362	Uranium235 + Uranium-236	0.306	pCi/g
21-05362	Uranium-238	3.45	pCi/g
21-05379	Actinium-228	1.49	pCi/g
21-05379	Americium-241	0.027	pCi/g
21-05379	Bismuth-211	3.13	pCi/g
21-05379	Bismuth-212	1.34	pCi/g
21-05379	Bismuth-214	1.3298	pCi/g
21-05379	Lead-211	3.77	pCi/g
21-05379	Lead-212	1.42	pCi/g
21-05379	Lead-214	1.22	pCi/g
21-05379	Neptunium-237	-0.684	pCi/g
21-05379	Protactinium-231	4.722	pCi/g
21-05379	Protactinium-233	0.011	pCi/g
21-05379	Protactinium-234M	6.19	pCi/g
21-05379	Radium-223	3.67	pCi/g
21-05379	Radium-224	1.17	pCi/g
21-05379	Radium-226	5.402	pCi/g
21-05379	Radon-219	3.19	pCi/g
21-05379	Thallium-208	0.4523	pCi/g
21-05379	Thorium-227	3.34	pCi/g
21-05379	Thorium-228	1.46	pCi/g
21-05379	Thorium-230	0.932	pCi/g
21-05379	Thorium-232	1.38	pCi/g
21-05379	Thorium-234	-1.34	pCi/g
21-05379	Tritium	0.45	pCi/g
21-05379	Uranium-234	4.93	pCi/g
21-05379	Uranium-235	0.3403	pCi/g
21-05379	Uranium235 + Uranium-236	0.178	pCi/g
21-05379	Uranium-238	2.25	pCi/g
21-05389	Actinium-228	1.292	pCi/g
21-05389	Americium-241	0.118	pCi/g
21-05389	Bismuth-211	0	pCi/g
21-05389	Bismuth-212	2.19	pCi/g
21-05389	Bismuth-214	1.18	pCi/g
21-05389	Lead-211	0.63	pCi/g
21-05389	Lead-212	1.61	pCi/g
21-05389	Lead-214	1.3	pCi/g
21-05389	Neptunium-237	0.659	pCi/g
21-05389	Protactinium-231	3.12	pCi/g
21-05389	Protactinium-233	0	pCi/g
21-05389	Protactinium-234M	-0.602	pCi/g
21-05389	Radium-223	0.084	pCi/g
21-05389	Radium-224	1.09	pCi/g
21-05389	Radium-226	3.29	pCi/g
21-05389	Radon-219	0.073	pCi/g

TABLE 1
MAXIMUM RADIOLOGICAL CONSTITUENTS AT PRS 21-024(i)

Location Id	Name	Max	Units
21-05389	Thallium-208	0.543	pCi/g
21-05389	Thorium-227	-0.223	pCi/g
21-05389	Thorium-228	1.31	pCi/g
21-05389	Thorium-230	0.937	pCi/g
21-05389	Thorium-232	1.28	pCi/g
21-05389	Thorium-234	0.892	pCi/g
21-05389	Tritium	0.11	pCi/g
21-05389	Uranium-234	1.04	pCi/g
21-05389	Uranium-235	0.123	pCi/g
21-05389	Uranium235 + Uranium-236	0.0721	pCi/g
21-05389	Uranium-238	1.09	pCi/g
21-05404	Actinium-228	1.432	pCi/g
21-05404	Americium-241	0.06	pCi/g
21-05404	Bismuth-211	0.318	pCi/g
21-05404	Bismuth-212	1.6	pCi/g
21-05404	Bismuth-214	1.16	pCi/g
21-05404	Lead-211	0.561	pCi/g
21-05404	Lead-212	1.5807	pCi/g
21-05404	Lead-214	1.3	pCi/g
21-05404	Neptunium-237	0.339	pCi/g
21-05404	Protactinium-231	2.887	pCi/g
21-05404	Protactinium-233	0.028	pCi/g
21-05404	Protactinium-234M	8.57	pCi/g
21-05404	Radium-223	0.563	pCi/g
21-05404	Radium-224	1.919	pCi/g
21-05404	Radium-226	3.56	pCi/g
21-05404	Radon-219	0.408	pCi/g
21-05404	Thallium-208	0.4997	pCi/g
21-05404	Thorium-227	-0.245	pCi/g
21-05404	Thorium-228	1.45	pCi/g
21-05404	Thorium-230	1.06	pCi/g
21-05404	Thorium-232	1.36	pCi/g
21-05404	Thorium-234	-0.29	pCi/g
21-05404	Tritium	0.15	pCi/g
21-05404	Uranium-234	1.28	pCi/g
21-05404	Uranium-235	0.1631	pCi/g
21-05404	Uranium235 + Uranium-236	0.0631	pCi/g
21-05404	Uranium-238	1.12	pCi/g
21-05418	Actinium-228	1.38	pCi/g
21-05418	Americium-241	0.0927	pCi/g
21-05418	Bismuth-211	0	pCi/g
21-05418	Bismuth-212	3.63	pCi/g
21-05418	Bismuth-214	1.0617	pCi/g
21-05418	Lead-211	0.294	pCi/g
21-05418	Lead-212	1.3	pCi/g
21-05418	Lead-214	1.038	pCi/g
21-05418	Neptunium-237	0.42	pCi/g
21-05418	Protactinium-231	2.558	pCi/g

TABLE 1
MAXIMUM RADIOLOGICAL CONSTITUENTS AT PRS 21-024(I)

Location Id	Name	Max	Units
21-05418	Protactinium-233	0.0241	pCi/g
21-05418	Protactinium-234M	6.89	pCi/g
21-05418	Radium-223	0.264	pCi/g
21-05418	Radium-224	1.01	pCi/g
21-05418	Radium-226	2.46	pCi/g
21-05418	Radon-219	0.251	pCi/g
21-05418	Thallium-208	0.4957	pCi/g
21-05418	Thorium-227	-0.443	pCi/g
21-05418	Thorium-228	1.56	pCi/g
21-05418	Thorium-230	1.11	pCi/g
21-05418	Thorium-232	1.5	pCi/g
21-05418	Thorium-234	0.396	pCi/g
21-05418	Tritium	0.1	pCi/g
21-05418	Uranium-234	0.752	pCi/g
21-05418	Uranium-235	0.073	pCi/g
21-05418	Uranium235 + Uranium-236	0.0518	pCi/g
21-05418	Uranium-238	0.739	pCi/g
21-05422	Actinium-228	1.832	pCi/g
21-05422	Americium-241	0.033	pCi/g
21-05422	Bismuth-211	0.931	pCi/g
21-05422	Bismuth-212	0.83	pCi/g
21-05422	Bismuth-214	1.4	pCi/g
21-05422	Lead-211	0.953	pCi/g
21-05422	Lead-212	1.613	pCi/g
21-05422	Lead-214	1.139	pCi/g
21-05422	Neptunium-237	1.033	pCi/g
21-05422	Protactinium-231	2.452	pCi/g
21-05422	Protactinium-233	0.014	pCi/g
21-05422	Protactinium-234M	1.94	pCi/g
21-05422	Radium-223	0.474	pCi/g
21-05422	Radium-224	2.759	pCi/g
21-05422	Radium-226	2.803	pCi/g
21-05422	Radon-219	0.172	pCi/g
21-05422	Thallium-208	0.5637	pCi/g
21-05422	Thorium-227	0.082	pCi/g
21-05422	Thorium-228	1.61	pCi/g
21-05422	Thorium-230	1.11	pCi/g
21-05422	Thorium-232	1.67	pCi/g
21-05422	Thorium-234	-0.682	pCi/g
21-05422	Tritium	0.16	pCi/g
21-05422	Uranium-234	1.76	pCi/g
21-05422	Uranium-235	0.1328	pCi/g
21-05422	Uranium235 + Uranium-236	0.0653	pCi/g
21-05422	Uranium-238	1.14	pCi/g
21-05425	Actinium-228	1.893	pCi/g
21-05425	Americium-241	0.0658	pCi/g
21-05425	Bismuth-211	0.708	pCi/g
21-05425	Bismuth-212	1.94	pCi/g

TABLE 1
MAXIMUM RADIOLOGICAL CONSTITUENTS AT PRS 21-024(I)

Location Id	Name	Max	Units
21-05425	Bismuth-214	1.23	pCi/g
21-05425	Lead-211	-0.049	pCi/g
21-05425	Lead-212	1.81	pCi/g
21-05425	Lead-214	1.411	pCi/g
21-05425	Neptunium-237	0.799	pCi/g
21-05425	Protactinium-231	2.89	pCi/g
21-05425	Protactinium-233	0.0329	pCi/g
21-05425	Protactinium-234M	4.01	pCi/g
21-05425	Radium-223	0.245	pCi/g
21-05425	Radium-224	1.87	pCi/g
21-05425	Radium-226	3.488	pCi/g
21-05425	Radon-219	0.227	pCi/g
21-05425	Thallium-208	0.597	pCi/g
21-05425	Thorium-227	-0.139	pCi/g
21-05425	Thorium-228	1.58	pCi/g
21-05425	Thorium-230	1.05	pCi/g
21-05425	Thorium-232	1.55	pCi/g
21-05425	Thorium-234	-0.985	pCi/g
21-05425	Tritium	0.05	pCi/g
21-05425	Uranium-234	0.833	pCi/g
21-05425	Uranium-235	0.1278	pCi/g
21-05425	Uranium235 + Uranium-236	0.0541	pCi/g
21-05425	Uranium-238	0.856	pCi/g
21-1395	Americium-241	1.3	pCi/g
21-1395	Plutonium-238	0.043	pCi/g
21-1395	Plutonium-239	0.64	pCi/g
21-1395	Strontium-90	1	pCi/g
21-1395	Thorium-228	1.5	pCi/g
21-1395	Thorium-230	0.9	pCi/g
21-1395	Thorium-232	1.2	pCi/g
21-1395	Tritium	130	pCi/g
21-1396	Americium-241	1.3	pCi/g
21-1396	Plutonium-238	0.084	pCi/g
21-1396	Plutonium-239	9.2	pCi/g
21-1396	Strontium-90	0.5	pCi/g
21-1396	Thorium-228	1.4	pCi/g
21-1396	Thorium-230	1.1	pCi/g
21-1396	Thorium-232	1.4	pCi/g
21-1396	Tritium	38.3	pCi/g
21-1397	Americium-241	1.54	pCi/g
21-1397	Plutonium-238	0.077	pCi/g
21-1397	Plutonium-239	6.1	pCi/g
21-1397	Strontium-90	0.7	pCi/g
21-1397	Thorium-228	1.2	pCi/g
21-1397	Thorium-230	1.3	pCi/g
21-1397	Thorium-232	1.1	pCi/g
21-1397	Tritium	406	pCi/g
21-1599	Actinium-227	3.57	pCi/g

TABLE 1
MAXIMUM RADIOLOGICAL CONSTITUENTS AT PRS 21-024(l)

Location Id	Name	Max	Units
21-1599	Americium-241	0.066	pCi/g
21-1599	Plutonium-238	0.01	pCi/g
21-1599	Plutonium-239	0.641	pCi/g
21-1599	Strontium-90	0.32	pCi/g
21-1599	Tritium	53.27459	pCi/g
21-1599	Uranium-234	9.67	pCi/g
21-1599	Uranium-235	0.31	pCi/g
21-1599	Uranium-238	4.86	pCi/g
21-1600	Actinium-227	33.23	pCi/g
21-1600	Americium-241	0.098	pCi/g
21-1600	Plutonium-238	0.024	pCi/g
21-1600	Plutonium-239	2.572	pCi/g
21-1600	Strontium-90	0.14	pCi/g
21-1600	Tritium	169.56584	pCi/g
21-1600	Uranium-234	10.34	pCi/g
21-1600	Uranium-235	0.42	pCi/g
21-1600	Uranium-238	5.72	pCi/g
21-1601	Actinium-227	17.77	pCi/g
21-1601	Americium-241	0.084	pCi/g
21-1601	Plutonium-238	0.015	pCi/g
21-1601	Plutonium-239	1.681	pCi/g
21-1601	Strontium-90	0.21	pCi/g
21-1601	Tritium	41.90879	pCi/g
21-1601	Uranium-234	9.96	pCi/g
21-1601	Uranium-235	0.39	pCi/g
21-1601	Uranium-238	5.3	pCi/g
21-1602	Actinium-227	4.39	pCi/g
21-1602	Americium-241	0.045	pCi/g
21-1602	Plutonium-238	0.01	pCi/g
21-1602	Plutonium-239	0.311	pCi/g
21-1602	Strontium-90	0.28	pCi/g
21-1602	Tritium	0.26457	pCi/g
21-1602	Uranium-234	1.82	pCi/g
21-1602	Uranium-235	0.11	pCi/g
21-1602	Uranium-238	1.53	pCi/g
21-1603	Actinium-227	7.83	pCi/g
21-1603	Americium-241	0.206	pCi/g
21-1603	Plutonium-238	0.012	pCi/g
21-1603	Plutonium-239	1.061	pCi/g
21-1603	Strontium-90	0.2	pCi/g
21-1603	Tritium	3.95572	pCi/g
21-1603	Uranium-234	4.78	pCi/g
21-1603	Uranium-235	0.21	pCi/g
21-1603	Uranium-238	2.91	pCi/g
21-1604	Actinium-227	3.89	pCi/g
21-1604	Americium-241	0.028	pCi/g
21-1604	Plutonium-238	0.004	pCi/g
21-1604	Plutonium-239	0.317	pCi/g

TABLE 1
MAXIMUM RADIOLOGICAL CONSTITUENTS AT PRS 21-024(i)

Location Id	Name	Max	Units
21-1604	Strontium-90	0.23	pCi/g
21-1604	Tritium	0.81545	pCi/g
21-1604	Uranium-234	1.475	pCi/g
21-1604	Uranium-235	0.066	pCi/g
21-1604	Uranium-238	1.239	pCi/g
21-1605	Actinium-227	110.85	pCi/g
21-1605	Americium-241	0.162	pCi/g
21-1605	Plutonium-238	0.032	pCi/g
21-1605	Plutonium-239	1.602	pCi/g
21-1605	Strontium-90	0.31	pCi/g
21-1605	Tritium	889.26952	pCi/g
21-1605	Uranium-234	35.425	pCi/g
21-1605	Uranium-235	1.37	pCi/g
21-1605	Uranium-238	13.024	pCi/g
21-1606	Actinium-227	56.84	pCi/g
21-1606	Americium-241	0.335	pCi/g
21-1606	Plutonium-238	0.058	pCi/g
21-1606	Plutonium-239	9.687	pCi/g
21-1606	Strontium-90	0.25	pCi/g
21-1606	Tritium	676.97802	pCi/g
21-1606	Uranium-234	47.93	pCi/g
21-1606	Uranium-235	1.91	pCi/g
21-1606	Uranium-238	23.03	pCi/g
21-1672	Actinium-227	6.87	pCi/g
21-1672	Americium-241	0.01	pCi/g
21-1672	Plutonium-238	0.002	pCi/g
21-1672	Plutonium-239	0.005	pCi/g
21-1672	Strontium-90	-0.06	pCi/g
21-1672	Thorium-228	1.51	pCi/g
21-1672	Thorium-230	1.28	pCi/g
21-1672	Thorium-232	1.45	pCi/g
21-1672	Tritium	1335.58261	pCi/g
21-1672	Uranium-234	1.28	pCi/g
21-1672	Uranium-235	0.12	pCi/g
21-1672	Uranium-238	1.2	pCi/g

REFERENCE

Storm Water Best Management Practice (BMP) Guidance Document

RSI RESPONSE
PRS 21-024(i) INTERIM ACTION PLAN

STORM WATER
BEST MANAGEMENT PRACTICE (BMP)
GUIDANCE DOCUMENT

Prepared for:

Los Alamos National Laboratory
Water Quality & Hydrology Group
ESH-18

Prepared by:
Merrick Engineers & Architects
195 East Road
Los Alamos, New Mexico 87544
(505) 662-0606
Job Number: 30012743

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PREFACE

This guidance document was developed to provide information on the selection, installation, inspection, and maintenance of Best Management Practices (BMPs) designed to control the migration of potential pollutants to surface water. Migration includes concentrated storm water runoff, erosion, and sediment transport. The intent of this guidance document is to provide a consistent approach in the selection and use of BMPs at Los Alamos National Laboratory (LANL).

The use of BMPs to minimize pollutant migration is a requirement of several regulatory programs, including the surface water quality standards established by the New Mexico Environment Department. BMP use is also associated with a LANL voluntary program for the control of non-point source pollution. Under the National Pollutant Discharge Elimination System (NPDES) Storm Water Program, the Environmental Protection Agency (EPA) defines a BMP as *"schedules of activities, prohibitions of practices, maintenance procedures, and other management practices to prevent or reduce the pollution of waters of the United States. BMPs also include treatment requirements, operating procedures, and practices to control facility site runoff, spillage or leaks, sludge or waste disposal, or drainage from raw material storage."*

The BMPs discussed in this document are vegetative and structural controls designed to manage concentrated storm water runoff, to minimize erosion and sediment transport, and to prevent a spill or leak from adversely impacting surface water and the environment. These selected BMPs are applicable for the arid climate of the region, and are those controls commonly used in outside industry. The BMPs are organized within the following sections:

- Sediment Retention Controls
- Diversion Structures & Controls
- Conveyance Structures & Controls
- Vegetative Controls
- Channel Stabilization
- Spill Prevention

This document is not intended to be inclusive of all the BMPs that may be applicable at LANL. As new surface water pollution controls are reviewed and used, they may be added to this document. In addition, the information provided in this document is not intended for use as an engineering design standard. Such applicable standards are found in the LANL Civil Standards Manual.

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SILT FENCE

GENERAL DESCRIPTION:

A silt fence is a temporary sedimentation control used most commonly on slope contours and within small drainage areas. Its primary function is to detain sediment onsite by creating minimal ponding of storm water runoff and allowing transported sediment to settle out. Traditional silt fence design consists of filter fabric attached to support posts with the lower portion of the fence vertically entrenched and covered by backfill. The fence may also be supported by wire mesh. Additional variations of silt fence design, such as straw bale barriers wrapped in filter fabric, are also used.

PROS:

- Relatively inexpensive for materials and construction
- Minimal clearing or grubbing prior to installation
- Easy to inspect
- Very effective when used with low velocity runoff
- No formal design is required
- Effective where sheet and rill erosion is a problem

CONS:

- Appropriate only for small drainage areas (approximately one acre or less)
- Appropriate only for low velocity flows (approximately less than 0.5 cfs)
- Not designed to support significant ponding
- Upslope grade perpendicular to the fence should not exceed 1:1
- Requires frequent inspection (minimum - after each significant rainfall)
- Requires prompt repair to maintain effectiveness

INSTALLATION GUIDELINES:

Traditional Silt Fence

- The height of a silt fence shall not exceed 36 inches. Ponding and sediment storage height shall not exceed 18 inches.
- The fence line shall follow the contour as closely as possible and maintain a uniform elevation.
- To help ensure maximum life expectancy of the silt fence, the filter fabric should contain ultraviolet ray inhibitors and stabilizers.
- Where possible filter fabric should be cut from a continuous roll to avoid the use of joints. If joints are required, the fabric should be spliced at a support post with a 6 inch minimum overlap. Both ends should be securely fastened to the post.
- Posts shall be spaced a maximum of 10 feet when wire support is used and a maximum of 6 feet apart when used without wire support. Posts should be driven into the ground a minimum of 12 inches.
- The ends of the fence shall be turned uphill.
- Along the line of posts, on the upslope side of the fence, a 4 inch wide trench shall be excavated and the filter fabric buried to a minimum depth of 6 inches. The trench shall be backfilled and the soil compacted over the toe of the filter fabric
- When using standard-strength filter fabric, a wire mesh support fence should be fastened to the upslope side of the posts using heavy duty wire staples at least 1 inch long, tie wires or hog rings. Extend the wire into the trench a minimum of 2 inches and no more than 36 inches above the original ground surface. The filter fabric shall then be stapled or wired to the fence with 6 inches of the fabric extending into the trench.

- When using extra-strength filter fabric, a wire mesh support fence is not required. The filter fabric shall then be stapled or wired directly to the posts.
- Silt fences shall be set at least 6 feet from the toe of a slope to increase ponding volume.

Straw Bale Silt Fence

- Bales shall be wrapped in filter fabric.
- Fences should be no more than one bale high.
- Bales should be embedded in a trench that has been excavated to a minimum depth of 4 inches.
- Bales should tightly abut one another.
- Gaps between bale sections should be filled, and backfill material should be tamped to prevent erosional displacement.

INSPECTION AND MAINTENANCE:

- For active field operations, silt fences shall be inspected weekly and following each storm event producing greater than 0.5 inches of precipitation.
- When site activity has ceased and significant surface runoff is not likely (arid season), inspections shall be conducted at least every other month and following each storm event producing greater than 0.5 inches of precipitation.
- If an additional inspection frequency is specified within a Storm Water Pollution Prevention (SWPP) Plan, this frequency shall be followed.
- Inspections shall be documented on the BMP Inspection and Maintenance Form.
- Inspectors should identify in particular:
  - Correct installation
  - Effectiveness in controlling sediment transport and erosion.
  - Damage that has occurred since the last inspection. *Most notably*: torn or sagging fences, areas where runoff has eroded a channel beneath or around the fence, and collapsed bales.
  - Required maintenance
  - Sediment accumulations and the need to remove the accumulations.
  - Evidence of erosion or other damage in the surrounding area.
- Accumulated sediment shall be removed when it reaches 1/3 to 1/2 the height of the silt fence.
- Removed sediment accumulations shall not be placed within any drainage, above or below the BMP.
- Removed sediment shall be stabilized to prevent future migration from storm water runoff.
- Required repairs should be conducted immediately and documented in the current or next inspection record.

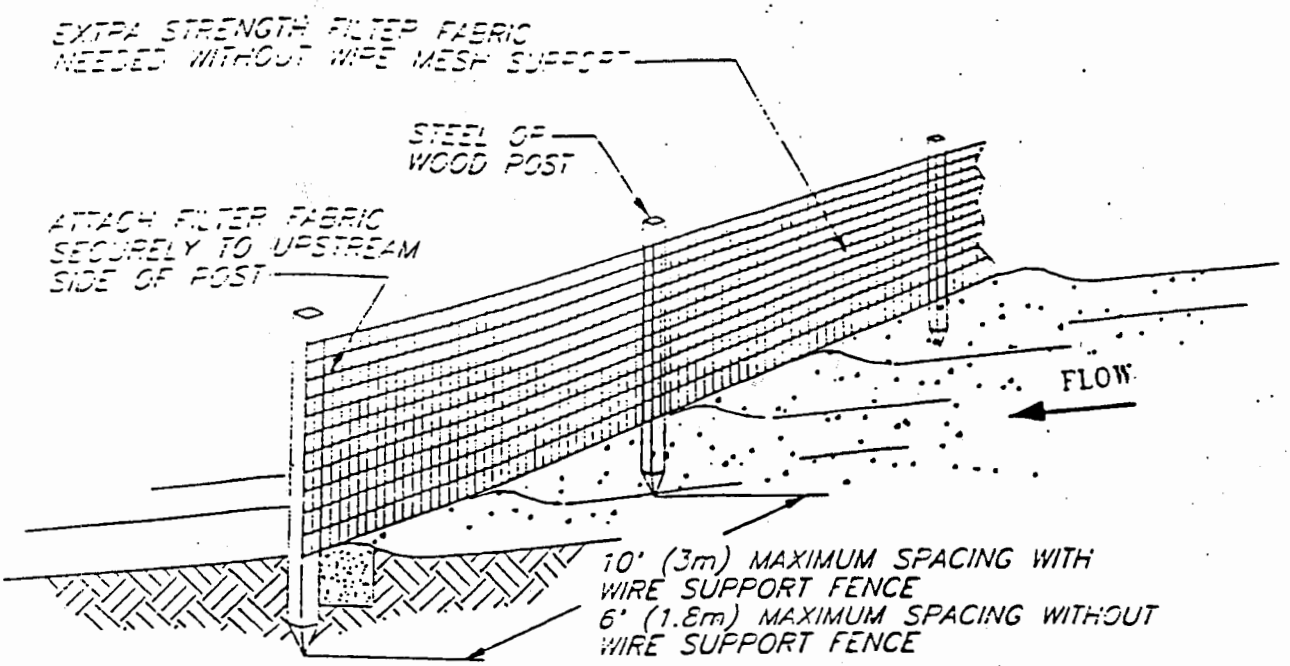
Environmental media (e.g. soil, sediment, surface and ground water) is not considered waste. However, contaminated environmental media may constitute solid waste and/or hazardous waste. If there is any potential for accumulated sediment to be contaminated, a waste determination must be made and documented. For guidance, see the Laboratory's LIRs on Radioactive Waste, Managing Solid Waste, and Hazardous and Mixed Waste Requirements for Generators.

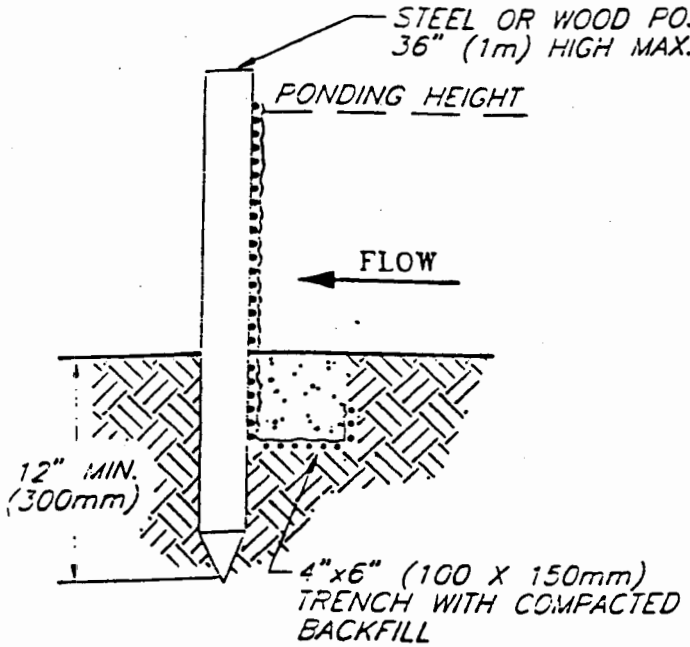
Inspection plans and records shall be maintained by the owner/operator, and made available for future regulatory inspections.

REMOVAL CRITERIA:

- Silt fences shall not be removed until the upslope area has been permanently stabilized with structural controls or vegetation.
- Final vegetative stabilization is defined as 70% of the vegetative cover that would exist under normal site conditions. This determination shall be made by the Water Quality & Hydrology Group (ESH-18).

For assistance with BMP selection, installation, or maintenance, please contact ESH-18 at 665-4752.





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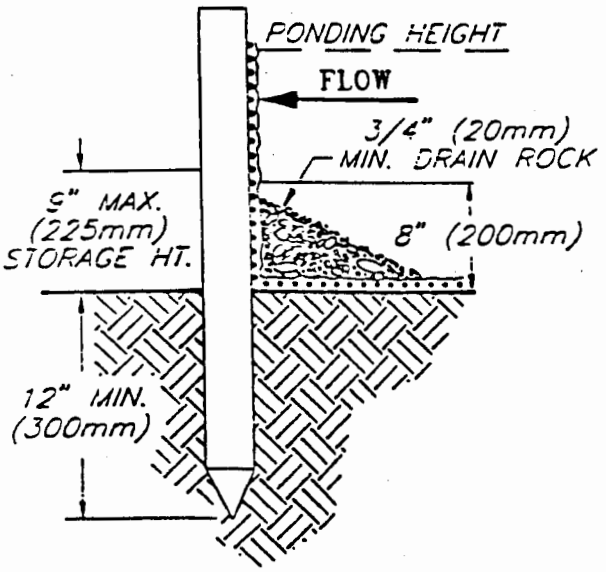


INSTALLATION WITHOUT TRENCHING

NOTES:

1. SILT FENCE SHALL BE PLACED ON SLOPE CONTOURS TO MAXIMIZE PONDING EFFICIENCY.

2. INSPECT AND REPAIR FENCE AFTER EACH STORM EVENT AND REMOVE SEDIMENT WHEN NECESSARY. 9" (225mm) MAXIMUM RECOMMENDED STORAGE HEIGHT.

3. REMOVED SEDIMENT SHALL BE DEPOSITED TO AN AREA THAT WILL NOT CONTRIBUTE SEDIMENT OFF-SITE AND CAN BE PERMANENTLY STABILIZED.

NOT TO SCALE

FILE: SILTFENC

STRAW BALE BARRIER

GENERAL DESCRIPTION:

A straw bale barrier is a temporary sediment retention control. These barriers are designed for sheet flow runoff and detain sediment by ponding water and allowing sediment particles to settle out. They are also effective in reducing runoff velocity and minimizing erosion. Straw bale barriers are typically placed across a slope, at the toe of a slope, or around the perimeter of construction sites and land disturbing activities.

PROS:

- Inexpensive control
- Easy to install
- Easy to inspect
- Effective in detaining sediment from sheet flow runoff

CONS:

- Appropriate only for small drainage areas (approximately one acre or less)
- Appropriate only for low velocity flows (approximately less than 0.5 cfs)
- Upslope grade perpendicular to the fence should not exceed 2:1
- May require continual maintenance
- Life span is much shorter than that of a silt fence

INSTALLATION GUIDELINES:

- When placed at the toe of a slope, straw bales should be installed a minimum of 5-6 feet from the slope.
- Ponding and sediment storage height shall not exceed one half the height of the bale.
- Barriers should be no more than one bale high.
- Bales should be embedded in a trench that has been excavated to a minimum depth of 4 inches.
- Backfill material shall be firmly compacted.
- Bales should tightly abut one another.
- If the bales are bound with wire, place the bales so the wire does not contact the soil.
- When placed on a slope, anchor the bales in place with two 2 x 2 inch stakes or rebar through each bale. The first stake shall be driven toward the previously laid bale to force the bales tightly together, and stakes shall be driven into the ground a minimum of 18 inches.
- If used on a relatively flat surface in conjunction with regular inspections, the straw bales do not need to be anchored.
- Gaps between bales should be filled, and backfill material should be tamped to prevent erosional displacement.

INSPECTION AND MAINTENANCE:

- For active field operations, straw bale barriers shall be inspected weekly and following each storm event producing greater than 0.5 inches of precipitation.
- When site activity has ceased and significant surface runoff is not likely (arid season), inspections shall be conducted at least every other month and following each storm event producing greater than 0.5 inches of precipitation.
- If an additional inspection frequency is specified within a Storm Water Pollution Prevention (SWPP) Plan, this frequency shall be followed.
- Inspections shall be documented on the BMP Inspection and Maintenance Form.
- Inspectors should identify in particular:

- Correct installation.
- Effectiveness in controlling sediment transport and erosion.
- Damage that has occurred since the last inspection.
- Required maintenance.
- Sediment accumulations and the need to remove the accumulations.
- Evidence of erosion or other damage in the surrounding area.

- Closely inspect bales for deterioration.
- Accumulated sediment shall be removed when it reaches 1/2 to 1/3 the height of the bale.
- Removed sediment accumulations shall not be placed within any drainage, either above or below the BMP.
- Removed sediment shall be stabilized to prevent future migration from storm water runoff.
- Required repairs should be conducted immediately and documented in the current or next inspection record.

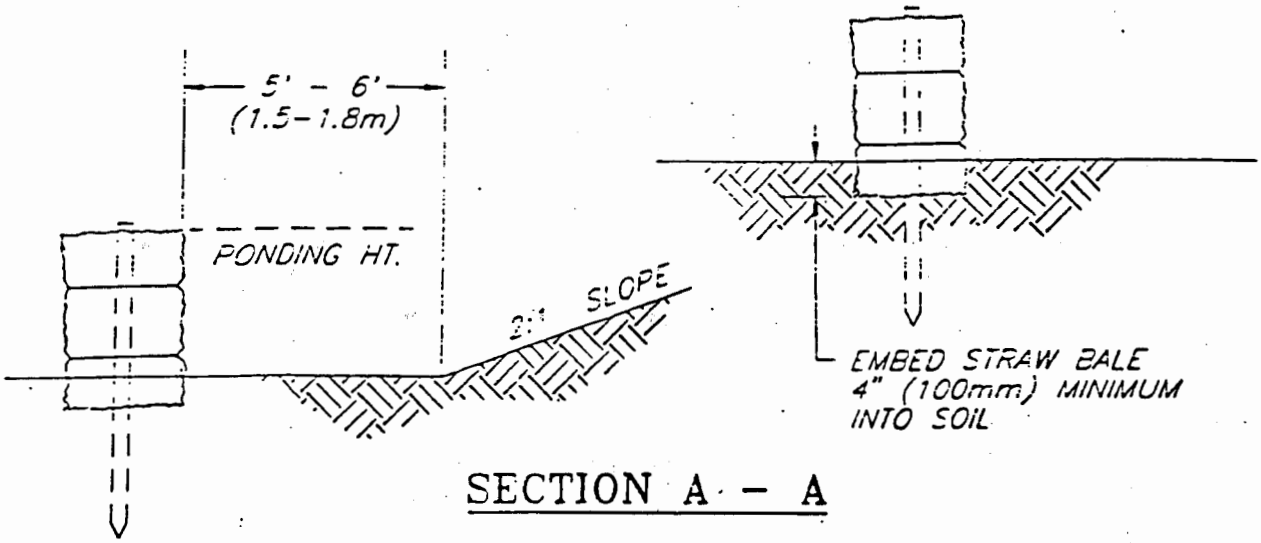
Environmental media (e.g. soil, sediment, surface and ground water) is not considered waste. However, contaminated environmental media may constitute solid waste and/or hazardous waste. If there is any potential for accumulated sediment to be contaminated, a waste determination must be made and documented. For guidance, see the Laboratory's LIRs on Radioactive Waste, Managing Solid Waste, and Hazardous and Mixed Waste Requirements for Generators.

Inspection plans and records shall be maintained by the owner/operator, and made available for future regulatory inspections.

REMOVAL CRITERIA:

- Straw bale barriers shall be removed when the area has been permanently stabilized with structural controls or vegetation.
- Final vegetative stabilization is defined as 70% of the vegetative cover that would exist under normal site conditions. This determination shall be made by the Water Quality & Hydrology Group (ESH-18).

For assistance with BMP selection, installation, or maintenance, please contact ESH-18 at 665-4752.



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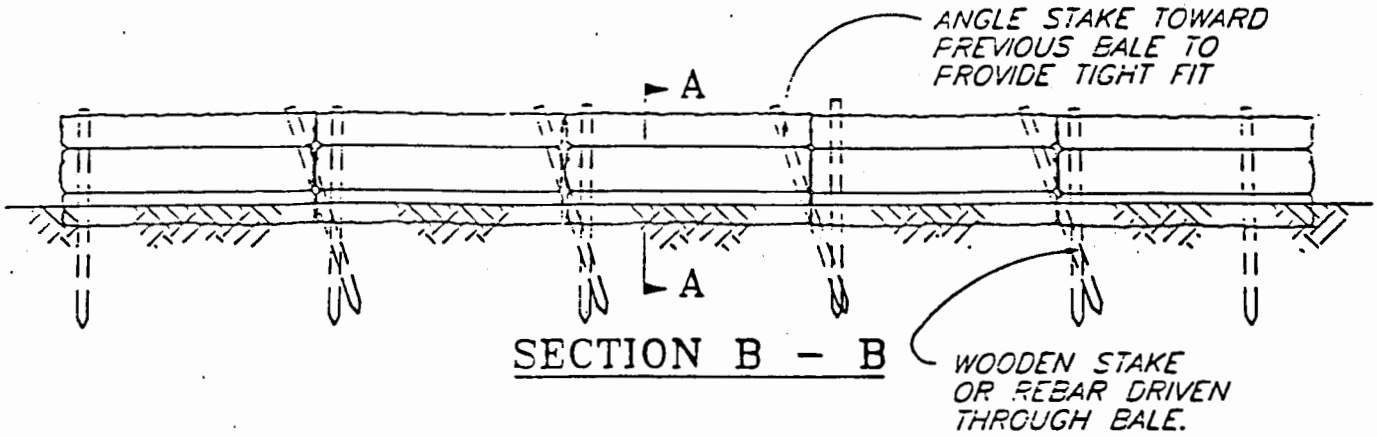

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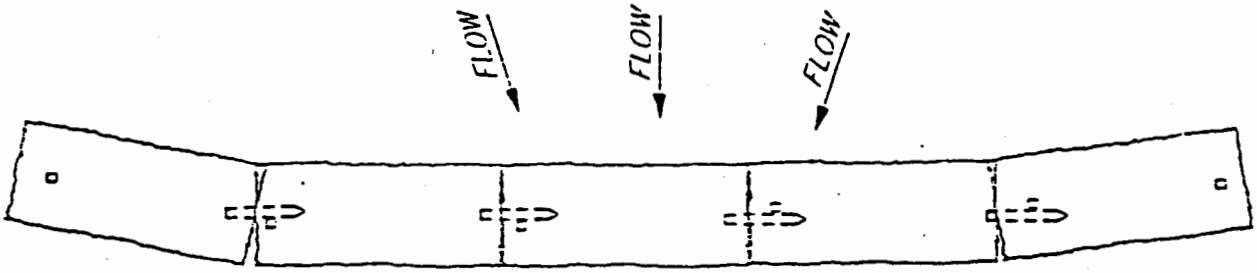


PLAN

NOTES:

1. THE STRAW BALES SHALL BE PLACED ON SLOPE CONTOUR.
2. BALES TO BE PLACED IN A ROW WITH THE ENDS TIGHTLY ABUTTING.
3. KEY IN BALES TO PREVENT EROSION OR FLOW UNDER BALES.

BRUSH BARRIER

GENERAL DESCRIPTION:

A brush barrier is a temporary sediment retention control composed of cleared or grubbed materials such as brush, tree limbs, weeds or grasses, root material, soil and rock. When piled together and placed at the toe of a slope or at the bottom perimeter of a disturbed area, these material reduce runoff velocity and trap and retain sediment. Brush barriers can be constructed by either binding material together with twine or by placing filter fabric over the piled material. The use of filter fabric increases filtering efficiency.

PROS:

- Inexpensive to construct
- Constructed from onsite waste material, minimizing disposal volumes
- Easy to install
- Requires very little maintenance
- If applicable to site conditions, the barrier will naturally decompose over time

CONS:

- Appropriate only for small drainage areas (approximately one acre or less)
- Cannot be placed in drainage channels or at the toe of steep slopes (greater than 2:1)
- Has limited sediment retention and cannot be used in place of a sediment trap
- If constructed without filter fabric, may be unsightly in appearance

INSTALLATION GUIDELINES:

- When placed at the toe of a slope, the barrier should be installed a minimum of 5-6 feet from the slope.
- Pile barrier material uniformly in a row, minimizing voids.
- Minimize the amount of top soil included with the barrier material.
- To minimize the possibility of leaching, do not use wood chips.
- Ensure that brush and tree limbs are not removed from an area of contamination.
- Ponding height should not exceed more than 2/3 the height of the barrier.

Vegetation Only

- Large material such as brush and tree limbs shall bound together with twine or other suitable material.
- Fill gaps with appropriate loose material.
- To anchor the barrier, place wooden stakes along the downhill edge. Stakes shall be driven into the ground a minimum of 12 inches.
- Stakes shall be spaced a maximum of 10 feet apart.

Filter Fabric

- Along the uphill edge of the barrier, excavate a trench 4 inches wide and a minimum of 6 inches deep.
- Drape filter fabric over the barrier, extending the fabric into the trench.
- Bury the filter fabric to a minimum depth of 6 inches.
- Backfill the trench and firmly compact the soil.
- On the downhill side of the barrier, approximately 1-2 feet from the edge, stakes shall be driven into the ground a minimum of 12 inches. Stakes shall be spaced a maximum of 10 feet apart.
- Anchor the downhill edge of the fabric by tying twine, or other suitable material, from the fabric to the stakes.

INSPECTION AND MAINTENANCE:

- For active field operations, brush barriers shall be inspected weekly and following each storm event producing greater than 0.5 inches of precipitation.
- When site activity has ceased and significant surface runoff is not likely (arid season), inspections shall be conducted at least every other month and following each storm event producing greater than 0.5 inches of precipitation.
- If an additional inspection frequency is specified within a Storm Water Pollution Prevention (SWPP) Plan, this frequency shall be followed.
- Inspections shall be documented on the BMP Inspection and Maintenance Form.
- Inspectors should identify in particular:
  - Correct installation.
  - Effectiveness in controlling sediment transport and erosion.
  - Damage that has occurred since the last inspection.
  - Required maintenance.
  - Sediment accumulations and the need to remove the accumulations.
  - Evidence of erosion or other damage in the surrounding area.
- Inspect the filter fabric for tears or other damage.
- Inspect the barrier for areas breached by concentrated flows.
- Accumulated sediment shall be removed when it reaches 1/3 to 1/2 the height of the barrier.
- Removed sediment accumulations shall not be placed within any drainage, either above or below the BMP.
- Removed sediment shall be stabilized to prevent future migration from storm water runoff.
- Required repairs should be conducted immediately and documented in the current or next inspection record.

Environmental media (e.g. soil, sediment, surface and ground water) is not considered waste. However, contaminated environmental media may constitute solid waste and/or hazardous waste. If there is any potential for accumulated sediment to be contaminated, a waste determination must be made and documented. For guidance, see the Laboratory's LIRs on Radioactive Waste, Managing Solid Waste, and Hazardous and Mixed Waste Requirements for Generators.

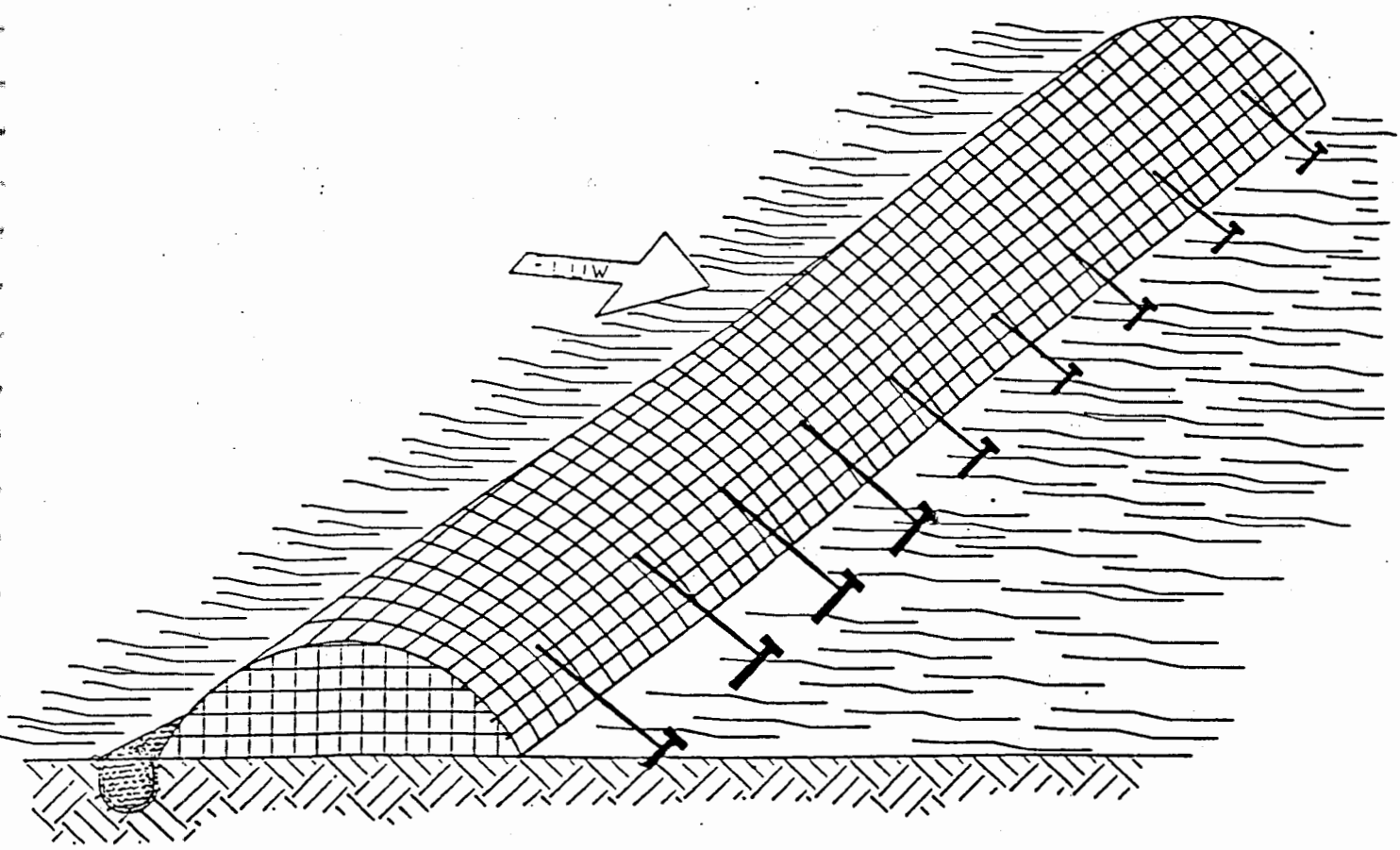
Inspection plans and records shall be maintained by the owner/operator, and made available for future regulatory inspections.

REMOVAL CRITERIA:

- Brush barriers shall not be removed until the area has been permanently stabilized with structural controls or vegetation.
- Final vegetative stabilization is defined as 70% of the vegetative cover that would exist under normal site conditions. This determination shall be made by the Water Quality & Hydrology Group (ESH-18).

For assistance with BMP selection, installation, or maintenance, please contact ESH-18 at 665-4752.

BRUSH BARRIER



PROFILE

SEDIMENT TRAPS & BASINS

GENERAL DESCRIPTION:

Sediment traps and basins are excavated depressions, or naturally low areas with an earthen embankment, used to detain sediment laden runoff while excess sediment settles. Runoff is detained within the trap or basin and released through a controlled outlet structure or a spillway that is usually constructed from stone. The amount of sediment retained, as well as the particle size of the retained sediment, is dependent upon runoff detention time. Sediment traps and basins perform the same function but basins are typically larger in size, serve a larger drainage area, and make use of a controlled outlet structure.

PROS:

- Effective in reducing offsite sediment transport
- Depending on size, can be effective in retaining small and fine sediment particles
- Depending on design, may be used with concentrated and high volume flows
- Minimizes sediment accumulations in downstream storm water conveyances

CONS:

- Requires continual maintenance and accessibility for removal of sediment accumulations
- Accumulated sediment may be difficult to remove
- May occupy large areas that must be avoided during construction activities
- Basins may require additional controls to ensure adherence to applicable safety practices

INSTALLATION GUIDELINES:

- Sediment traps and basins should be designed to be used in conjunction with other BMPs.
- Traps and basins should be located where loss of containment would not cause loss of life or property damage.
- Traps and basins shall not be located in a natural watercourse.
- Traps and basins shall be constructed prior to the start of any land disturbing activities.
- Clear or grub the installation area, removing trees, brush, stumps, and other obstructions.
- Remove vegetation within the installation area to facilitate the cleanout of sediment accumulations.
- Ensure that fill material for embankments is free of roots, woody vegetation, and large stones.
- When constructing embankments, place fill material in 6 inch lifts and compact each lift with a compactor or with the appropriate earth moving equipment.
- When compacting with earth moving equipment, construct the embankment 10% higher than the design elevation to allow for settlement. When using a compactor, construct the embankment 5% higher than the design elevation.
- As soon as practicable, stabilize the embankment with seed, mulch, or matting.

Sediment Trap

- Traps should not be used for drainage areas exceeding 5 disturbed acres.
- Traps shall not be used as permanent structures.
- The embankment height for traps should not exceed 5 feet.
- Ensure that sediment trap cut and fill slopes have a maximum slope of 3:1.
- Spillways should be designed to provide the trap with a 1.5 foot settling zone and a 1 foot sediment storage zone.
- The trap outlet area shall be lined with filter fabric prior to placement of stone or gravel.
- Stones used to construct the spillway should be between 6 and 12 inches in diameter.

Sediment Basin

- Basins should be used for drainage areas exceeding 5 disturbed acres.
- Basin geometry and side slope ratios shall conform to design specifications.
- The volume of a basin should include a settling zone of at least 2 feet and a minimum 1.5 foot sediment storage zone.
- A subsurface drain and/or a solid riser pipe with dewatering holes should be used to provide sufficient runoff detention time.
- The basin entrance should be as far as practicable from the outlet to maximize runoff detention time.
- The riser pipe shall be securely attached to the discharge pipe with all connections being watertight.
- Ensure that the riser and discharge pipe are placed on a firm, smooth soil foundation. Sand, gravel, crushed stone, or other pervious materials shall not be used as backfill around the pipe.
- At the discharge pipe spillway, place fill material around the pipe in 4-inch lifts. Compact the material to at least the same density as the adjacent embankment.
- Construct an emergency spillway with the crest elevation being one foot higher than the end of the riser pipe. Ensure that spillway width, and entrance and exit slopes conform to design specifications.
- Ensure that the emergency spillway is not constructed in fill material and, as soon as practicable, stabilize the emergency spillway with seed, mulch, or matting.
- If the basin outlet is a rock lined spillway, line the outlet area with filter fabric prior to placement of stone or gravel.
- Stones used to construct the spillway should be a minimum of 6 inches in diameter.

INSPECTION AND MAINTENANCE:

- For active field operations, sediment traps and basins shall be inspected weekly and following each storm event producing greater than 0.5 inches of precipitation.
- When site activity has ceased and significant surface runoff is not likely (arid season), inspections shall be conducted at least every other month and following each storm event producing greater than 0.5 inches of precipitation.
- If an additional inspection frequency is specified within a Storm Water Pollution Prevention (SWPP) Plan, this frequency shall be followed.
- Inspections shall be documented on the BMP Inspection and Maintenance Form.
- Inspectors should identify in particular:
  - Correct installation.
  - Effectiveness in controlling runoff and sediment transport.
  - Damage that has occurred since the last inspection.
  - Required maintenance.
  - Sediment accumulations and the need to remove the accumulations.
  - Evidence of erosion or other damage in the surrounding area.
- Closely inspect embankments for undermining, erosion, or other damage.
- Accumulated sediment shall be removed when it exceeds ½ the design sediment storage volume.
- Removed sediment accumulations shall not be placed within any drainage, either above or below the BMP.
- Removed sediment shall be stabilized to prevent future migration from storm water runoff.
- Required repairs should be conducted immediately and documented in the current or next inspection record.

Environmental media (e.g. soil, sediment, surface and ground water) is not considered waste. However, contaminated environmental media may constitute solid waste and/or hazardous waste. If there is any potential for accumulated sediment to be contaminated, a waste determination must be made and documented. For guidance, see the Laboratory's LIRs on Radioactive Waste, Managing Solid Waste, and Hazardous and Mixed Waste Requirements for Generators.

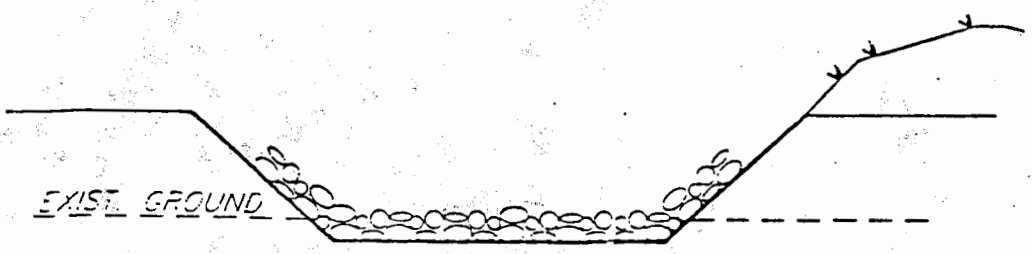
Inspection plans and records shall be maintained by the owner/operator, and made available for future regulatory inspections.

REMOVAL CRITERIA:

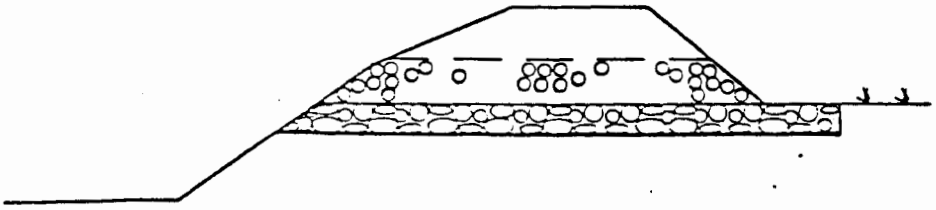
- Traps and basins shall not be removed until the disturbed area has been permanently stabilized with structural controls or vegetation.
- Final vegetative stabilization is defined as 70% of the vegetative cover that would exist under normal site conditions. This determination shall be made by the Water Quality & Hydrology Group (ESH-18).

For assistance with BMP selection, installation, or maintenance, please contact ESH-18 at 665-4752.

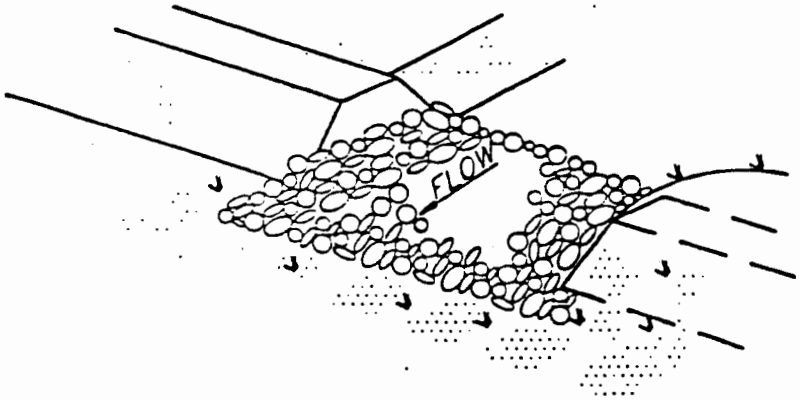
SEDIMENT TRAP



PROFILE

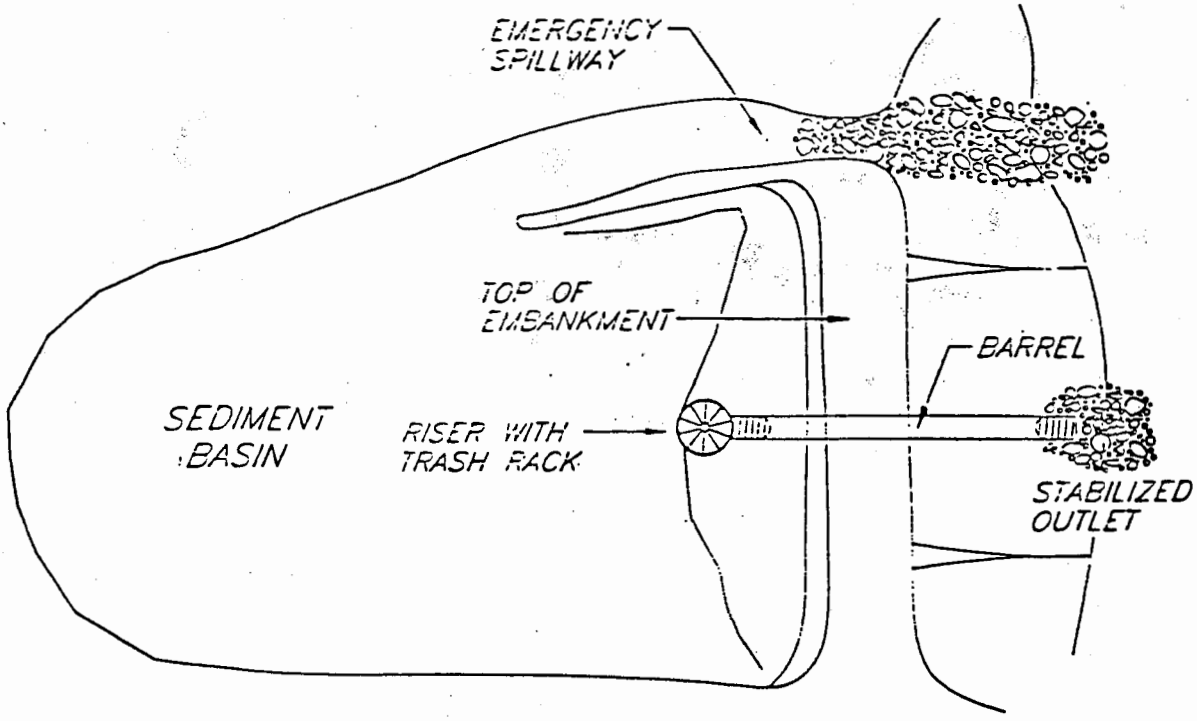


CROSS SECTION

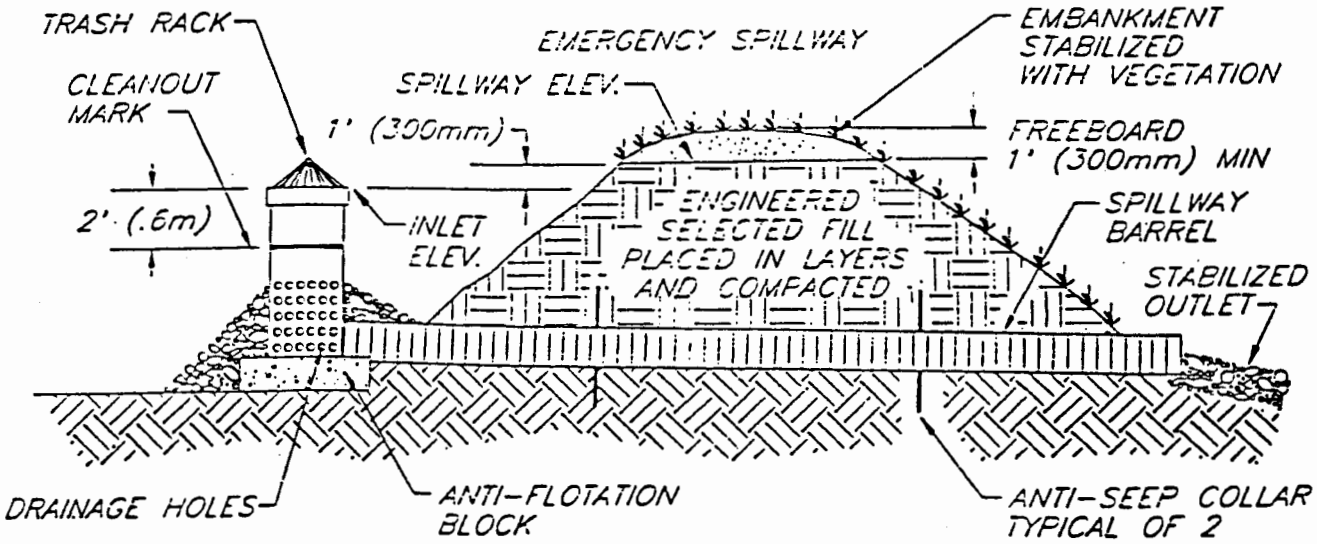


PERSPECTIVE VIEW

TYPICAL SEDIMENT BASIN



PLAN



SECTION

NOTES:

1. THE TEMPORARY SEDIMENT BASIN, DESIGNED BY A QUALIFIED PROFESSIONAL, IS REQUIRED FOR DISTURBED AREAS GREATER THAN 5 ACRES WITHIN A DRAINAGE AREA LESS THAN 100 ACRES.
2. THE SEDIMENT BASIN WILL BE REMOVED WITHIN 3 YEARS.

TEMPORARY CONSTRUCTION ENTRANCE/EXIT

GENERAL DESCRIPTION:

A temporary construction entrance/exit is a small area that has been stabilized with gravel. This pad is located at the location where vehicles enter and exit a construction site. Its purpose is to filter the sediment that collects on vehicles and eliminate off-site tracking of sediment.

PROS:

- Easy to install
- Easy to inspect
- Minimal cost to construct
- Effective in reducing off-site sediment transport

CONS:

- Requires continual maintenance
- Depending upon soil conditions, may be difficult to clean out sediment
- Location is dependent upon proximity to water sources and storm drains

INSTALLATION GUIDELINES:

- The gravel used for pad construction shall be 2-3 inch maximum size aggregate.
- Gravel placement shall conform to the grade and dimensions shown on the design drawings.
- If required, geotextile fabrics should be used to improve the stability of the pad foundation.
- Gravel shall be spread to a minimum thickness of 6 inches.
- The pad shall extend the full width of the entrance/exit. Minimum pad width shall be 12 feet.
- Minimum pad length shall be 50 feet.
- If possible, entrance/exit pads shall not be placed on steep grades or at curves in public roads.
- Controls shall be established to prevent sediment from the pad from entering storm drains or other watercourses.

INSPECTION AND MAINTENANCE:

- For active field operations, temporary construction entrance/exits shall be inspected weekly and following each storm event producing greater than 0.5 inches of precipitation.
- When site activity has been reduced to periodic traffic and significant surface runoff is not likely (arid season), inspections shall be conducted at least every other month and following each storm event producing greater than 0.5 inches of precipitation.
- If an additional inspection frequency is specified within a Storm Water Pollution Prevention (SWPP) Plan, this frequency shall be followed.
- Inspections shall be documented on the BMP Inspection and Maintenance Form.
- Inspectors should identify in particular:
  - Correct installation.
  - Effectiveness in controlling sediment transport.
  - Damage that has occurred since the last inspection.
  - Required maintenance.
  - Sediment accumulations and the need to remove the accumulations.
  - Evidence of erosion or other damage in the surrounding area.
- As required, add additional layers of gravel to the pad to prevent off-site tracking of sediment.
- Replace gravel as required.

- Removed sediment accumulations shall not be placed within any drainage, either above or below the BMP.
- Removed sediment shall be stabilized to prevent future migration from storm water runoff.
- Required repairs should be conducted immediately and documented in the current or next inspection record.

Environmental media (e.g. soil, sediment, surface and ground water) is not considered waste. However, contaminated environmental media may constitute solid waste and/or hazardous waste. If there is any potential for accumulated sediment to be contaminated, a waste determination must be made and documented. For guidance, see the Laboratory's LIRs on Radioactive Waste, Managing Solid Waste, and Hazardous and Mixed Waste Requirements for Generators.

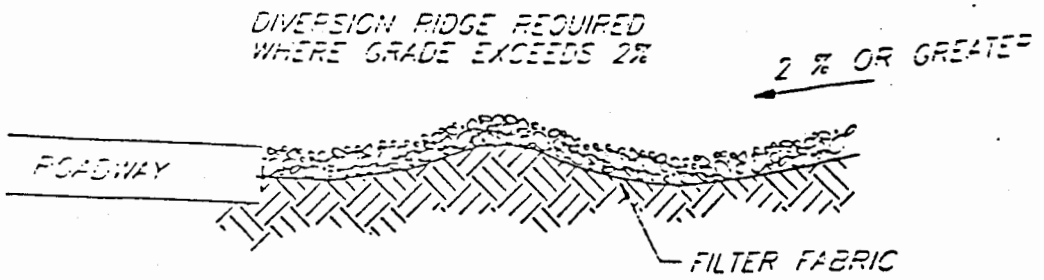
Inspection plans and records shall be maintained by the owner/operator, and made available for future regulatory inspections.

REMOVAL CRITERIA:

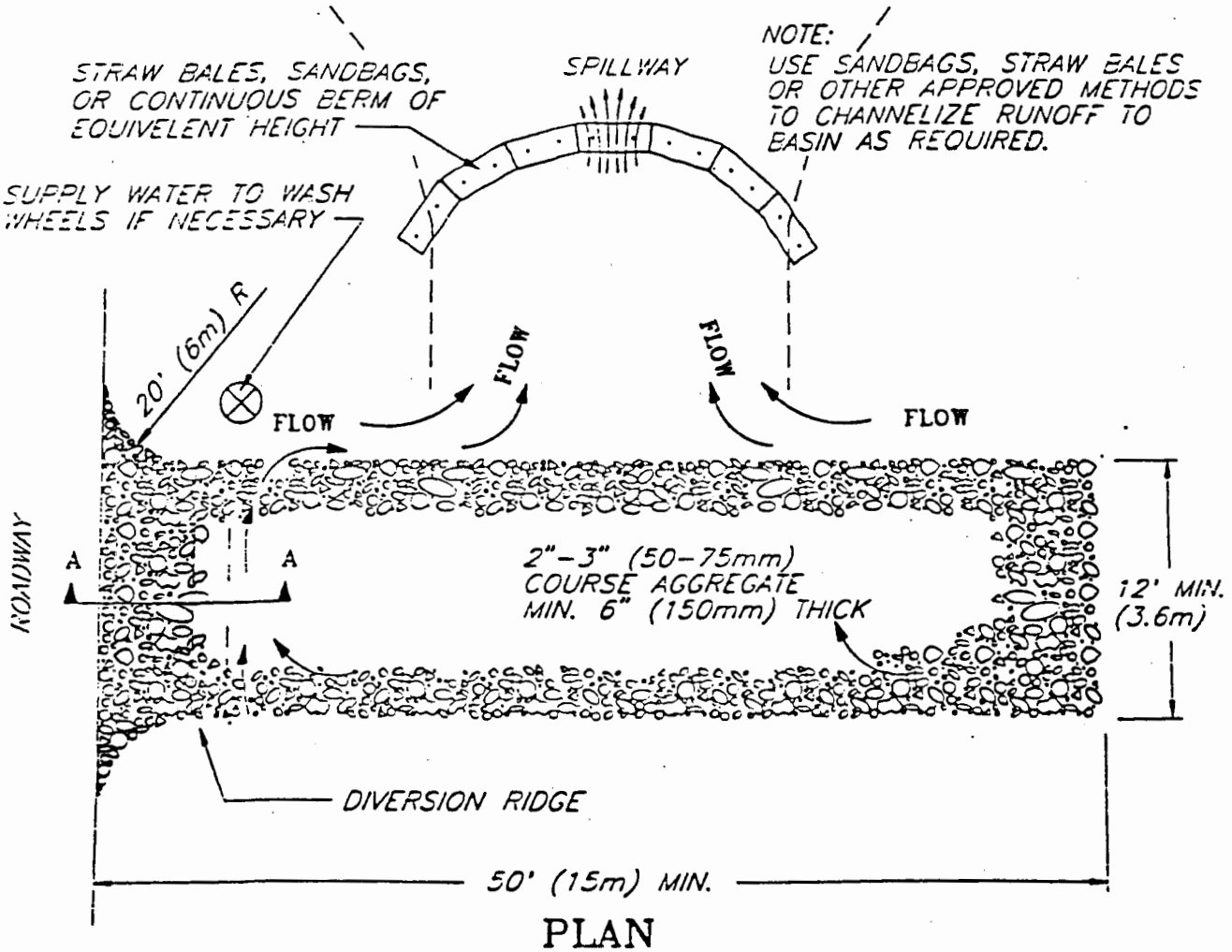
- Temporary construction entrance/exits shall be removed when the area has been permanently stabilized, or when all construction activities have ceased.
- Final stabilization is defined as 70% of the vegetative cover that would exist under normal site conditions. This determination shall be made by the Water Quality & Hydrology Group (ESH-18).

For assistance with BMP selection, installation, or maintenance, please contact ESH-18 at 665-4752.

TEMPORARY GRAVEL CONSTRUCTION ENTRANCE/EXIT



SECTION A – A



PLAN

NOTES:

1. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAYS. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.

2. WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY.

3. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABLIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN.

STORM DRAIN INLET PROTECTION

GENERAL DESCRIPTION:

A storm drain inlet protection is a temporary sediment barrier that is placed around either a drop or curb drain inlet. The barriers prevent sediment from entering a storm drain by ponding runoff and allowing sediment to settle out. These barriers are also designed to allow overflow from large storm events. Inlet protection is most commonly constructed from straw bales, sandbags, filter fabric, and concrete blocks and gravel.

PROS:

- Easy to inspect
- Prevents silting-in of storm drain inlets
- Effective in reducing off-site sediment transport

CONS:

- Requires continual maintenance
- Accumulated sediment may be difficult to remove
- Practical only for relatively low volume flows

INSTALLATION GUIDELINES:

- Installation of inlet protection shall precede soil disturbing activities.
- Inlet protection material shall correspond to site conditions and the size of the drainage area.
- Inlet protection should be used in combination with other controls.
- Protection barriers should be placed on gentle slopes to facilitate ponding.
- Barrier placement shall allow for overflow from a large storm event. Overflow shall not be bypassed over the curb.

Sandbags

- Sandbag material shall be a type of geotextile fabric that will not rapidly deteriorate.
- Fill sandbags with 3/4 inch drain rock or 1/4 inch pea gravel.
- Sandbags shall be placed in a curved row with the ends curved and pointing uphill.
- Sandbags should be packed tightly and placed in overlapping layers.
- To allow overflow, form a spillway in the sandbag structure by leaving a one-sandbag gap in the top row.

Straw Bale

- Straw bales shall be embedded within a trench around the inlet. The trench should be as wide as a straw bale and excavated to a minimum depth of 4 inches.
- If the bales are bound with wire, place the bales so the wire does not contact the soil.
- Orient the straw bales lengthwise around the inlet.
- Anchor the bales in place with two 2 x 2 inch stakes or rebar through each bale.
- Fill void spaces between the bales as necessary.

Filter Fabric

- Filter fabric shall be attached to steel or 2 by 4 inch wood support posts. Posts shall have a minimum length of 3 feet and a maximum spacing of 3 feet. A top frame support is recommended.
- Measured from the top of the inlet, the maximum height of the silt fence shall be a 1.5 feet.
- Bury the bottom of the silt fence in 4 inch wide by 6 inch deep trench.
- The excavated trench shall be backfilled with soil and firmly tamped.

Concrete Blocks & Gravel

- Blocks shall be embedded within a trench around the inlet. The trench should be as wide as a block and excavated to a minimum depth of 3 inches.
- Place the blocks around the inlet, tightly abutting the ends.
- If the blocks being used have openings, place wire mesh or filter fabric over the openings.
- To assist in sediment retention, backfill the blocks with ¾ - 2 inch gravel. Firmly compact the backfill.

INSPECTION AND MAINTENANCE:

- For active field operations, storm drain inlet protections shall be inspected weekly and following each storm event producing greater than 0.5 inches of precipitation.
- When site activity has ceased and significant surface runoff is not likely (arid season), inspections shall be conducted at least every other month and following each storm event producing greater than 0.5 inches of precipitation.
- If an additional inspection frequency is specified within a Storm Water Pollution Prevention (SWPP) Plan, this frequency shall be followed.
- Inspections shall be documented on the BMP Inspection and Maintenance Form.
- Inspectors should identify in particular:
    - Correct installation.
    - Effectiveness in controlling sediment transport.
    - Damage that has occurred since the last inspection.
    - Required maintenance.
    - Sediment accumulations and the need to remove the accumulations.
    - Evidence of erosion or other damage in the surrounding area.
- Inspect inlet barriers for the accumulation of trash.
- Replace materials as required.
- Accumulated sediment shall be removed when it reaches 1/3 to 1/2 the height of the inlet protection.
- Removed sediment accumulations shall not be placed within any drainage, either above or below the BMP.
- Removed sediment shall be stabilized to prevent future migration from storm water runoff.
- Required repairs should be conducted immediately and documented in the current or next inspection record.

Environmental media (e.g. soil, sediment, surface and ground water) is not considered waste. However, contaminated environmental media may constitute solid waste and/or hazardous waste. If there is any potential for accumulated sediment to be contaminated, a waste determination must be made and documented. For guidance, see the Laboratory's LIRs on Radioactive Waste, Managing Solid Waste, and Hazardous and Mixed Waste Requirements for Generators.

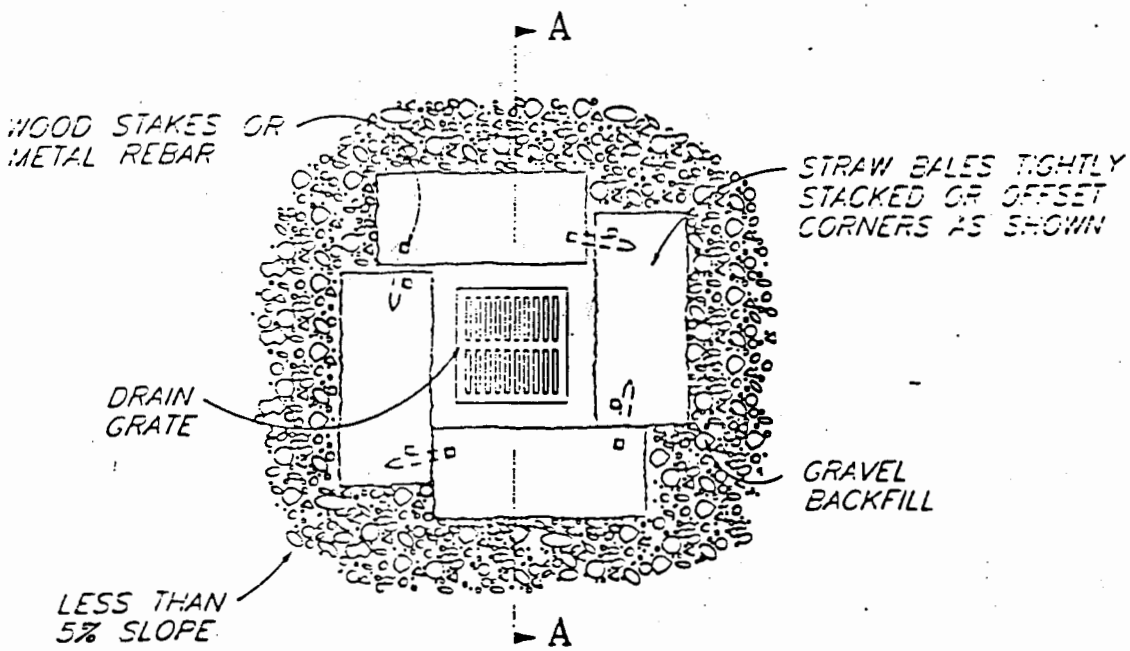
Inspection plans and records shall be maintained by the owner/operator, and made available for future regulatory inspections.

REMOVAL CRITERIA:

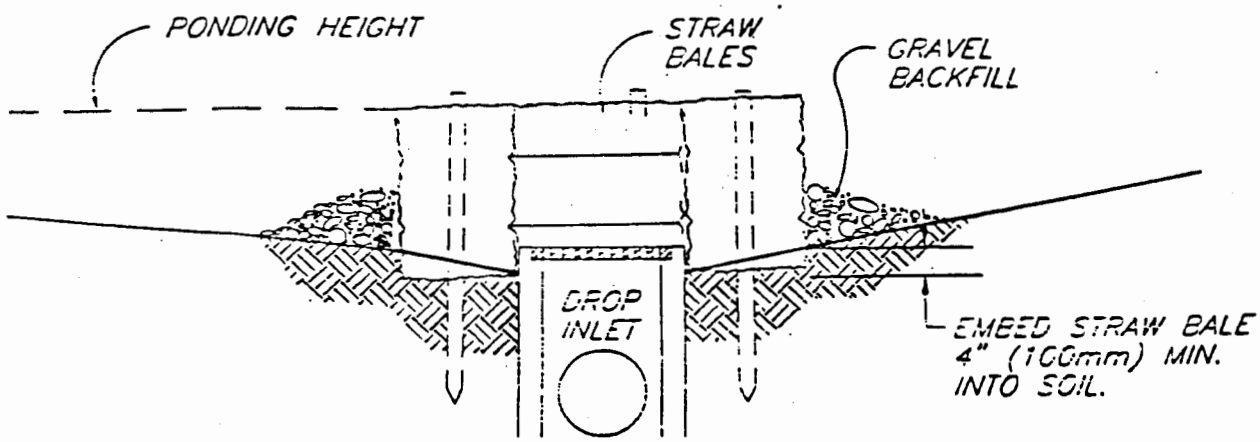
- Storm drain inlet protections shall be removed when the area has been permanently stabilized, or when the construction of permanent storm drain structures has been completed.
- Final stabilization is defined as 70% of the vegetative cover that would exist under normal site conditions. This determination shall be made by the Water Quality & Hydrology Group (ESH-18).

For assistance with BMP selection, installation, or maintenance, please contact ESH-18 at 665-4752.

INLET SEDIMENT BARRIER



PLAN VIEW

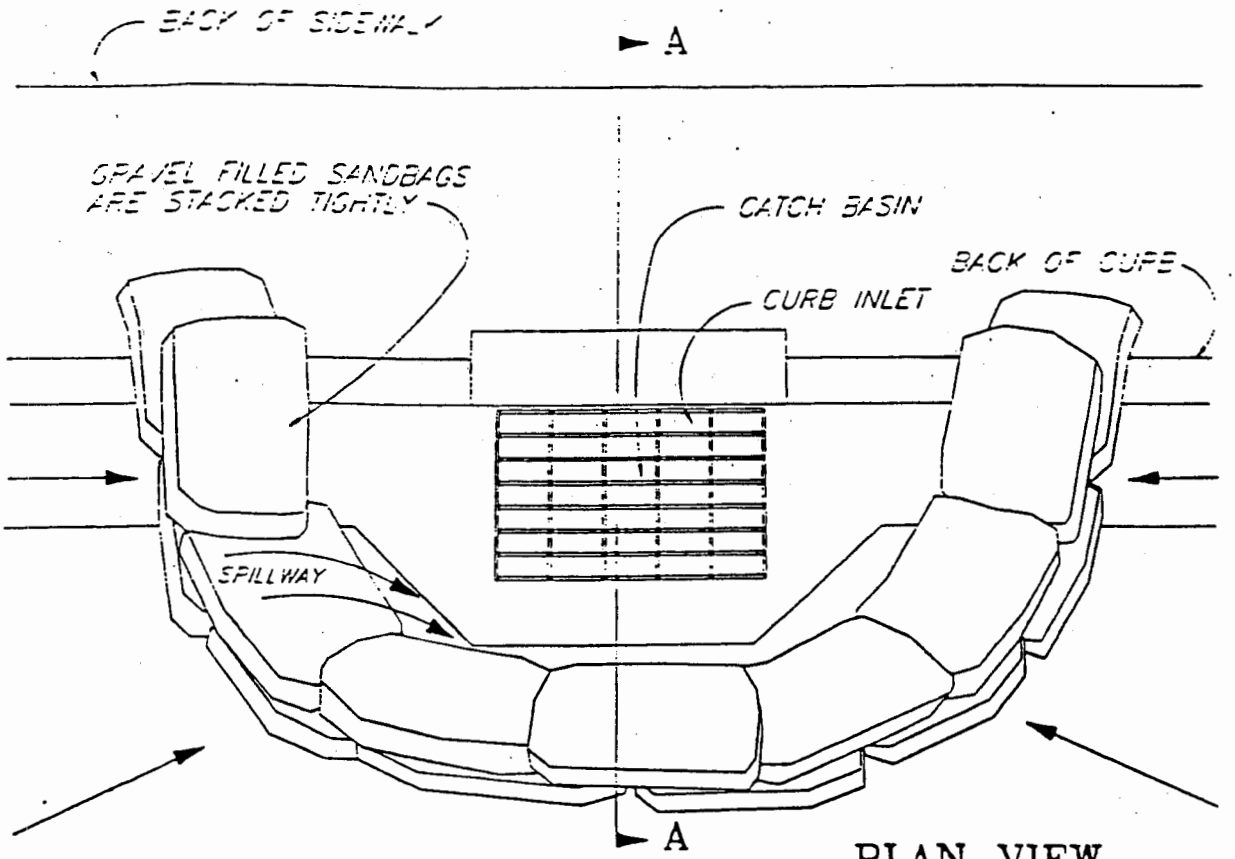


SECTION A–A

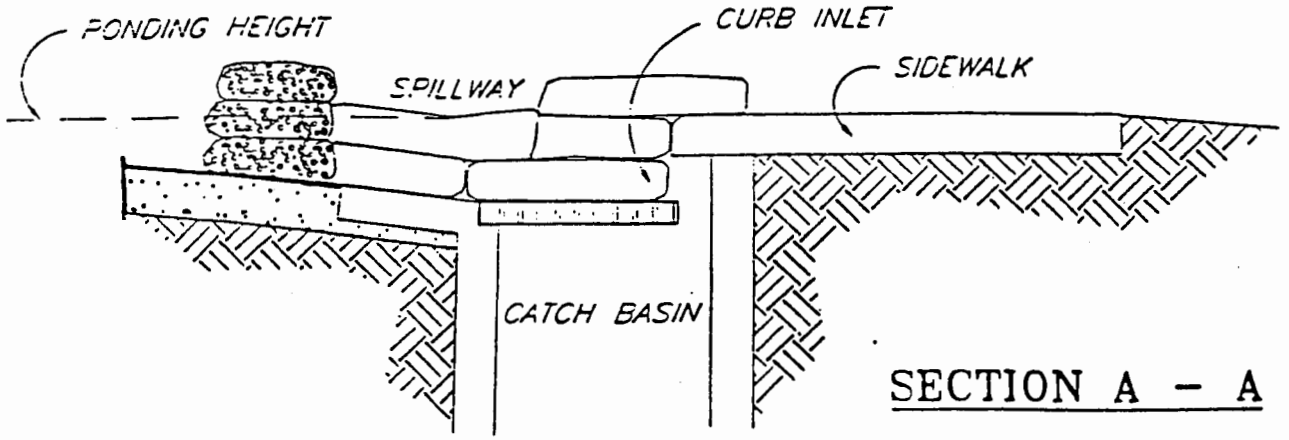
NOTES:

1. DROP INLET SEDIMENT BARRIERS ARE TO BE USED FOR SMALL, NEARLY LEVEL DRAINAGE AREAS. (LESS THAN 5%)
2. EMBED THE BALES 4" (100mm) INTO THE SOIL AND OFFSET CORNERS OR PLACE BALES WITH ENDS TIGHTLY ABUTING. GRAVEL BACKFILL WILL PREVENT EROSION OR FLOW AROUND THE BALES.
3. THE TOP OF THE STRUCTURE (PONDING HEIGHT) MUST BE WELL BELOW THE GROUND ELEVATION DOWNSLOPE TO PREVENT RUNOFF FROM BYPASSING THE INLET. EXCAVATION OF A BASIN ADJACENT TO THE DROP INLET OR A TEMPORARY DIKE ON THE DOWNSLOPE OF THE STRUCTURE MAY BE NECESSARY.

CURB INLET SEDIMENT BARRIER (SANDBAGS)



PLAN VIEW

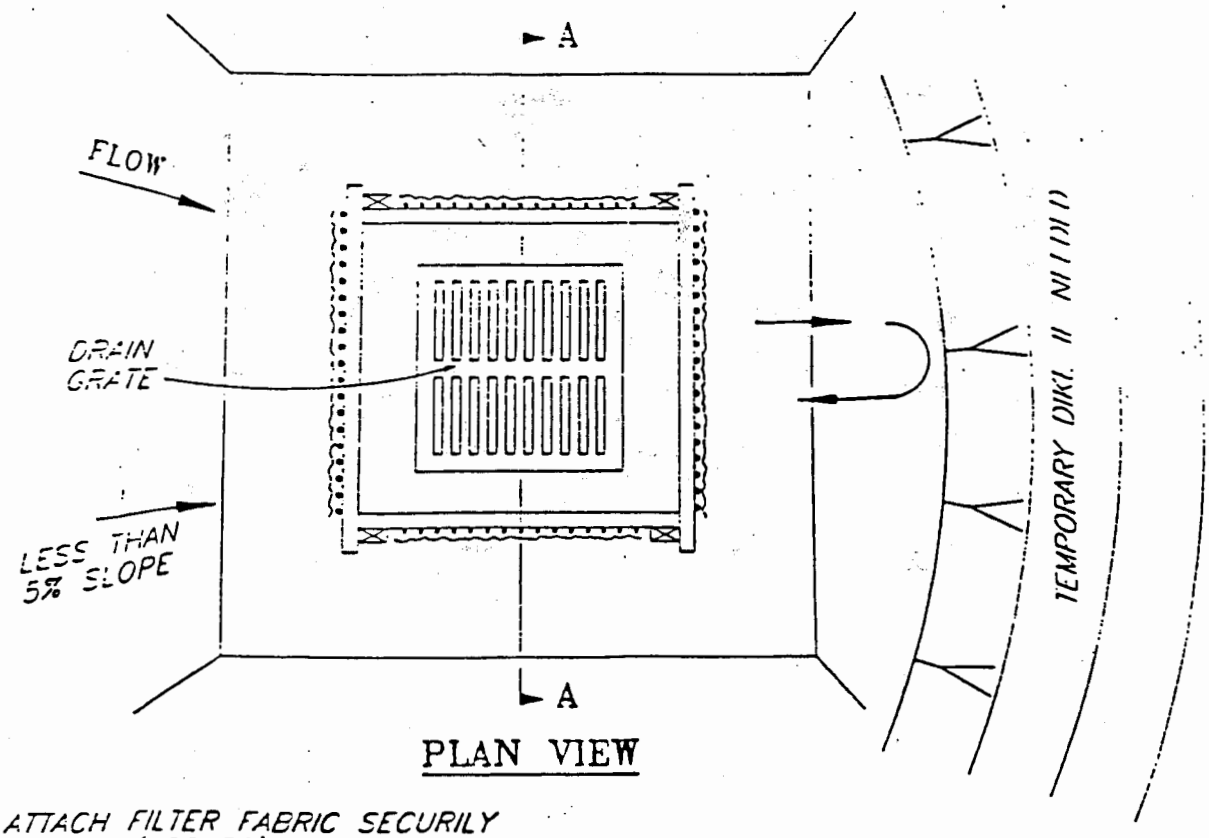


SECTION A – A

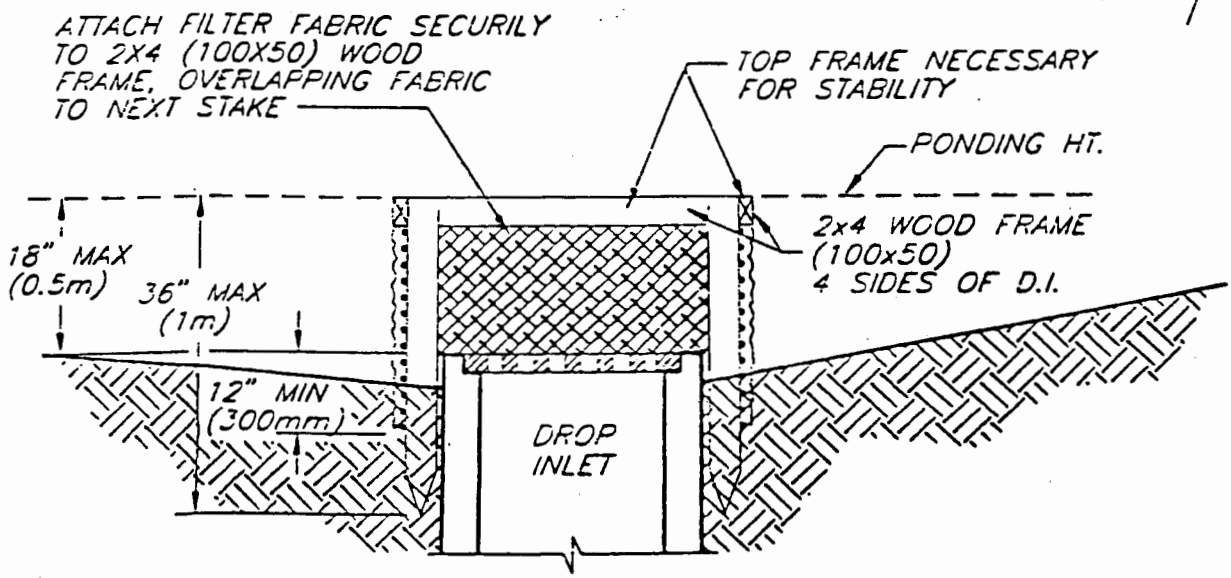
NOTES:

1. PLACE CURB TYPE SEDIMENT BARRIERS ON GENTLY SLOPING STREET SEGMENTS WHERE WATER CAN POND AND ALLOW SEDIMENT TO SEPARATE FROM RUNOFF.
2. SANDBAGS, OF EITHER BURLAP OR WOVEN GEOTEXTILE FABRIC, ARE FILLED WITH GRAVEL, LAYERED AND PACKED TIGHTLY.
3. LEAVE ONE SANDBAG GAP IN THE TOP ROW TO PROVIDE A SPILLWAY FOR OVERFLOW.
4. INSPECT BARRIERS AND REMOVE SEDIMENT AFTER EACH STORM EVENT. SEDIMENT AND GRAVEL MUST BE REMOVED FROM THE TRAVELED WAY IMMEDIATELY.

INLET SEDIMENT BARRIER



PLAN VIEW



SECTION A-A

NOTES:

1. DROP INLET SEDIMENT BARRIERS ARE TO BE USED FOR SMALL, NEARLY LEVEL DRAINAGE AREAS. (LESS THAN 5%)
2. USE 2"X4" (100X50mm) WOOD OR EQUIVALENT METAL STAKES, 3' (1m) MINIMUM LENGTH.
3. INSTALL 2"X4" (100X50mm) WOOD TOP FRAME TO INSURE STABILITY.
4. THE TOP OF THE FRAME (PONDING HEIGHT) MUST BE WELL BELOW THE GROUND ELEVATION DOWNSLOPE TO PREVENT RUNOFF FROM BY-PASSING THE INLET. A TEMPORARY DIKE MAY BE NECESSARY ON THE DOWNSLOPE SIDE OF THE STRUCTURE.

NOT TO SCALE

Waste Description

Sludge: The sludge will be containerized in 55 gal drums and transported to TA-54 for storage and or disposal. Estimated volume of sludge is 4-5 cuyd.

Tank: The tank will be demolished and removed then placed in covered roll-offs or B-25 boxes. Waste will be transported to TA-54 for storage and or disposal. Estimated volume is 5-6 cuyd.

Outfall Soil: Soil from the outfall will be placed in covered roll-offs or B-25 boxes. Estimated volume is 50 cuyd.

Additional Soil: Any contaminated soil associated with tank or pipelines will be containerized in roll-offs or B-25 boxes, then transported to TA-54 for storage and or disposal.

Personal Protective Equipment (PPE): Removal and decontamination activities are expected to generate no more than 1.5 cuyd of PPE and debris. PPE will consist of nitrile and latex gloves, and Kleanguard coveralls. Other solid waste will consist of plastic sheeting, paper towels, and miscellaneous decontamination materials. After all visible contamination is removed; these materials will be placed in 55 gal drums. Waste will be transported to TA-54 for storage and or disposal.

Characterization Strategy

Description of Strategy:

Sludge: The sludge will be characterized based on analytical results from previous investigations.

Tank: The tank will be characterized based on its association with the sludge (acceptable knowledge).

Outfall Soil: The outfall soil will be characterized based on analytical results from previous investigations and additional sampling after soil has been containerized. Sampling will be done at a rate of approximately 1 sample per 5 cuyd and submitted for full-suite analyses.

Additional Excavated Soil Associated with Tank and Piping: If generated, representative composite sample(s) will be collected (number of samples depends upon volume and heterogeneity) and submitted for full-suite analyses.

Piping: Any removed piping will be characterized based on its association with sludge and additional sampling of any residues found in piping. Samples will be submitted for full-suite analyses.

PPE: PPE will be characterized on its association with each waste stream listed above (acceptable knowledge).

Analytical Strategy (excavated soil)					
Analyte Category	Analytical Method	May be Present (yes o, unknown	Direct Sampling of Containerized Waste	Acceptable Knowledge/ Existing Information	Acceptable Knowledge/ Data from Proposed Site Characterization
Volatile Organic Constituents	Fixed Lab SW-846	no			X

Semivolatile Constituents	Fixed Lab SW-846	yes	X		X
Organic Pesticides		no		X	X
Organic Herbicides		no		X	X
PCBs		yes	X		X
Total Metals	Fixed Lab SW-846	yes			X
Total Cyanide		no		X	X
Other Inorganic Constituents (specify)		no		X	X
High Explosive Constituents		no		X	
Asbestos		no		X	
TPH		yes		X	X
TCLP Metals	Fixed Lab SW-846	yes	X		X
TCLP Organics	Fixed Lab SW-846	yes	X		X
TCLP Pesticides and Herbicides	Fixed Lab SW-846	no		X	X
Gross Alpha	TA-21 Screening Lab	Yes	X		X
Gross Beta	TA-21 Screening Lab	no	X		X
Gross Gamma	TA-21 Screening Lab	yes	X		X
Tritium	TA-21 Screening Lab	yes	X		X
Gamma Spectroscopy		yes	X		X
Isotopic Plutonium		yes	X		X
Total Plutonium		yes	X		X
Isotopic Uranium		yes	X		X
Total Uranium		yes	X		X
Strontium-90		no		X	
Americium-241		no		X	

Preliminary RCRA Determination
Based on available information, indicate the waste and whether it could potentially be any of the wastes as defined in 40 CFR 261. List the F-, D-, K-, P-, or U- category and number.

OutfallSoil - No

Additional Soil - No

PPE and disposable sampling equipment - No

Sludge - No

RCRA Status

____ Non-RCRA: (No 90-Day Storage Requirement)
Describe how waste will be stored/handled:

____ RCRA: (90-Day Storage Requirement)
Waste will be stored/handled in accordance with 20 NMAC Generator Requirements

__X_ TSCA: (30-Day Storage Requirement)

Preliminary Determination for Radioactivity

Based on available information, indicated the amount and type of radiation contamination expected in the waste.

Preliminary Radioactivity Status

_____ Material is not radioactive

___X__ Material is radioactive

Based on analytical results from previous investigations, the sludge, tank, outfall soil, and associated PPE are low-level PCB waste; all containers will be labeled with "RADIOACTIVE" and "PCB" labels. All wastes will be stored in a secured onsite staging area prior to transport to TA-54.

Signatures:

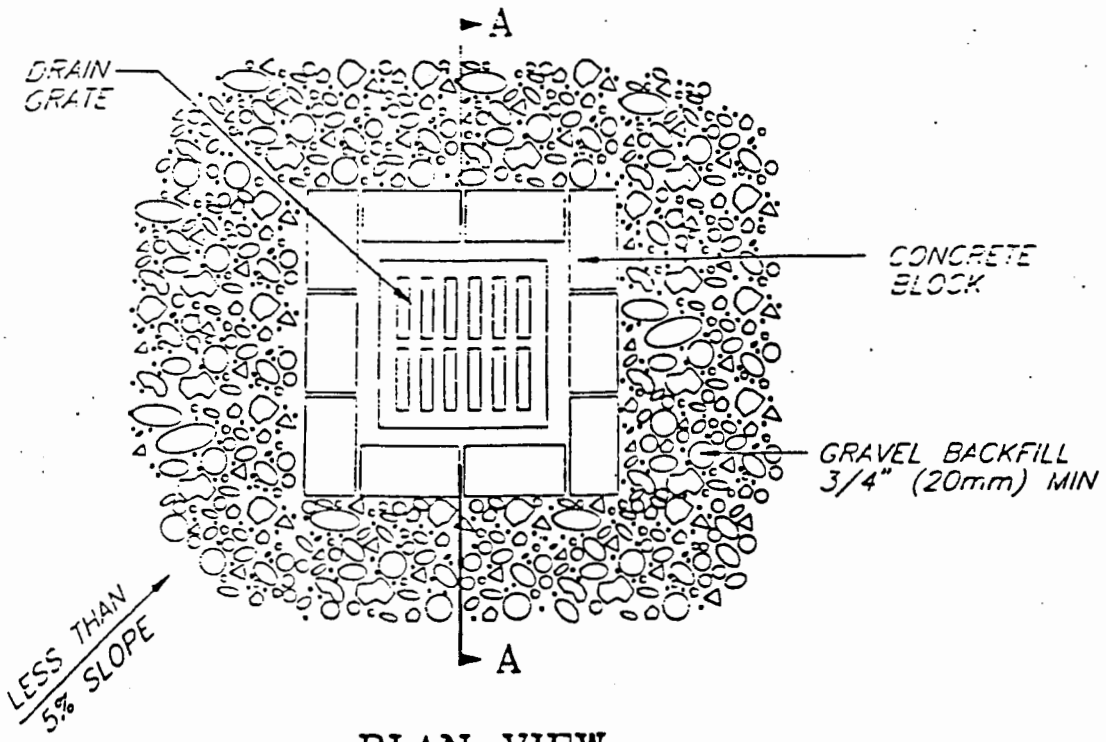
Field Team Leader _____

Field Team Waste Management Coordinator _____

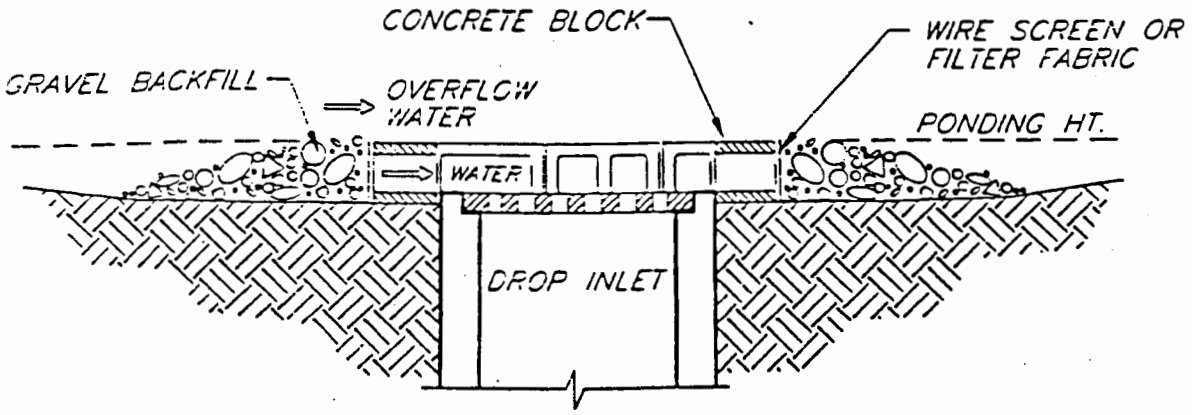
Waste Management Representative _____

Regulatory Compliance _____

BLOCK AND GRAVEL DROP INLET SEDIMENT BARRIER



PLAN VIEW



SECTION A – A

NOTES:

1. DROP INLET SEDIMENT BARRIERS ARE TO BE USED FOR SMALL, NEARLY LEVEL DRAINAGE AREAS. (LESS THAN 5%)
2. EXCAVATE A BASIN OF SUFFICIENT SIZE ADJACENT TO THE DROP INLET.
3. THE TOP OF THE STRUCTURE (PONDING HEIGHT) MUST BE WELL BELOW THE GROUND ELEVATION DOWNSLOPE TO PREVENT RUNOFF FROM BYPASSING THE INLET. A TEMPORARY DIKE MAY BE NECESSARY ON THE DOWNSLOPE SIDE OF THE STRUCTURE.

BERMS

GENERAL DESCRIPTION:

A berm (also referred to as a dike) is a temporary ridge used to divert runoff. Its most common uses include preventing run-on to an exposed or disturbed area, and diverting the sediment-laden runoff from a disturbed area to a sediment trapping control. When used as a temporary control, berms are most often constructed from compacted soil or loose gravel, stone, or crushed rock. Berms may serve as a permanent structural control when constructed from asphalt, concrete, or other similar material. Often times, to facilitate runoff diversion, a small excavated depression is constructed adjacent to the berm. This depression, or small channel, is referred to as a swale. For guidance on the function of a swale, see the section on channels, page 45.

PROS:

- Effective in diverting the runoff from upslope drainages away from unprotected areas
- Efficient method of controlling sediment-laden runoff
- Easy to inspect
- Minimal maintenance costs if installed properly
- If designed properly, may be used as a permanent structure

CONS:

- Cannot be used if the upslope gradient is too great, resulting in high velocity flows
- Earth berms may require vegetative stabilization to prevent erosion of the berm itself
- May be more expensive than other methods if on-site materials cannot be used
- Limited life span if subject to significant vehicular traffic

INSTALLATION GUIDELINES:

- Berms shall be constructed during initial land-disturbing activities and must be operational prior to upslope land disturbance.
- Berms should be constructed in areas with shallow slopes.
- Where applicable, on-site material should be used for berm construction.
- Berms should be adequately compacted to prevent failure.
- When used as a perimeter or downslope control, berms shall divert runoff to a sediment trapping control such as a sediment trap or basin.
- Berms shall be located so as to minimize damage by construction operations and traffic.

Earth Berm

- For areas with little or no construction traffic, earth berms may be constructed.
- For earth berms, temporary or permanent vegetative controls shall be applied upon completion of construction to prevent erosion of the berm itself.

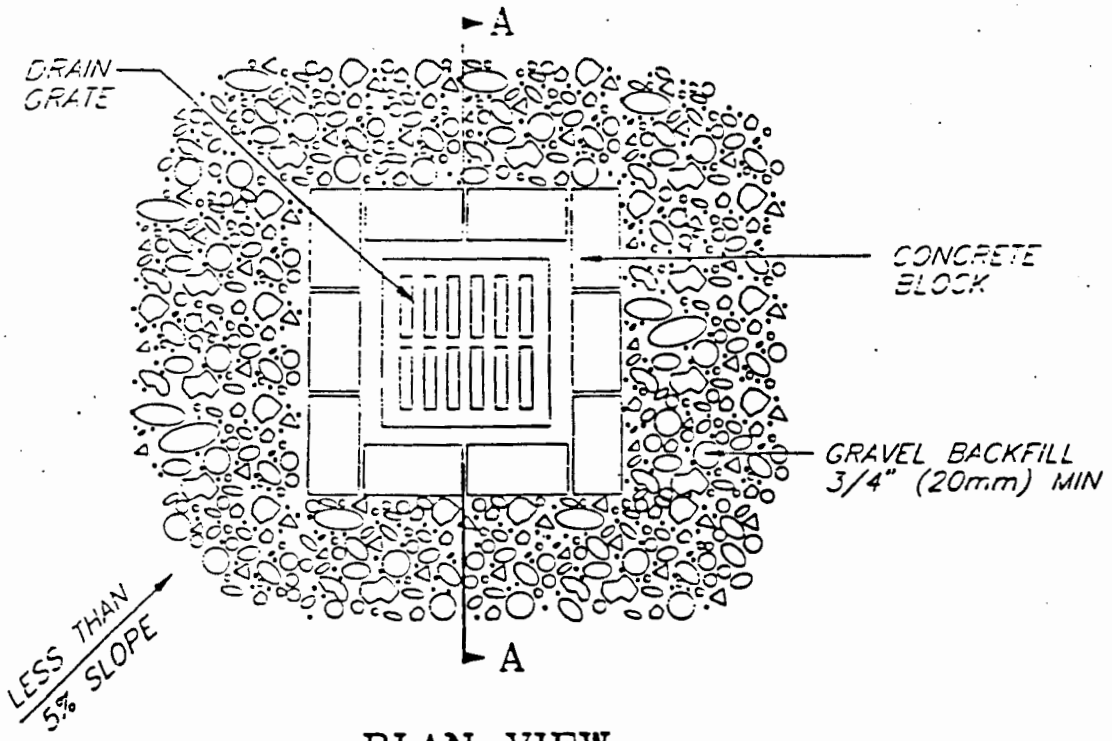
Gravel Berm

- For areas with significant construction traffic, gravel berms should be constructed.
- Well graded gravel or crushed rock shall be used to construct gravel berms.

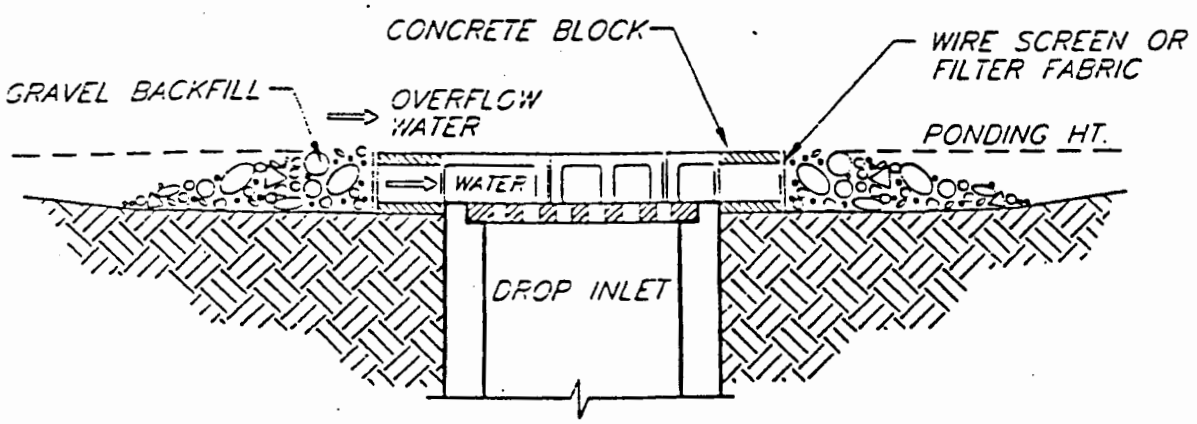
INSPECTION AND MAINTENANCE:

- For active field operations, berms shall be inspected weekly and following each storm event producing greater than 0.5 inches of precipitation.
- When site activity has ceased and significant surface runoff is not likely (arid season), inspections shall be conducted at least every other month and following each storm event producing greater than 0.5 inches of precipitation.

BLOCK AND GRAVEL DROP INLET SEDIMENT BARRIER



PLAN VIEW



SECTION A – A

NOTES:

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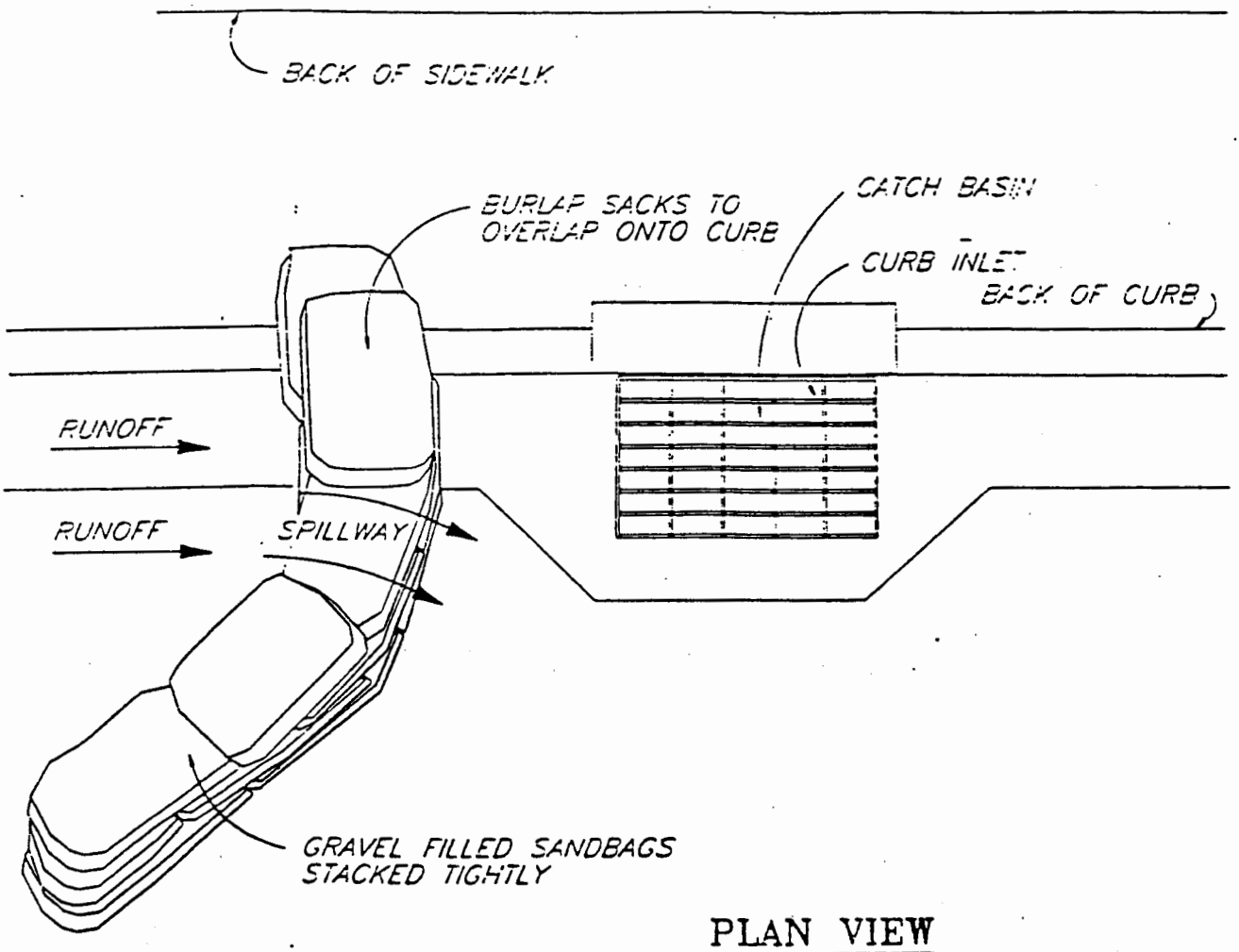
2. EXCAVATE A BASIN OF SUFFICIENT SIZE ADJACENT TO THE DROP INLET.
3. THE TOP OF THE STRUCTURE (PONDING HEIGHT) MUST BE WELL BELOW THE GROUND ELEVATION DOWNSLOPE TO PREVENT RUNOFF FROM BYPASSING THE INLET. A TEMPORARY DIKE MAY BE NECESSARY ON THE DOWNSLOPE SIDE OF THE STRUCTURE.



PLAN VIEW

NOTES:

1. PLACE CURB TYPE SEDIMENT BARRIERS ON GENTLY SLOPING STREET SEGMENTS, WHERE WATER CAN POND AND ALLOW SEDIMENT TO SEPARATE FROM RUNOFF.
2. SANDBAGS OF EITHER BURLAP OR WOVEN 'GEOTEXTILE' FABRIC, ARE FILLED WITH GRAVEL, LAYERED AND PACKED TIGHTLY.
3. LEAVE A ONE SANDBAG GAP IN THE TOP ROW TO PROVIDE A SPILLWAY FOR OVERFLOW.
4. INSPECT BARRIERS AND REMOVE SEDIMENT AFTER EACH STORM EVENT. SEDIMENT AND GRAVEL MUST BE REMOVED FROM THE TRAVELED WAY IMMEDIATELY.

BERMS

GENERAL DESCRIPTION:

A berm (also referred to as a dike) is a temporary ridge used to divert runoff. Its most common uses include preventing run-on to an exposed or disturbed area, and diverting the sediment-laden runoff from a disturbed area to a sediment trapping control. When used as a temporary control, berms are most often constructed from compacted soil or loose gravel, stone, or crushed rock. Berms may serve as a permanent structural control when constructed from asphalt, concrete, or other similar material. Often times, to facilitate runoff diversion, a small excavated depression is constructed adjacent to the berm. This depression, or small channel, is referred to as a swale. For guidance on the function of a swale, see the section on channels, page 45.

PROS:

- Effective in diverting the runoff from upslope drainages away from unprotected areas
- Efficient method of controlling sediment-laden runoff
- Easy to inspect
- Minimal maintenance costs if installed properly
- If designed properly, may be used as a permanent structure

CONS:

- Cannot be used if the upslope gradient is too great, resulting in high velocity flows
- Earth berms may require vegetative stabilization to prevent erosion of the berm itself
- May be more expensive than other methods if on-site materials cannot be used
- Limited life span if subject to significant vehicular traffic

INSTALLATION GUIDELINES:

- Berms shall be constructed during initial land-disturbing activities and must be operational prior to upslope land disturbance.
- Berms should be constructed in areas with shallow slopes.
- Where applicable, on-site material should be used for berm construction.
- Berms should be adequately compacted to prevent failure.
- When used as a perimeter or downslope control, berms shall divert runoff to a sediment trapping control such as a sediment trap or basin.
- Berms shall be located so as to minimize damage by construction operations and traffic.

Earth Berm

- For areas with little or no construction traffic, earth berms may be constructed.
- For earth berms, temporary or permanent vegetative controls shall be applied upon completion of construction to prevent erosion of the berm itself.

Gravel Berm

- For areas with significant construction traffic, gravel berms should be constructed.
- Well graded gravel or crushed rock shall be used to construct gravel berms.

INSPECTION AND MAINTENANCE:

- For active field operations, berms shall be inspected weekly and following each storm event producing greater than 0.5 inches of precipitation.
- When site activity has ceased and significant surface runoff is not likely (arid season), inspections shall be conducted at least every other month and following each storm event producing greater than 0.5 inches of precipitation.

- If an additional inspection frequency is specified within a Storm Water Pollution Prevention (SWPP) Plan, this frequency shall be followed.
- Inspections shall be documented on the BMP Inspection and Maintenance Form.
- Inspectors should identify in particular:
    - Correct installation.
    - Effectiveness in controlling storm water runoff, erosion, and sediment transport.
    - Damage that has occurred since the last inspection. *Most notably*: erosion of the berm from runoff and damage from vehicle traffic.
    - Required maintenance.
    - Sediment accumulations and the need to remove the accumulations.
    - Evidence of erosion or other damage in the surrounding area.
- Berms designed to trap sediment shall, at a minimum, be cleaned out after each significant storm event.
- Damage from vehicle or construction traffic shall be repaired prior to the end of each working day.
- Conduct required repairs immediately and document them in the current or next inspection record.

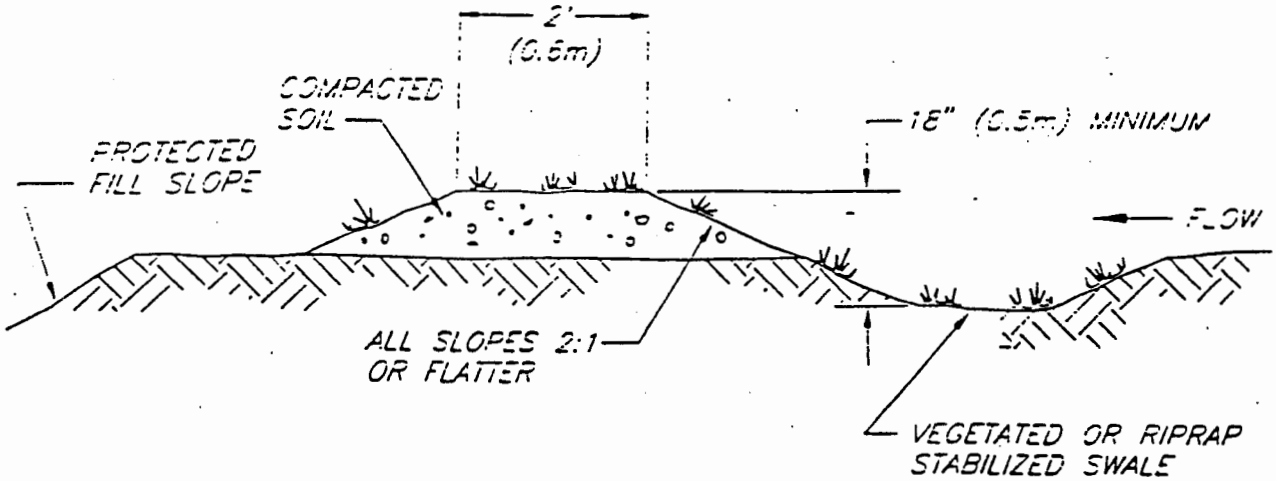
Environmental media (e.g. soil, sediment, surface and ground water) is not considered waste. However, contaminated environmental media may constitute solid waste and/or hazardous waste. If there is any potential for accumulated sediment to be contaminated, a waste determination must be made and documented. For guidance, see the Laboratory's LIRs on Radioactive Waste, Managing Solid Waste, and Hazardous and Mixed Waste Requirements for Generators.

Inspection plans and records shall be maintained by the owner/operator, and made available for future regulatory inspections.

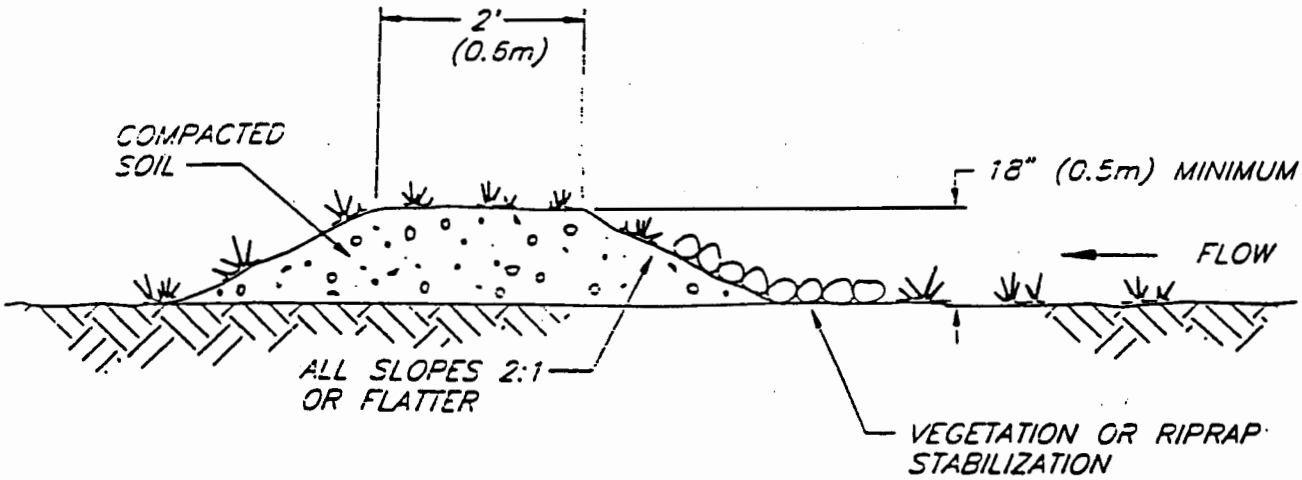
REMOVAL CRITERIA:

- Berms shall not be removed until the disturbed or exposed area has been stabilized with permanent structural or vegetative controls.
- Final vegetative stabilization is defined as 70% of the vegetative cover that would exist under normal site conditions. This determination shall be made by the Water Quality & Hydrology Group (ESH-18).

For assistance with BMP selection, installation, or maintenance, please contact **ESH-18 at 665-4752.**



TYPICAL FILL DIVERSION



TYPICAL TEMPORARY DIVERSION DIKE

NOTES:
1. THE CHANNEL BEHIND THE BERM SHALL HAVE POSITIVE GRADE TO A STABILIZED OUTLET.
2. THE BERM SHALL BE ADEQUATELY COMPACTED TO PREVENT FAILURE.
3. THE BERM SHALL BE STABLILIZED WITH TEMPORARY OR PERMANENT SEEDING OR RIPRAP.

CHECK DAM

GENERAL DESCRIPTION:

A check dams is a small dam constructed across a drainage channel. Its purpose is to control runoff, channel erosion, and sediment transport by reducing runoff velocity, providing stabilized drops, and by trapping sediment. These controls are most commonly used in steeply sloped channels or swales, or in areas where adequate vegetation cannot be established. Check dams are usually built from stone, straw bales, or sand bags, and may be either a temporary or permanent structural control.

PROS:

- Reduces runoff velocity and erosion within channels
- Significantly reduces the sediment volume in the runoff
- Inexpensive and easy to install
- Useful where it is not possible to divert the flow to stabilize the channel
- If designed properly, may be used as a permanent structure

CONS:

- Useful only if the drainage area is less than 5 acres
- Significant sedimentation may destroy vegetation lining the channel
- May not be used in a drainage that is a perennial stream

INSTALLATION GUIDELINES:

- Maximum height of the dam, at center, shall be 2 feet.
- The center of the dam shall be a minimum of 6 inches lower than the outer edges.
- Maximum spacing between check dams shall provide that the toe of the upstream dam is at the same elevation as the top of the downstream dam.
- Construct an energy dissipator on the downstream side of the dam to reduce downstream erosion.

Rock Check Dam

- Rock check dams shall be constructed of 2-15 inch maximum size aggregate rock.
- The center of the dam (spillway) shall be at least 6 inches lower than the outer edges.
- If applicable, extend abutments 18 inches into the channel bank.

Straw Bale Check Dam

- Place straw bales lengthwise, in a single row, perpendicular to the flow. Tightly abut the ends of adjacent bales.
- To ensure that sediment-laden runoff flows over the barrier, the bottoms of the bales on the outer edges of the dam shall be higher in elevation than the top of the middle bale (spillway).
- Straw bales shall be embedded in a trench that has been excavated to a minimum depth of 4 inches.
- Gaps between the bales should be filled with straw, rocks, or filter fabric, and backfill material shall be tamped to prevent erosional displacement.
- If wire bound, straw bales shall be oriented so the bindings are around the sides rather than along the top and bottom.
- Bales shall be anchored in place by two 2x2 inch wooden stakes or by rebar driven through the bales. The anchors shall be driven at least 18 inches into the ground and the first anchor driven into each bale shall be driven toward the previously laid bale to force the bales tightly together.

INSPECTION AND MAINTENANCE:

- For active field operations, check dams shall be inspected weekly and following each storm event producing greater than 0.5 inches of precipitation.
- When site activity has ceased and significant surface runoff is not likely (arid season), inspections shall be conducted at least every other month and following each storm event producing greater than 0.5 inches of precipitation.
- If an additional inspection frequency is specified within a Storm Water Pollution Prevention (SWPP) Plan, this frequency shall be followed.
- Inspections shall be documented on the BMP Inspection and Maintenance Form.
- Inspectors should identify in particular:
    - Correct installation.
    - Effectiveness in controlling storm water runoff and erosion.
    - Damage that has occurred since the last inspection. *Most notably*: erosion caused by flows around or under the dam structure.
    - Required maintenance.
    - Sediment accumulations and the need to remove the accumulations.
    - Evidence of erosion or other damage in the surrounding area.
- Inspect the dam for collapse or undermining.
- Remove accumulated sediment when it has reached one half the original dam height.
- Removed sediment accumulations shall not be placed within any drainage, either above or below the BMP.
- Removed sediment shall be stabilized to prevent future migration from storm water runoff.
- Conduct required repairs immediately and document them in the current or next inspection record.

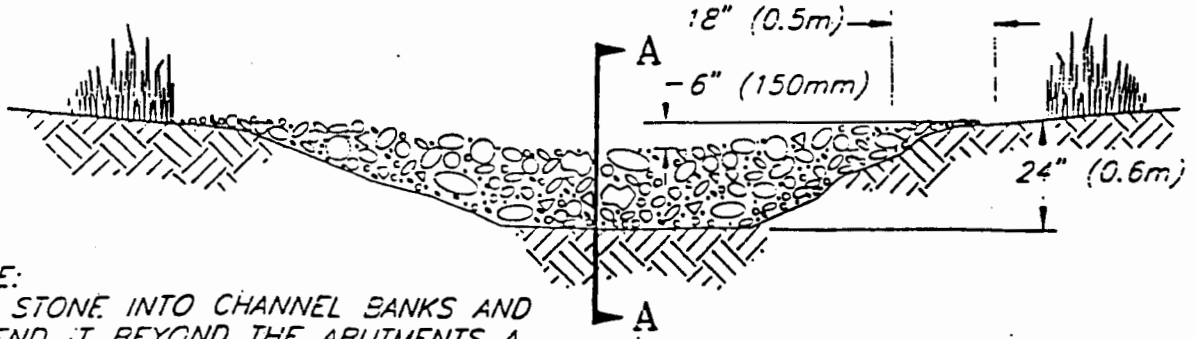
Environmental media (e.g. soil, sediment, surface and ground water) is not considered waste. However, contaminated environmental media may constitute solid waste and/or hazardous waste. If there is any potential for accumulated sediment to be contaminated, a waste determination must be made and documented. For guidance, see the Laboratory's LIRs on Radioactive Waste, Managing Solid Waste, and Hazardous and Mixed Waste Requirements for Generators.

Inspection plans and records shall be maintained by the owner/operator, and made available for future regulatory inspections.

REMOVAL CRITERIA:

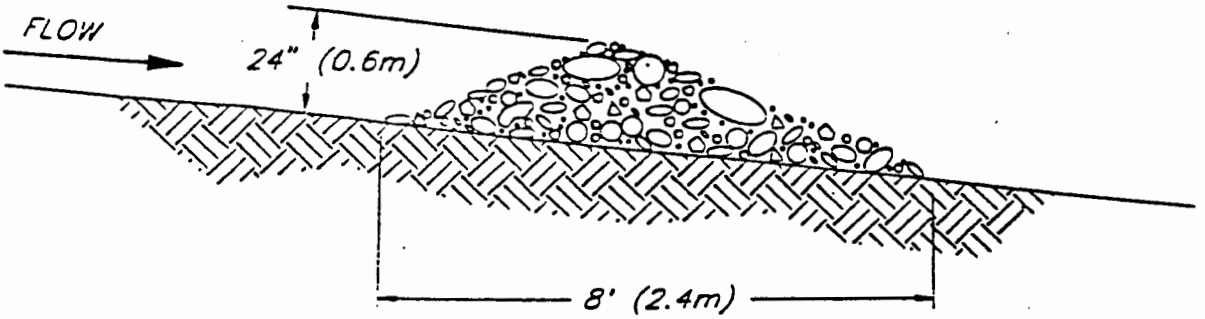
- Check dams shall not be removed until the channel has been stabilized with permanent structural controls.
- If a rock check dam is used, all stone should be removed if vegetative erosion controls will be used as permanent stabilization.

For assistance with BMP selection, installation, or maintenance, please contact ESH-18 at 665-4752.



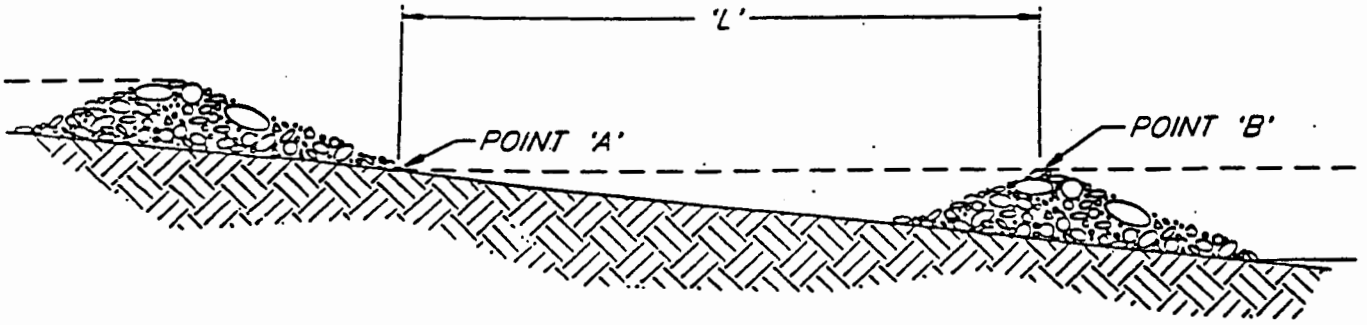
NOTE:
KEY STONE INTO CHANNEL BANKS AND EXTEND IT BEYOND THE ABUTMENTS A MINIMUM OF 18" (0.5m) TO PREVENT FLOW AROUND DAM.

VIEW LOOKING UPSTREAM



SECTION A – A

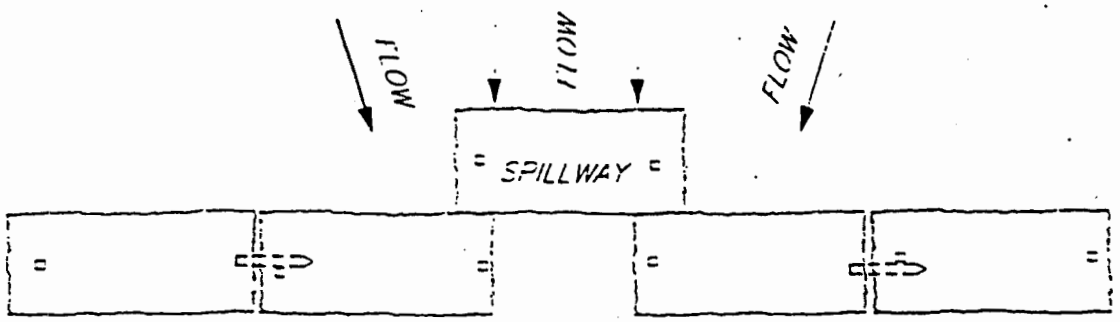
'L' = THE DISTANCE SUCH THAT POINTS 'A' AND 'B' ARE OF EQUAL ELEVATION.



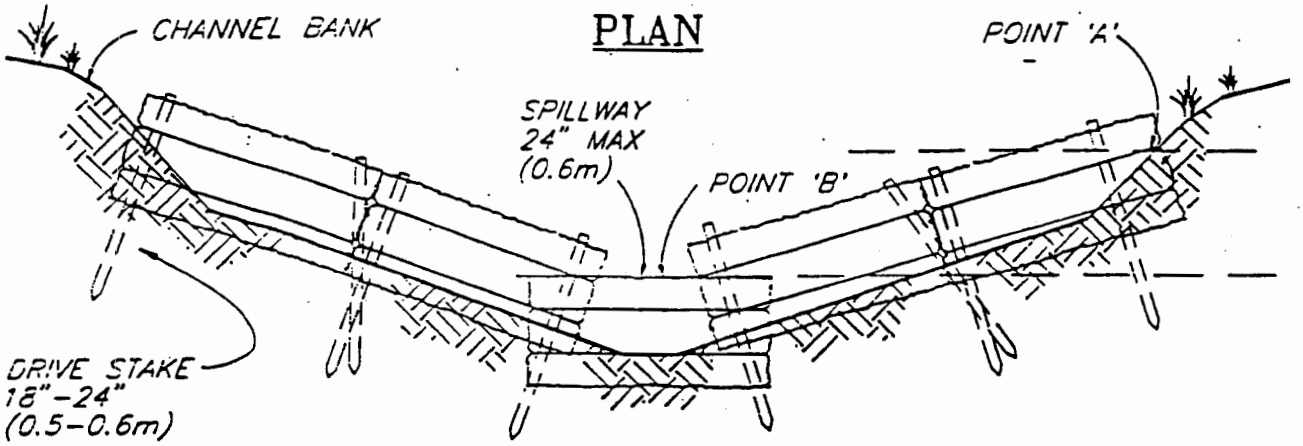
SPACING BETWEEN CHECK DAMS

NOT TO SCALE

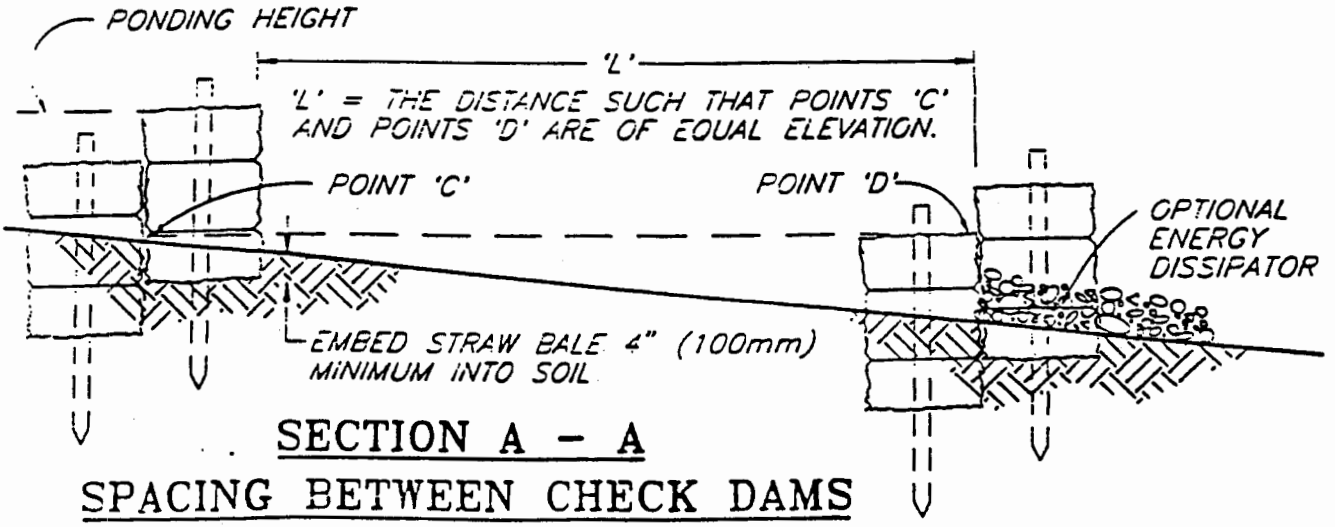
STRAW BALE CHECK DAM



PLAN



VIEW LOOKING UPSTREAM



SECTION A - A

SPACING BETWEEN CHECK DAMS

NOTES:

1. EMBED BALES 4" (100mm) INTO THE SOIL AND 'KEY' BALES INTO THE CHANNEL BANKS.
2. POINT 'A' MUST BE HIGHER THAN POINT 'B'. (SPILLWAY HEIGHT)
3. PLACE BALES PERPENDICULAR TO THE FLOW WITH ENDS TIGHTLY ABUTTING.
4. SPILLWAY HEIGHT SHALL NOT EXCEED 24" (0.6m).
5. INSPECT AFTER EACH SIGNIFICANT STORM, MAINTAIN AND REPAIR PROMPTLY.

NOT TO SCALE

WATERBAR

GENERAL DESCRIPTION:

A waterbar consists of a berm and excavation that is constructed diagonally across a sloping dirt or gravel road, or utility right-of-way. The purpose of a waterbar is to control erosion on roadways by reducing runoff velocity and by limiting the volume of accumulated water through diversion. At predesigned intervals, [illegible] is diverted off the roadway onto designated outlet areas.

PROS:

- Reduces runoff and erosion on sloping roadways
- Easy to install
- Requires minimal maintenance
- Easy to inspect

CONS:

- Become less effective when subject to vehicle traffic during wet weather
- May be difficult to cross with low clearance vehicles
- Consideration must be given to each individual outlet area
- Structures should not outlet onto unprotected slopes

INSTALLATION GUIDELINES:

- Waterbars should be constructed immediately upon completion of roadway or right-of-way clearing and grading.
- As measured from the bottom of the excavation to the top of the berm, waterbar height should be a minimum of 18 inches.
- Side slopes should be 2:1 or flatter, and 3:1 or flatter where vehicles cross.
- The diversion shall be constructed at an angle of 45 to 60 degrees from the centerline.
- Diversion should have a minimum positive grade of 2%.
- For areas of significant vehicular traffic, waterbars should be stabilized with gravel.
- Diversions shall outlet onto areas stabilized by either natural or constructed means.
- To approximate the appropriate spacing distance between waterbars, determine the distance it takes for the unrocked, unprotected running surface of a nearby road to develop a 1 inch rill.

INSPECTION AND MAINTENANCE:

- For active field operations, waterbars shall be inspected weekly and following each storm event producing greater than 0.5 inches of precipitation.
- When site activity has ceased and significant surface runoff is not likely (arid season), inspections shall be conducted at least every other month and following each storm event producing greater than 0.5 inches of precipitation.
- If an additional inspection frequency is specified within a Storm Water Pollution Prevention (SWPP) Plan, this frequency shall be followed.
- Inspections shall be documented on the BMP Inspection and Maintenance Form.
- Inspectors should identify in particular:
  - Correct installation.
  - Effectiveness in controlling storm water runoff and erosion.
  - Damage that has occurred since the last inspection.
  - Required maintenance.

    - Sediment accumulations and the need to remove the accumulations.
    - Evidence of erosion or other damage in the surrounding area.
- Inspect the diversion outlet area for erosion or other damage.
- Inspect the berm and excavation area for damage.
- Conduct required repairs immediately and document them in the current or next inspection record.

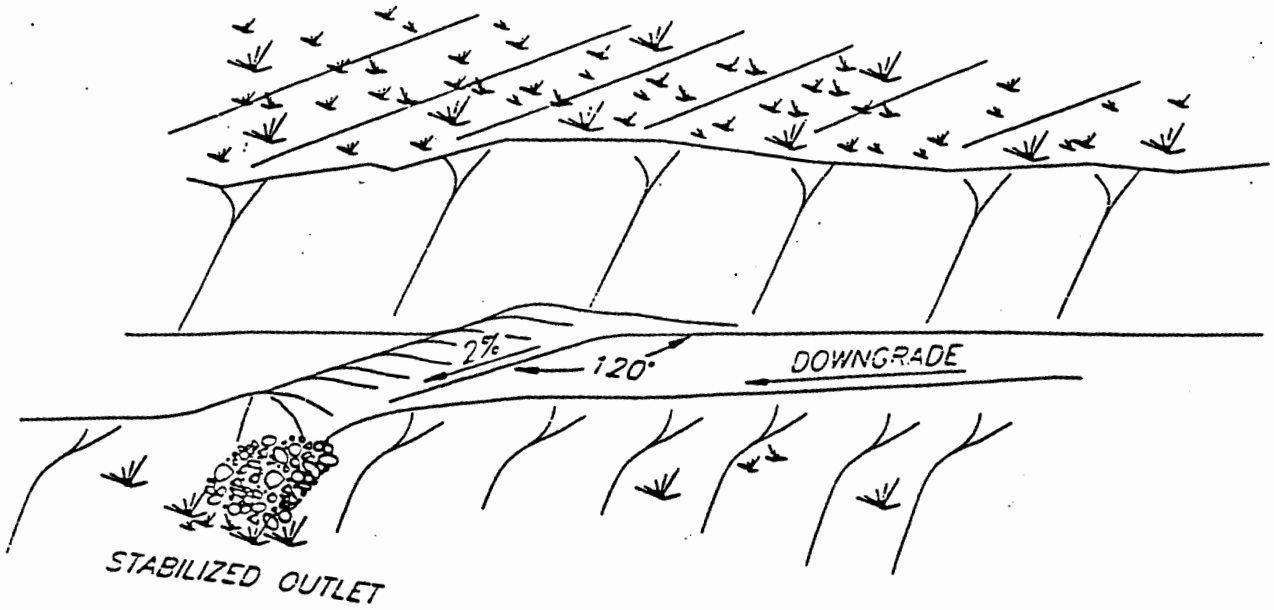
Environmental media (e.g. soil, sediment, surface and ground water) is not considered waste. However, contaminated environmental media may constitute solid waste and/or hazardous waste. If there is any potential for accumulated sediment to be contaminated, a waste determination must be made and documented. For guidance, see the Laboratory's LIRs on Radioactive Waste, Managing Solid Waste, and Hazardous and Mixed Waste Requirements for Generators.

Inspection plans and records shall be maintained by the owner/operator, and made available for future regulatory inspections.

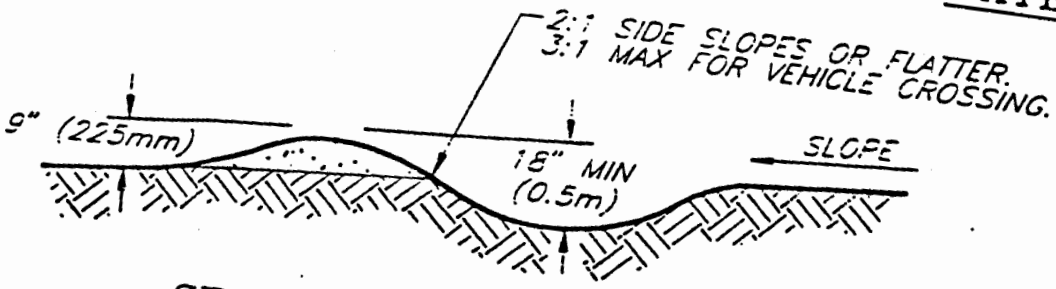
REMOVAL CRITERIA:

- Waterbars shall not be removed until the slope has been stabilized with permanent structural controls.

For assistance with BMP selection, installation, or maintenance, please contact ESH-18 at 665-4752.



WATERBAR



SECTION

SURFACE ROUGHENING

GENERAL DESCRIPTION:

Surface roughening involves creating, in a bare soil surface, horizontal grooves, depressions, or steps that run parallel to the contour of the land. Roughening methods include grooving or furrowing, stair step grading, and tracking with heavy equipment. These temporary features control erosion by reducing runoff velocity, increasing infiltration, trapping sediment, and aiding in the establishment of vegetative cover, and may be used on all slopes. For steeper slopes, surface roughening should be used in combination with vegetative practices.

PROS:

- Provides immediate erosion protection while vegetative cover is being established
- Easy to construct
- Inexpensive
- Requires minimal maintenance
- Easy to inspect

CONS:

- Limited effectiveness during large storm events
- Temporary control which may have to be reestablished due to storm damage
- Difficult to establish on smooth, hard surfaces

INSTALLATION GUIDELINES:

Cut Slope Roughening

- For slopes steeper than 3:1 but less than 2:1, use stair-step grading or groove cuts.
- For slopes steeper than 2:1, use stair-step grading.
- Use stair-step grading on soils containing large amounts of small rock or any erodible material soft enough to be ripped with a bulldozer.
- Construct stairs wide enough to work with standard earth moving equipment.
- Vertical cuts shall be no more than 2 feet deep in soft materials or no more than 3 feet deep in rocky materials.
- When constructing groove cuts, create a series of ridges and depressions that run across the slope, parallel to the contour.
- Grooves may be constructed using any implement that can be safely operated on the slope.
- Seed roughened areas as quickly as possible.

Fill Slope Roughening

- Slopes with a gradient steeper than 3:1 should be placed in lifts not to exceed 8 inches. Ensure that each lift is properly compacted.
- Slopes with a gradient steeper than 2:1 should be stair-stepped.
- The face of the slope should consists of loose, uncompacted fill 4-6 inches deep.
- Groove the slope in the same manner described in Cut Slope Roughening.
- Seed roughened areas as quickly as possible.
- Do not blade or scrape the final slope face.

Roughening With Tracked Machinery

- Use of tracked machinery should be limited to sandy soils that do not compact easily.
- Avoid tracking on clay soils.
- Operate tracked machinery perpendicular to the contours to leave horizontal depressions in the soil.
- Seed roughened areas as quickly as possible.

INSPECTION AND MAINTENANCE:

- For active field operations, surface roughening shall be inspected weekly and following each storm event producing greater than 0.5 inches of precipitation.
- When site activity has ceased and significant surface runoff is not likely (arid season), inspections shall be conducted at least every other month and following each storm event producing greater than 0.5 inches of precipitation.
- If an additional inspection frequency is specified within a Storm Water Pollution Prevention (SWPP) Plan, this frequency shall be followed.
- Inspections shall be documented on the BMP Inspection and Maintenance Form.
- Inspectors should identify in particular:
  - Correct installation.
  - Effectiveness in controlling storm water runoff, erosion, and sediment transport.
  - Damage that has occurred since the last inspection. *Most notably*: rills, washes, and damage to vegetation.
  - Required maintenance.
  - Sediment accumulations and the need to remove the accumulations.
  - Evidence of erosion or other damage in the surrounding area.
- Reseed and conduct required repairs immediately and document the actions in the current or next inspection record.

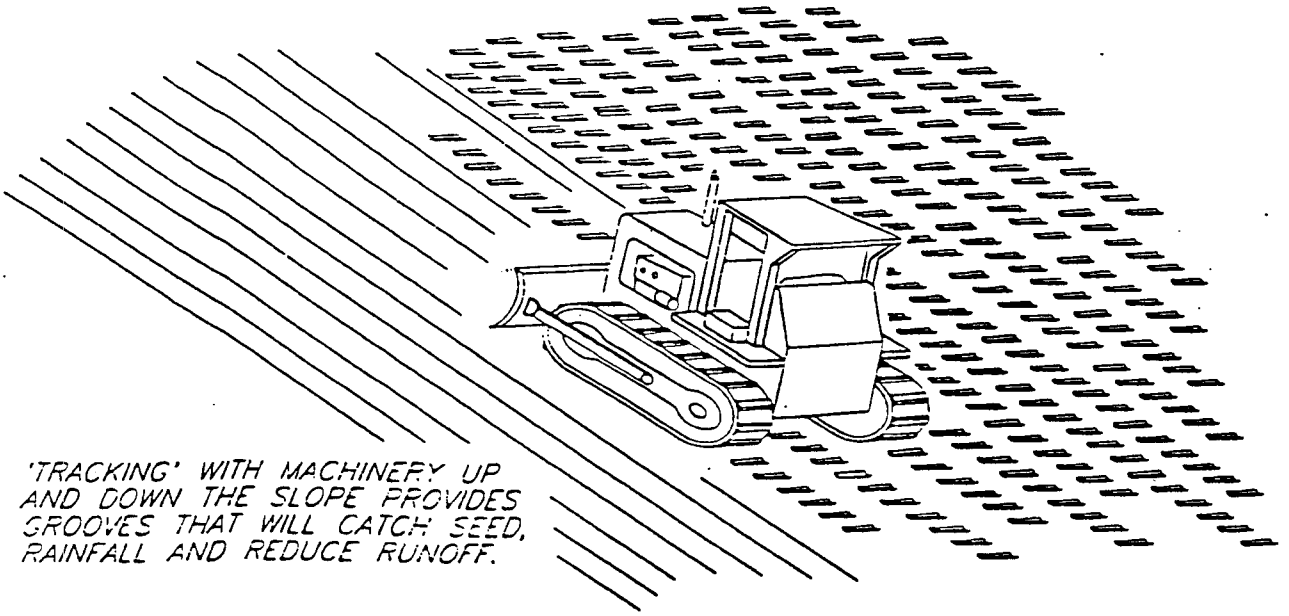
Environmental media (e.g. soil, sediment, surface and ground water) is not considered waste. However, contaminated environmental media may constitute solid waste and/or hazardous waste. If there is any potential for accumulated sediment to be contaminated, a waste determination must be made and documented. For guidance, see the Laboratory's LIRs on Radioactive Waste, Managing Solid Waste, and Hazardous and Mixed Waste Requirements for Generators.

Inspection plans and records shall be maintained by the owner/operator, and made available for future regulatory inspections.

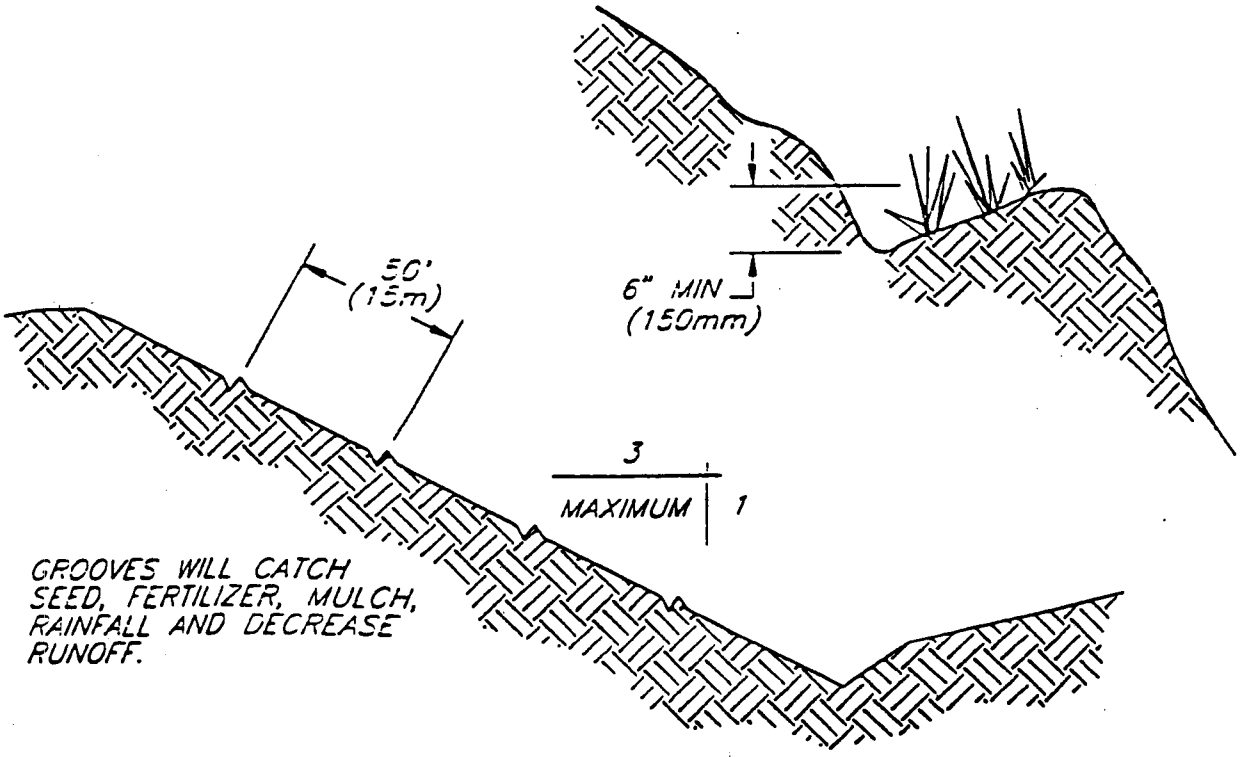
REMOVAL CRITERIA:

- Inspection and maintenance of surface roughening shall not cease until the slope has been permanently stabilized with structural controls or vegetation.
- Final vegetative stabilization is defined as 70% of the vegetative cover that would exist under normal site conditions. This determination shall be made by the Water Quality & Hydrology Group (ESH-18).

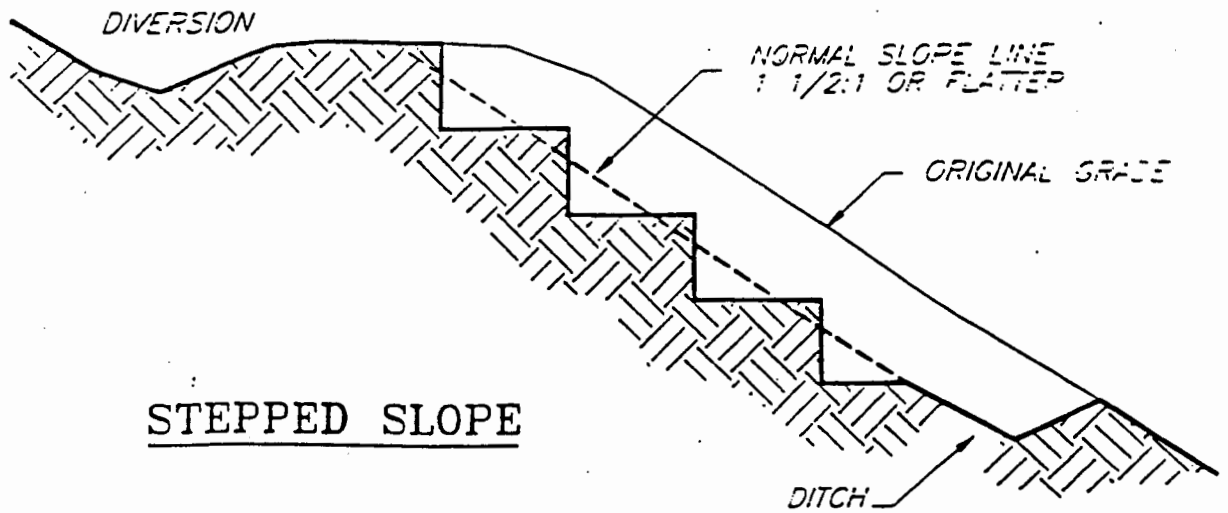
For assistance with BMP selection, installation, or maintenance, please contact ESH-18 at 665-4752.



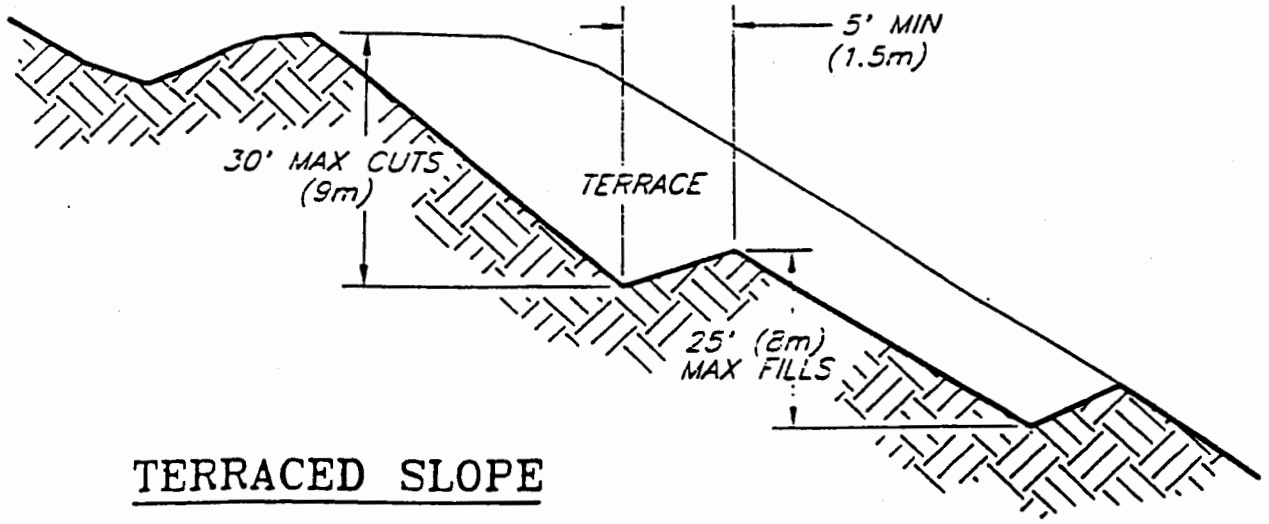
TRACKING



CONTOUR FURROWS



STEPPED SLOPE



TERRACED SLOPE

NOT TO SCALE

NOTES:
1. VERTICAL CUT DISTANCE SHALL BE LESS THAN HORIZONTAL DISTANCE.
2. VERTICAL CUT SHALL NOT EXCEED 2 FT. (0.6m) IN SOFT MATERIAL AND 3 FT. (0.9m) IN ROCKY MATERIAL.

PIPE SLOPE DRAIN

GENERAL DESCRIPTION:

Pipe slope drains are designed to carry concentrated runoff down a slope without causing erosion. They are used most often on cut or fill slopes, areas already damaged by erosion or at high risk for erosion, areas in the process of permanent stabilization, or on saturated slopes at risk for soil slides. This BMP may be constructed with flexible or rigid pipe, sectional downdrains, paved chutes, or clay tiles and may be placed either above or beneath the ground surface.

PROS:

- Reduce or eliminate erosion on steep slopes or in saturated soils
- Especially effective before a slope has been stabilized or before permanent drainage structures are ready for use
- Easy to install
- Requires little maintenance
- Easy to inspect

CONS:

- Requires the area disturbed by installation to be stabilized
- Conduit may clog during a large storm
- Overtopping may occur if pipe inlet capacity is inadequate
- BMP must be sized, installed, and maintained properly or severe erosion of the slope may occur
- Requires formal design

INSTALLATION GUIDELINES:

- Maximum recommended drainage area for a single slope drain is approximately 10 acres.
- Pipe should be sized using the peak runoff from a 10-year storm.
- Place conduit material on undisturbed soil or well-compacted fill. Placement should conform to the locations and elevations shown on the design drawings.
- At intervals not to exceed 10 feet, anchor the conduit with reinforced, hold-down grommets or stakes. For CMP or corrugated plastic, install one anchor for every 20 feet of conduit.
- The pipe slope drain entrance shall be constructed with a standard flared-inlet section of pipe. Ensure that inlet capacity is adequate for the design flow.
- To prevent failure of the slope drain from water saturating the soil and seeping along the pipe, backfill around and under the pipe with stable soil material, hand compacting in 6 inch lifts.
- Fill material over the slope drain, at the top of the slope, shall have a minimum depth of 1.5 feet and a minimum top width of 4 feet. Corresponding side slopes should have a 3:1 slope.
- Ensure that all conduit fittings are watertight.
- Extend conduit beyond the toe of the slope.
- Stabilize the soil at the outlet with riprap or another type of energy dissipator.
- Stabilize all areas disturbed by installation.

INSPECTION AND MAINTENANCE:

- For active field operations, pipe slope drains shall be inspected weekly and following each storm event producing greater than 0.5 inches of precipitation.

- When site activity has ceased and significant surface runoff is not likely (arid season), inspections shall be conducted at least every other month and following each storm event producing greater than 0.5 inches of precipitation.
- If an additional inspection frequency is specified within a Storm Water Pollution Prevention (SWPP) Plan, this frequency shall be followed.
- Inspections shall be documented on the BMP Inspection and Maintenance Form.
- Inspectors should identify in particular:
  - Correct installation
  - Effectiveness in controlling storm water runoff.
  - Damage that has occurred since the last inspection.
    Most notably: storm water flowing around the conduit entrance, and/or undermining the structure.
  - Required maintenance
  - Sediment accumulations and the need to remove the accumulations.
  - Evidence of erosion or other damage in the surrounding area.
- Accumulated sediment shall be removed when impedes proper conveyance.
- Inspect the outlet point for erosion or other damage.
- Inspect the conduit for breaks or clogs.
- Conducted required repairs immediately and document them in the current or next inspection record.

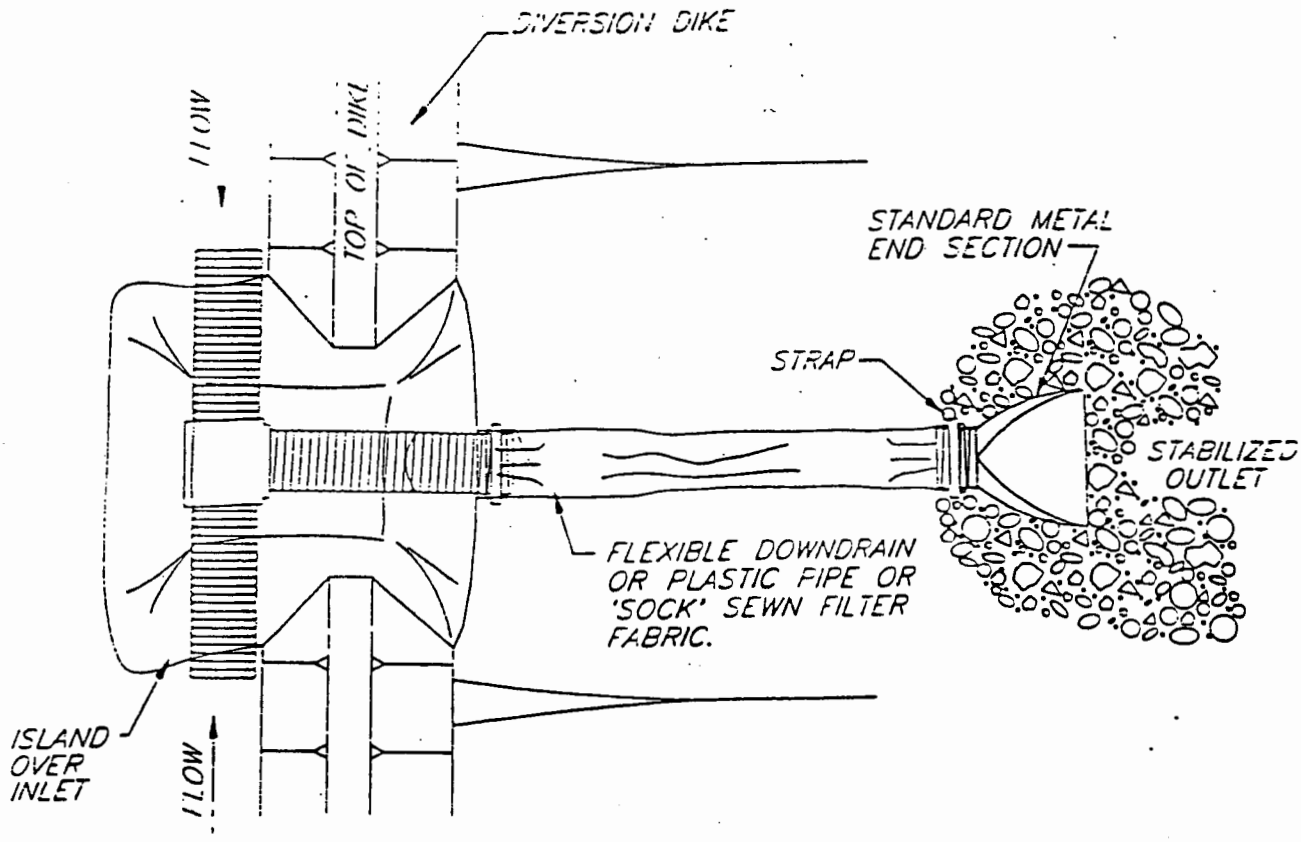
Environmental media (e.g. soil, sediment, surface and ground water) is not considered waste. However, contaminated environmental media may constitute solid waste and/or hazardous waste. If there is any potential for accumulated sediment to be contaminated, a waste determination must be made and documented. For guidance, see the Laboratory's LIRs on Radioactive Waste, Managing Solid Waste, and Hazardous and Mixed Waste Requirements for Generators.

Inspection plans and records shall be maintained by the owner/operator, and made available for future regulatory inspections.

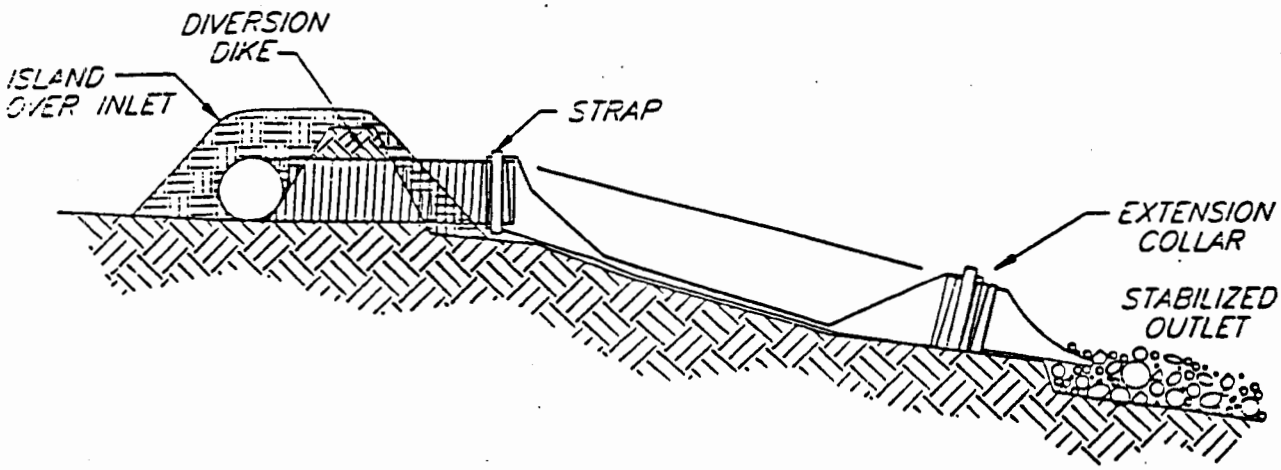
REMOVAL CRITERIA:

- Pipe slope drains shall not be removed until the slope has been permanently stabilized with structural controls or vegetation, or permanent drainage structures are ready for use.
- Final vegetative stabilization is defined as 70% of the vegetative cover that would exist under normal site conditions. This determination shall be made by the Water Quality & Hydrology Group (ESH-18).

For assistance with BMP selection, installation, or maintenance, please contact ESH-18 at 665-4752.



PLAN VIEW



SECTION

LEVEL SPREADER

GENERAL DESCRIPTION:

A level spreader is an outlet for dikes and diversions consisting of an excavated depression constructed at zero grade across a slope. The level spreader converts concentrated runoff to sheet flow and releases it onto areas stabilized by existing vegetation. Level spreaders are typically placed at the end of dikes that carry sediment free storm runoff away from graded areas and outlet onto undisturbed areas.

PROS:

- Reduces runoff velocity and increases infiltration rates
- Minimal cost to construct
- Easy to inspect

CONS:

- To ensure proper operation, installation requires strict adherence to the design
- Requires regular maintenance and inspection
- Not suitable for large volumes of water
- Should be used on gentle slopes to prevent erosion from spreader discharge
- Can easily develop "short circuiting" because of erosion or other disturbance

INSTALLATION GUIDELINES:

- Level spreaders must be constructed on undisturbed soil (not fill material).
- The slope on the sides of the spreader should be 2:1 or less.
- Excavate the spreader to minimum depth of 6 inches.
- The entrance to the spreader should be level so that the flow can spread out evenly.
- The grade through the spreader channel should be 0%.
- Prior to operation, the depression shall be vegetated. (See the sections on temporary and permanent seeding, pages 58 and 60.)
- The level lip should be of uniform height and zero grade over the length of the spreader.
- Runoff with high sediment loads should be routed through a sediment retention device prior to entrance into the level spreader.
- Stabilize all areas disturbed by spreader installation.

INSPECTION AND MAINTENANCE:

- For active field operations, level spreaders shall be inspected weekly and following each storm event producing greater than 0.5 inches of precipitation.
- When site activity has ceased and significant surface runoff is not likely (arid season), inspections shall be conducted at least every other month and following each storm event producing greater than 0.5 inches of precipitation.
- If an additional inspection frequency is specified within a Storm Water Pollution Prevention (SWPP) Plan, this frequency shall be followed.
- Inspections shall be documented on the BMP Inspection and Maintenance Form.
- Inspectors should identify in particular:
    - Correct installation
    - Effectiveness in controlling storm water runoff and erosion.
    - Damage that has occurred since the last inspection. *Most notably*: absence of uniform flow at the spreader outlet and erosion on the slope below the spreader.

    - Required maintenance
    - Sediment accumulations and the need to remove the accumulations.
    - Evidence of erosion or other damage in the surrounding area.
- Inspect the outlet point for erosion or other damage.
- Inspect the spreader depression for adequate and uniform vegetation.
- Removed sediment accumulations shall not be placed within any drainage, either above or below the BMP.
- Removed sediment shall be stabilized to prevent future migration from storm water runoff.
- Conducted required repairs immediately and document them in the current or next inspection record.

Environmental media (e.g. soil, sediment, surface and ground water) is not considered waste. However, contaminated environmental media may constitute solid waste and/or hazardous waste. If there is any potential for accumulated sediment to be contaminated, a waste determination must be made and documented. For guidance, see the Laboratory's LIRs on Radioactive Waste, Managing Solid Waste, and Hazardous and Mixed Waste Requirements for Generators.

Inspection plans and records shall be maintained by the owner/operator, and made available for future regulatory inspections.

REMOVAL CRITERIA:

- Level spreaders shall not be removed unless the storm water outlet is no longer in use, or until the area being protected by the berm or storm water conveyance has been permanently stabilized with structural controls or vegetation.
- Final vegetative stabilization is defined as 70% of the vegetative cover that would exist under normal site conditions. This determination shall be made by the Water Quality & Hydrology Group (ESH-18).

For assistance with BMP selection, installation, or maintenance, please contact ESH-18 at 665-4752.

PROFILE

TYPICAL SECTION

CHANNELS

GENERAL DESCRIPTION:

Channels are defined as natural or constructed waterways designed to collect and convey concentrated flows of storm water runoff. In conveying concentrated flows, channels both minimize erosion and keep runoff from coming in contact with potential pollutants. Channels are typically v-shaped, parabolic, or trapezoidal in shape, and may be lined with vegetation, rock, asphalt, or concrete. A small parabolic or v-shaped channel may also be referred to as a swale. Swales are most commonly used in conjunction with berms.

PROS:

- Ability to direct flows away from construction or industrial activities
- Requires little maintenance
- Provides a long-term storm water control

CONS:

- Cost may not be economical for small facilities or sites
- May increase flow rates
- Conveyed concentrated flows require stabilized structures all the way to the discharge point
- Requires formal design

INSTALLATION GUIDELINES:

- Channel excavation shall conform to the locations and elevations shown on the design drawings.
- Channel material should be place as the foundation is prepared.
- When constructing rock lined channels, rock shall be placed to form a uniform mass with few voids.
- When constructing vegetation lined channels, use matting (see section on matting, page 54) to establish the lining.
- Channel material shall be based upon flow volumes, channel slope, and soil conditions.
- V-shaped channels should be constructed when flow volumes are relatively small.
- Trapezoidal or parabolic channels should be constructed for large volume flows.
- Channel outlets shall be stabilized with an energy dissipator, and where applicable, sediment trapping controls.
- Stabilize all areas disturbed by channel construction.

INSPECTION AND MAINTENANCE:

- For active field operations, channels shall be inspected weekly and following each storm event producing greater than 0.5 inches of precipitation.
- When site activity has ceased and significant surface runoff is not likely (arid season), inspections shall be conducted at least every other month and following each storm event producing greater than 0.5 inches of precipitation.
- If an additional inspection frequency is specified within a Storm Water Pollution Prevention (SWPP) Plan, this frequency shall be followed.
- Inspections shall be documented on the BMP Inspection and Maintenance Form.
- Inspectors should identify in particular:
    - Correct installation
    - Effectiveness in controlling storm water runoff.
    - Damage that has occurred since the last inspection. *Most notably*: scour, vegetation loss, erosion, and rock displacement.

- Required maintenance
- Sediment accumulations and the need to remove the accumulations.
- Evidence of erosion or other damage in the surrounding area.

- Inspect the outlet point for erosion or other damage.
- Inspect the channel for scour, bank stability, and debris build-up.
- Remove debris and sediment accumulations as necessary.
- Removed sediment accumulations shall not be placed within any drainage, either above or below the BMP.
- Removed sediment shall be stabilized to prevent future migration from storm water runoff.
- Conduct required repairs immediately and document them in the current or next inspection record.

Environmental media (e.g. soil, sediment, surface and ground water) is not considered waste. However, contaminated environmental media may constitute solid waste and/or hazardous waste. If there is any potential for accumulated sediment to be contaminated, a waste determination must be made and documented. For guidance, see the Laboratory's LIRs on Radioactive Waste, Managing Solid Waste, and Hazardous and Mixed Waste Requirements for Generators.

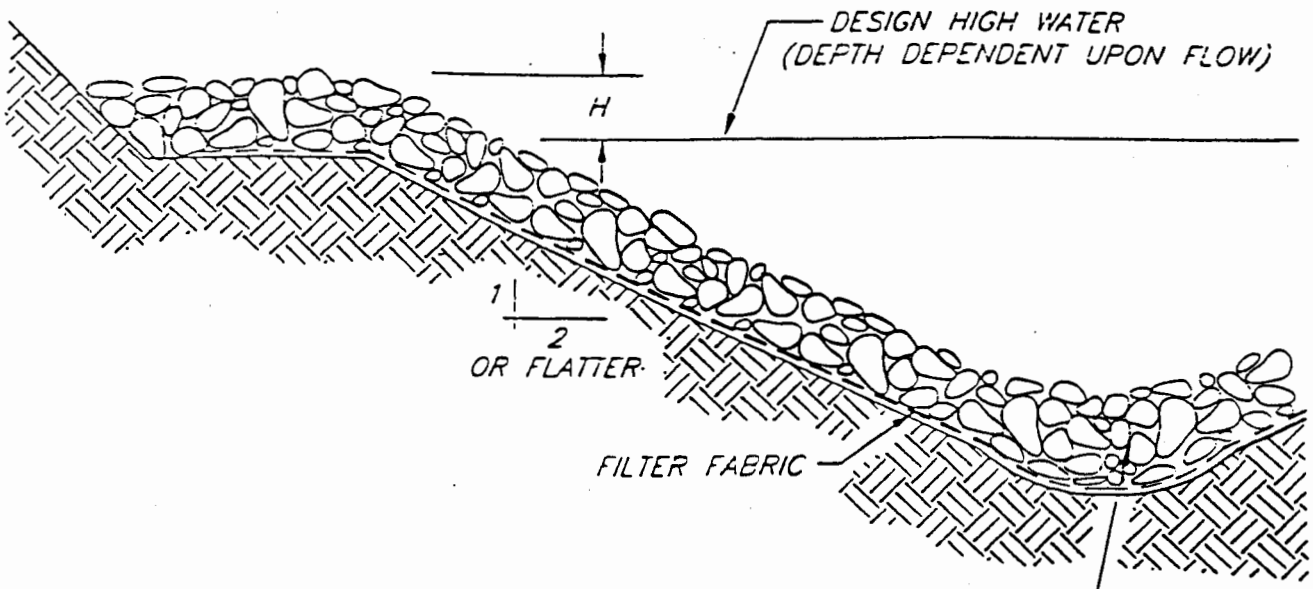
Inspection plans and records shall be maintained by the owner/operator, and made available for future regulatory inspections.

REMOVAL CRITERIA:

- If functioning as a temporary control, channels shall not be removed until the area of concern has been permanently stabilized with structural controls or vegetation.
- Final vegetative stabilization is defined as 70% of the vegetative cover that would exist under normal site conditions. This determination shall be made by the Water Quality & Hydrology Group (ESH-18).

For assistance with BMP selection, installation, or maintenance, please contact ESH-18 at 665-4752.

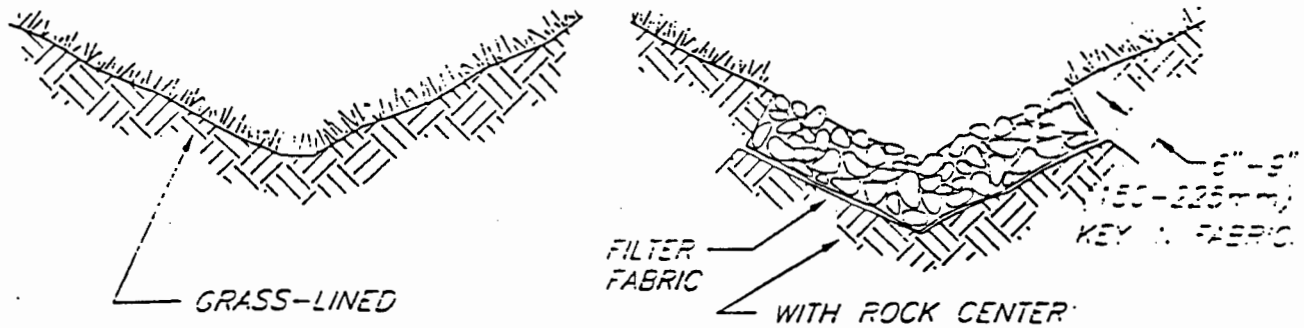
DESIGN HEIGHT (H), WIDTH AND STONE SIZE SHALL BE DETERMINED BY THE ENGINEER.



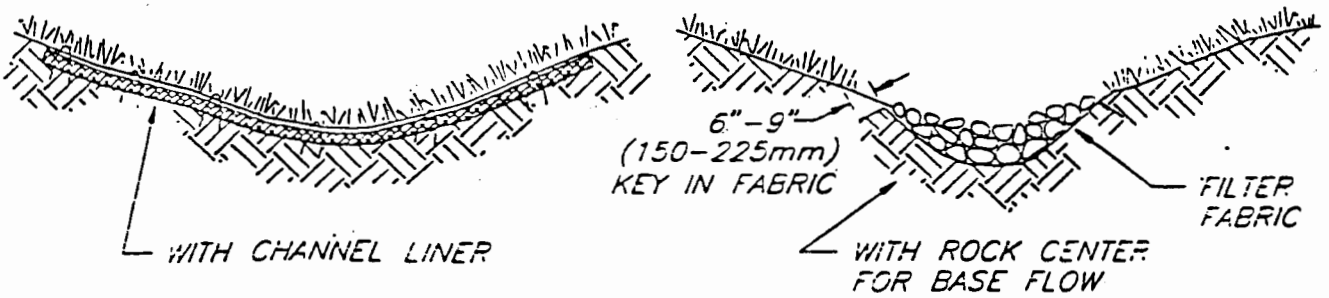
MINIMUM 6" (150mm) THICK LAYER OF 2" (50mm) MINIMUM DIAMETER DRAIN ROCK. LARGER STONE SHALL BE USED DEPENDENT UPON GRADIENT, SOIL TYPE, AND DESIGN FLOW.

TYPICAL SECTION

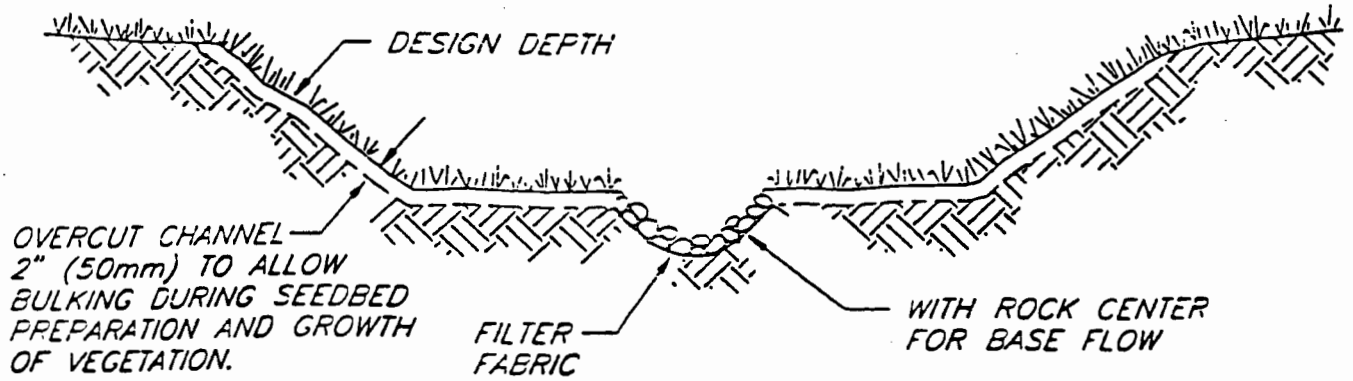
TYPICAL CROSS SECTIONS



TYPICAL V-SHAPED CHANNEL
CROSS-SECTION



TYPICAL PARABOLIC CHANNEL
CROSS-SECTION



CROSS-SECTION

VEGETATIVE BUFFER ZONE

GENERAL DESCRIPTION:

Vegetative buffer zones are vegetated sections of land used to manage storm water runoff. Buffer zones increase infiltration rates and reduce runoff velocity, sediment transport, and runoff on slopes. These areas are particularly effective at the top or bottom of slopes, or adjacent to disturbed or paved areas, wetlands, and watercourses. Buffer zones may be either vegetated areas left undisturbed during construction or newly planted areas.

PROS:

- Inexpensive when using existing vegetation
- Once established, requires minimal maintenance
- Aesthetic control
- Can be used at any site that supports vegetation
- Increases infiltration rate, filters sediment, and reduces runoff velocity

CONS:

- Requires areas that won't limit site activity or the movement of equipment
- Buffer zone is ineffective until vegetation is established
- Area will require additional controls while vegetation is being established

INSTALLATION GUIDELINES:

Existing Vegetation

- Existing vegetation shall be protected such as excavation and damage from equipment or vehicle traffic.
- Maintain or improve the quality of existing vegetation through routine maintenance activity.
- As applicable, maintenance activities should include irrigating, mowing, pruning, fertilizing, and weed and pest control.

Establishing Vegetation

- Native vegetation appropriate to the season and site conditions shall be used.
- See Section 222.7 of the LANL Architectural Standards Manual, Volume 4, for guidance on applicable seed mixes.
- Storm water diversion and conveyance controls shall be installed to divert concentrated flows away from seeded areas.
- Ensure that seeded areas are protected against disturbances until vegetation is established.

INSPECTION AND MAINTENANCE:

- For active field operations. vegetative buffer zones shall be inspected weekly and following each storm event producing greater than 0.5 inches of precipitation.
- When site activity has ceased and significant surface runoff is not likely (arid season), inspections shall be conducted at least every other month and following each storm event producing greater than 0.5 inches of precipitation.
- If an additional inspection frequency is specified within a Storm Water Pollution Prevention (SWPP) Plan, this frequency shall be followed.
- Inspections shall be documented on the BMP Inspection and Maintenance Form.
- Inspectors should identify in particular:
    - Correct installation or maintenance.
    - Effectiveness in controlling storm water runoff, erosion, and sediment transport.

- Damage that has occurred since the last inspection.
- Required maintenance.
- Evidence of erosion or other damage in the surrounding area.

- When establishing vegetation, inspect seeded area for uniform growth.
- Conduct required repairs immediately and document them in the current or next inspection record.

Environmental media (e.g. soil, sediment, surface and ground water) is not considered waste. However, contaminated environmental media may constitute solid waste and/or hazardous waste. If there is any potential for accumulated sediment to be contaminated, a waste determination must be made and documented. For guidance, see the Laboratory's LIRs on Radioactive Waste, Managing Solid Waste, and Hazardous and Mixed Waste Requirements for Generators.

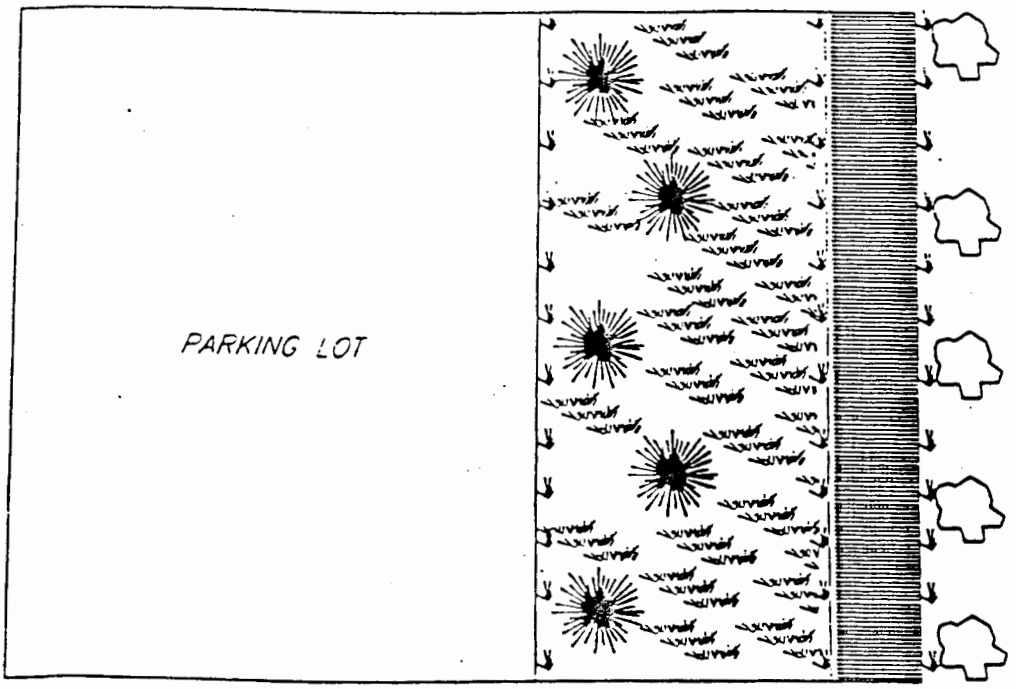
Inspection plans and records shall be maintained by the owner/operator, and made available for future regulatory inspections.

REMOVAL CRITERIA:

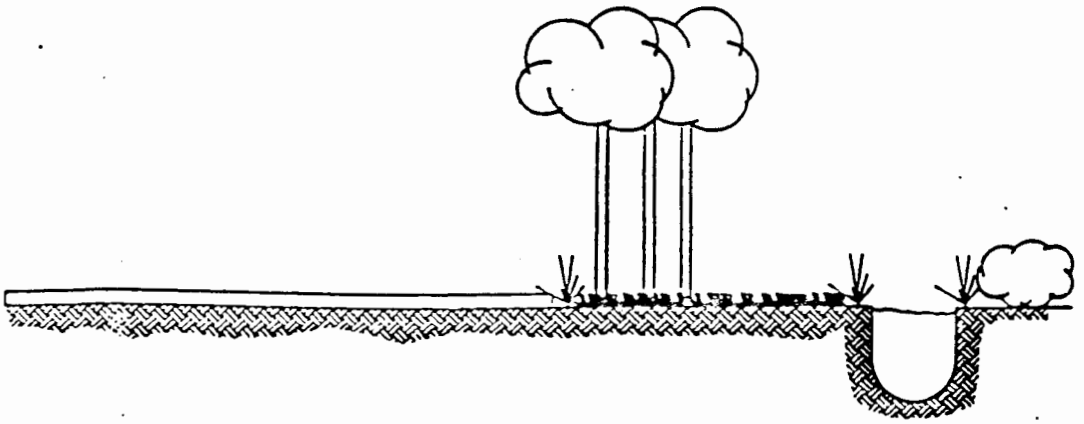
- Vegetative buffer zones shall not be removed unless additional controls are implemented, or the area is to be developed.

For assistance with BMP selection, installation, or maintenance, please contact ESH-18 at 665-4752.

VEGETATED BUFFER ZONES



PLAN VIEW



TYPICAL SECTION

MULCHING

GENERAL DESCRIPTION:

Mulching is a temporary soil stabilization practice wherein a protective layer of material is applied to a soil surface. Materials most often used include straw, woodchips, wood fibers, coconut fibers, and excelsior. The purpose of mulch is to stabilize soil and minimize erosion by protecting the soil surface from raindrop impact. Mulch is also effective in increasing infiltration rates, conserving moisture, and aiding in seed germination. Mulch may be applied as loose material or as matting, which is mulch material that is enveloped in a biodegradable netting. This section will focus on the application of loose mulch material. Matting is discussed in the following section on page 54.

PROS:

- May be applied by hand or by machinery
- Increases infiltration rates and aids in the germination of vegetation
- Can be applied to any site
- Requires no removal

CONS:

- Due to covering, the germination of some seeds may be delayed
- The application of loose mulch material may have to be repeated due to site activity, wind, or large storm events

INSTALLATION GUIDELINES:

- Mulch shall be applied following the completion of seeding.
- On seeded sites, mulch material shall not be applied more than 2 inches deep, unless incorporated into the soil by tracking, discing, or crimping.
- Storm water diversion and conveyance controls shall be installed to divert concentrated flows away from seeded areas.

Straw

- To prevent the vegetation of noxious weeds, use clean wheat, barley, oat, or rice straw.
- Ensure that the straw in not moldy or compacted.
- Either by hand or machine, evenly distribute straw to a depth of 2-4 inches,
- Cover the exposed area to a uniform depth with the soil surface being barely visible.
- For seeded sites, 80% of the soil surface should be covered.
- For unseeded sites, 90% of the soil surface should be covered.
- One 80 lbs bale of straw will adequately cover approximately 1000 ft^2.
- Straw shall be anchored immediately to minimize cover loss from wind or water. Anchoring techniques include crimping, tracking, discing, or covering the material with netting.

Straw Anchoring Techniques

- If the straw has been distributed by hand it may be anchored by incorporating it into the soil with a dull, round-nosed shovel. This should be done every 1-2 feet.
- While limited in its operational constraints, tractor drawn tools which incorporate the straw into the top 2-8 inches of soil provide optimum anchoring.
- For slopes of 3:1 or less, tracking with heavy equipment is an effective way to anchor straw. Tracking equipment shall operate perpendicular to the direction of flow.
- Netting is typically made from jute, wood fiber, plastic, paper or cotton, and may also be used to cover straw mulch.

Wood chips or Bark

- Evenly distribute the material to a surface depth of 2-3 inches.
- The application rate for wood chips or bark is approximately 6 tons/acre or 275 lbs/1,000 ft^2.

INSPECTION AND MAINTENANCE:

- For active field operations, areas with mulch shall be inspected weekly and following each storm event producing greater than 0.5 inches of precipitation.
- When site activity has ceased and significant surface runoff is not likely (arid season), inspections shall be conducted at least every other month and following each storm event producing greater than 0.5 inches of precipitation.
- If an additional inspection frequency is specified within a Storm Water Pollution Prevention (SWPP) Plan, this frequency shall be followed.
- Inspections shall be documented on the BMP Inspection and Maintenance Form.
- Inspectors should identify in particular:
  - Correct installation.
  - Effectiveness in controlling storm water runoff, erosion, and sediment transport.
  - Damage that has occurred since the last inspection.
  - Required maintenance.
  - Evidence of erosion or other damage in the surrounding area.
- Inspect mulched areas for adequate and uniform cover.
- Conduct required repairs immediately and document them in the current or next inspection record.

Inspection plans and records shall be maintained by the owner/operator, and made available for future regulatory inspections.

REMOVAL CRITERIA:

None

For assistance with BMP selection, installation, or maintenance, please contact ESH-18 at 665-4752.

MATTING

GENERAL DESCRIPTION:

Matting involves the application of protective mulch matting to a prepared soil surface. Mulch matting is material (most commonly straw, jute, or wood or coconut fibers) that has been formed into sheets of mulch. The material is machine produced and is evenly distributed between biodegradable natural fiber netting. Netting is typically made from jute, wood fiber, plastic, paper or cotton. Matting is used to temporarily stabilize and protect disturbed soil. Its use also increases infiltration rates and aids in the germination of vegetation. Typical applications for matting include disturbed or exposed areas, slopes, and channelized waterways.

PROS:

- Provides immediate soil stabilization and erosion control
- Can aid the establishment of vegetation in waterways
- Increases infiltration rates and aids in the germination of vegetation
- Requires no removal

CONS:

- Due to covering, the germination of some seeds may be delayed
- Netting may interfere with maintenance efforts (mowing, weedeating, etc)
- If mulch material degrades or is washed away prior to the biodegration of the netting, netting material may have to be removed and properly disposed of.

INSTALLATION GUIDELINES:

Site Preparation

- Grade the installation area as appropriate to ensure firm, continuous contact between the material and the soil.
- Remove all large rocks, clods, or other obstructions that will interfere with the appropriate soil contact.
- For compacted, crusted or hardened soil, loosen with discing, raking or harrowing. For sandy soils, tracking with heavy equipment cleats is effective.
- The seedbed should be approximately 3-5 inches deep. Ensure that the top 3 inches is loose, moist soil.

Seeding

- For erosion control and re-vegetation, seed the area prior to mat installation. Areas disturbed during mat installation may require reseeding.
- For turf reinforcement, seed the area after mat installation.

Anchoring

- Matting shall be anchored to the ground using U-shaped wire staples, metal geotextile stake pins, or wooden stakes. Anchors should be a minimum of 6-8 inches long, having sufficient ground penetration to resist pullout. Wire staples should be a minimum of 11 gauge and stake pins should be a minimum 3/16 inch in diameter steel with a 1 1/2 inch steel washer at the head of the pin. Both shall be driven flush with the ground surface.

Slope Installation

- At the top of the slope anchor the mat in a trench that is a minimum of 6 inches deep x 6 inches wide. Backfill material shall be firmly tamped.
- Ensure the matting is unrolled in the direction of the water flow.
- Maintain direct soil contact during placement.
- Overlap the edges of adjacent parallel rolls 2-3 inches and anchor mat approximately every 3 feet.
- If mat splicing is required, provide a 6 inch overlap between mats and place anchors, approximately 12 inches apart, in the overlapped area.

- Anchor the matting as required to maintain contact with the soil.

Channel Installation

- At the lower end of the project area, excavate an anchor trench approximately 12 inches deep and 6 inches wide.
- Excavate intermittent check slots, 6 inches (0.2 m) deep and 6 inches (0.2 m) wide across the channel at 25-30 foot (7.6-9.1 m) intervals along the channel.
- To bury edges of the matting, excavate longitudinal anchor slots 4 inches deep and 4 inches wide along each side of the installation area. Extend the matting 2-3 inches above the crest of channel side slopes.
- The ends of mats shall be secured with anchors at 1 foot intervals. Firmly tamp backfill material.
- Overlap adjacent parallel rolls and splice as is detailed in the previous section.
- Unroll the matting in an upstream direction, stopping at each anchor slot.
- Anchor upstream end of matting in 12 inch deep x 6 inch wide trench. Firmly tamp backfill material.
- Anchor the matting as required to maintain contact with the soil.

INSPECTION AND MAINTENANCE:

- For active field operations, areas with matting shall be inspected weekly and following each storm event producing greater than 0.5 inches of precipitation.
- When site activity has ceased and significant surface runoff is not likely (arid season), inspections shall be conducted at least every other month and following each storm event producing greater than 0.5 inches of precipitation.
- If an additional inspection frequency is specified within a Storm Water Pollution Prevention (SWPP) Plan, this frequency shall be followed.
- Inspections shall be documented on the BMP Inspection and Maintenance Form.
- Inspectors should identify in particular:
  - Correct installation.
  - Effectiveness in controlling storm water runoff, erosion, and sediment transport.
  - Damage that has occurred since the last inspection.
  - Required maintenance.
  - Evidence of erosion or other damage in the surrounding area.
- Inspect installation area for erosion and undermining.
- Conduct required repairs immediately and document them in the current or next inspection record.

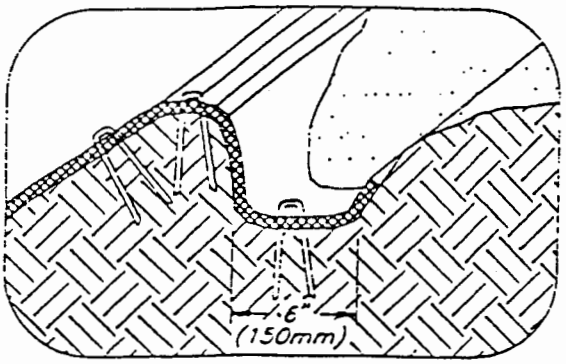
Inspection plans and records shall be maintained by the owner/operator, and made available for future regulatory inspections.

REMOVAL CRITERIA:

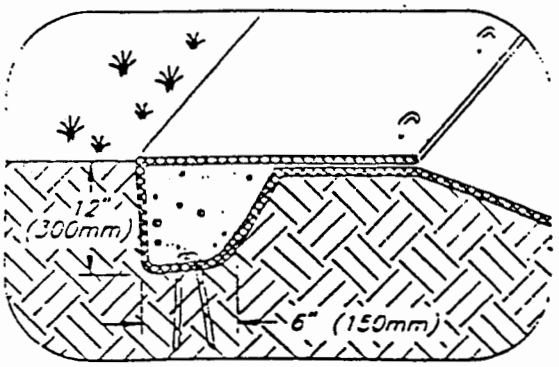
None

For assistance with BMP selection, installation, or maintenance, please contact ESH-18 at 665-4752.

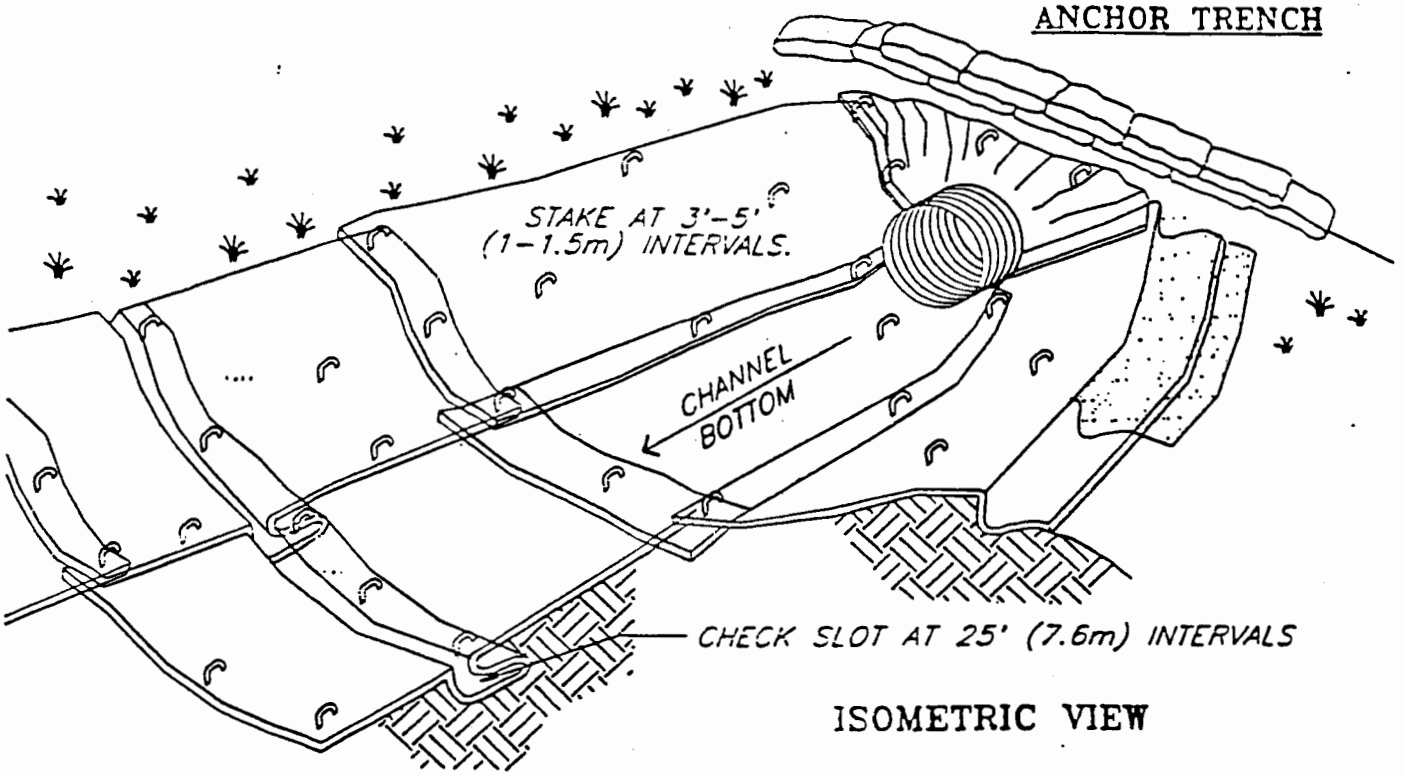
MATTING



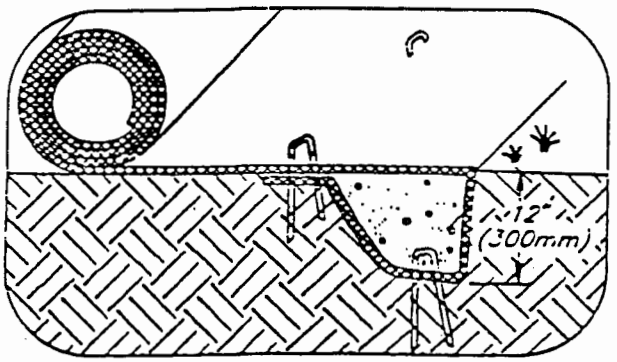
LONGITUDINAL ANCHOR TRENCH



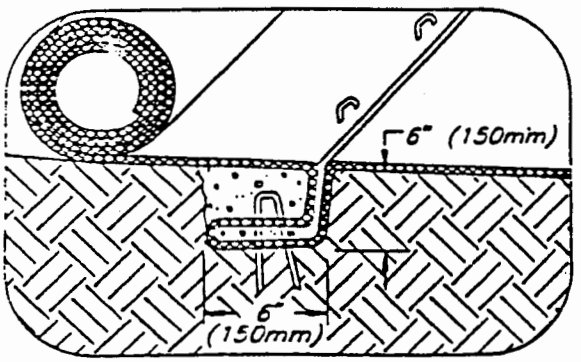
TERMINAL SLOPE AND CHANNEL ANCHOR TRENCH



ISOMETRIC VIEW



INITIAL CHANNEL ANCHOR TRENCH



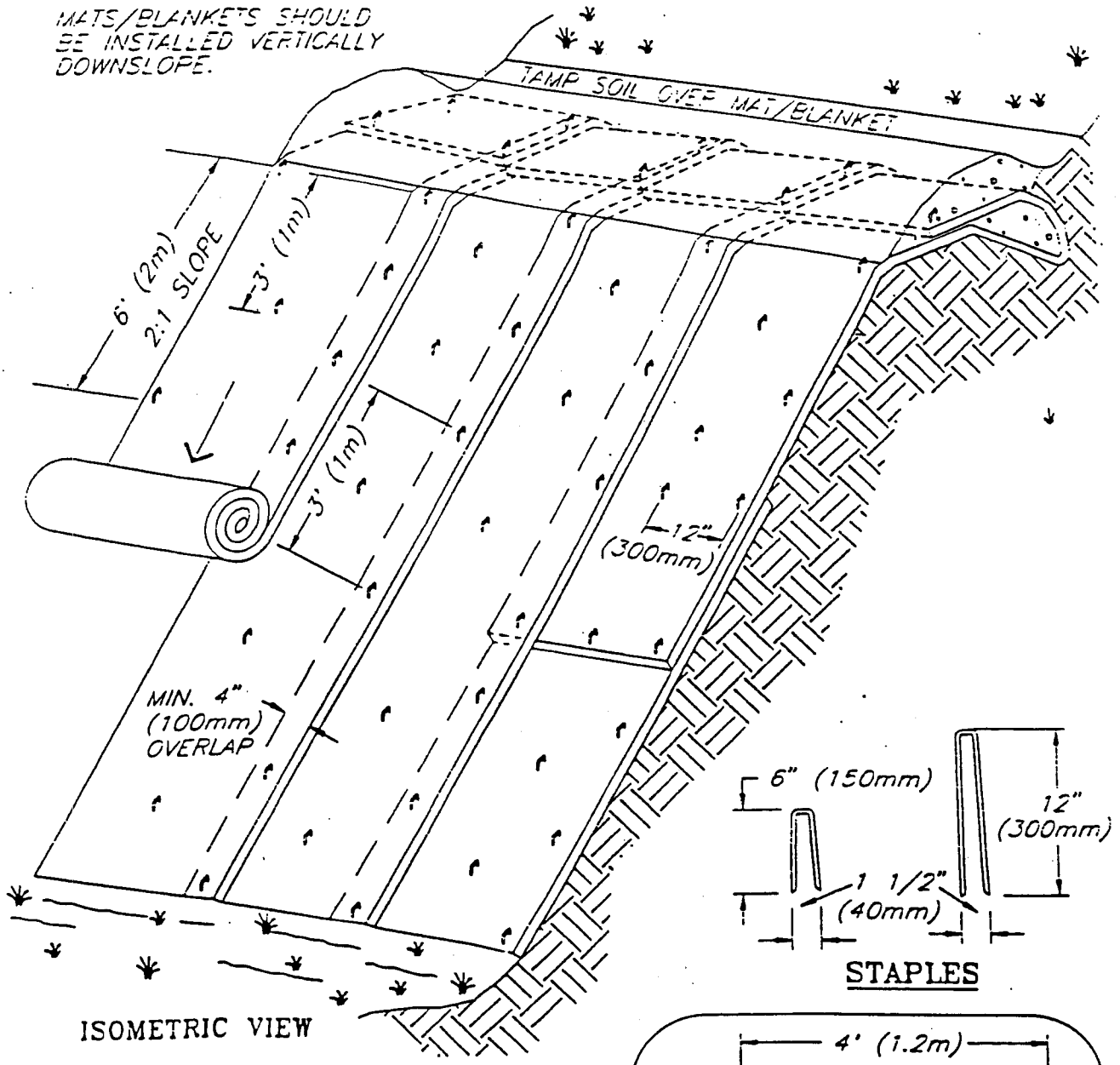
INTERMITTENT CHECK SLOT

NOTES:

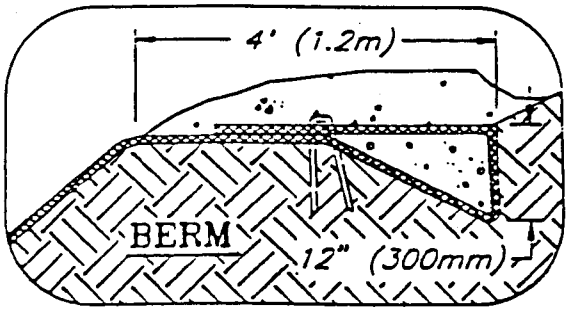
1. CHECK SLOTS TO BE CONSTRUCTED PER MANUFACTURERS SPECIFICATIONS.

2. STAKING OR STAPLING LAYOUT PER MANUFACTURERS SPECIFICATIONS.

MATTING



STAPLES



TYPICAL SLOPE SOIL STABLIZATION

NOT TO SCALE

NOTES:

1. SLOPE SURFACE SHALL BE FREE OF ROCKS, CLODS, STICKS AND GRASS. MATS/BLANKETS SHALL HAVE GOOD SOIL CONTACT.
2. APPLY PERMANENT SEEDING BEFORE PLACING BLANKETS.
3. LAY BLANKETS LOOSELY AND STAKE OR STAPLE TO MAINTAIN DIRECT CONTACT WITH THE SOIL. DO NOT STRETCH.

TEMPORARY SEEDING

GENERAL DESCRIPTION:

Temporary seeding involves providing short-term vegetative cover to disturbed surfaces or other areas that pose a high risk of erosion. The primary difference between temporary and permanent seeding is the use of fast-growing grasses. By quickly stabilizing the area with temporary seeding, erosion and sediment transport can be reduced until permanent stabilization controls can be implemented. Typical areas appropriate for temporary seeding include soil stockpiles, berms, dams, areas adjacent to roadways, and denuded areas exposed to seasonal rains or subject to erosion for more than 30 days.

PROS:

- Inexpensive and easy to install
- Under the right climate conditions, provides rapid vegetative cover
- An aesthetic control
- Increases infiltration rates, reducing storm water runoff
- May reduce the maintenance costs of other erosion controls in the area

CONS:

- Establishment of vegetation is dependent upon the season and rainfall rates
- Following seeding, area requires protection from heavy use
- To effectively control erosion, proper seedbed preparation and the use of quality seed is required
- Once vegetated, the area may require ongoing irrigation and maintenance

INSTALLATION GUIDELINES:

Site Preparation

- Grade the area as needed for proper seedbed preparation.
- If the soil has recently been disturbed, no additional roughening is required.
- For compacted, crusted or hardened soil, loosen with discing, raking or harrowing. For sandy soils, tracking with heavy equipment cleats is effective.
- The seedbed should be approximately 3-5 inches deep. Ensure that the top 3 inches is loose, moist soil free of large clods and stones.
- Storm water diversion and conveyance controls shall be installed to divert concentrated flows away from seeded areas.

Planting

- Seeding should be completed as soon as practicable following completion of land disturbing activities.
- The spreading of mulch should immediately follow seeding when seeding in adverse soil conditions, during excessively hot or dry weather, where heavy rains are expected, or on slopes greater than 2:1.
- Seed shall be applied uniformly using calibrated spreaders, cyclone seeders, mechanical drills, broadcast spreading, or hydroseeders.
- Apply fertilizer and/or lime as soil conditions require.
- To provide adequate seed-soil contact, incorporate the seed into the soil by raking or chain dragging and lightly compact the soil so that the seedbed is firm.

Seed Mixes

- Native vegetation appropriate to the season and site conditions shall be used.
- See Section 222.7 of the LANL Architectural Standards Manual, Volume 4, for guidance on applicable seed mixes.

INSPECTION AND MAINTENANCE:

- For active field operations, areas with temporary seeding shall be inspected weekly and following each storm event producing greater than 0.5 inches of precipitation.
- When site activity has ceased and significant surface runoff is not likely (arid season), inspections shall be conducted at least every other month and following each storm event producing greater than 0.5 inches of precipitation.
- If an additional inspection frequency is specified within a Storm Water Pollution Prevention (SWPP) Plan, this frequency shall be followed.
- Inspections shall be documented on the BMP Inspection and Maintenance Form.
- Inspectors should identify in particular:
  - Correct installation.
  - Effectiveness in controlling storm water runoff, erosion, and sediment transport.
  - Damage that has occurred since the last inspection.
  - Required maintenance.
  - Evidence of erosion or other damage in the surrounding area.
- Inspect seeded area for uniform growth of vegetation.
- Conduct required repairs immediately and document them in the current or next inspection record.

Inspection plans and records shall be maintained by the owner/operator, and made available for future regulatory inspections.

REMOVAL CRITERIA:

- Seeded areas shall not be disturbed until the area has been stabilized with vegetation.
- Final vegetative stabilization is defined as 70% of the vegetative cover that would exist under normal site conditions. This determination shall be made by the Water Quality & Hydrology Group (ESH-18).

For assistance with BMP selection, installation, or maintenance, please contact ESH-18 at 665-4752.

PERMANENT SEEDING

GENERAL DESCRIPTION:

Permanent seeding is the establishment of long-term perennial vegetative cover to disturbed surfaces or other areas that pose a high risk of erosion. Through permanent stabilization, erosion and sediment transport is reduced and the volume of runoff is diminished due to increased infiltration rates. Typical areas appropriate for permanent seeding include denuded areas where long-term vegetative cover is desired, buffer areas, steep slopes, stream banks, and areas where soils are unstable.

PROS:

- Relatively inexpensive
- An aesthetic control
- Increases infiltration rates and reduces erosion and sediment transport
- Very effective in stabilizing the soil

CONS:

- Establishment of vegetation is dependent upon the season and rainfall rates
- Requires site area that is at final grade
- May require ongoing irrigation and maintenance to establish vegetation

INSTALLATION GUIDELINES:

Timing

- Permanent seeding to areas to be void of activity for 1 year or more.
- Permanent seeding should be applied when an area has achieved final grade and no further disturbances are planned.
- Permanent seeding shall be applied prior to seasonal rains or freezing weather.
- For late fall or winter seeding schedules, dormant seeding mixes shall be used.

Site Preparation

- Area to be seeded shall be brought to final grade.
- Storm water diversion and conveyance controls shall be installed to divert concentrated flows away from seeded areas.
- If the soil has recently been disturbed, no additional roughening is required.
- For compacted, crusted or hardened soil, loosen with discing, raking or harrowing. For sandy soils, tracking with heavy equipment cleats is effective.
- The seedbed should be approximately 3-5 inches deep. Ensure that the top 3 inches is loose, moist topsoil free of large clods and stones.

Planting

- Seeding should be initiated as soon as practicable following completion of final grading activities.
- If seeding requires harrowing, tracking, or furrowing, these activities shall be conducted horizontally across the face of the slope.
- The spreading of mulch should immediately follow seeding when seeding in adverse soil conditions, during excessively hot or dry weather, where heavy rains are expected, or on slopes greater than 2:1.
- Seed shall be applied uniformly using calibrated spreaders, cyclone seeders, mechanical drills, broadcast spreading, or hydroseeders.
- Apply fertilizer and/or lime as soil conditions require.
- To provide adequate seed-soil contact, incorporate broadcast seed into the soil by raking or chain dragging. Lightly compact the soil so that the seedbed is firm.

Seed Mixes

- Native vegetation appropriate to the season and site conditions shall be used.
- Seed mixes shall include annuals, perennials and legumes.
- See Section 222.7 of the LANL Architectural Standards Manual, Volume 4, for guidance on applicable seed mixes.

INSPECTION AND MAINTENANCE:

- For active field operations, areas with permanent seeding shall be inspected weekly and following each storm event producing greater than 0.5 inches of precipitation.
- When site activity has ceased and significant surface runoff is not likely (arid season), inspections shall be conducted at least every other month and following each storm event producing greater than 0.5 inches of precipitation.
- If an additional inspection frequency is specified within a Storm Water Pollution Prevention (SWPP) Plan, this frequency shall be followed.
- Inspections shall be documented on the BMP Inspection and Maintenance Form.
- Inspectors should identify in particular:
  - Correct installation.
  - Effectiveness in controlling storm water runoff, erosion, and sediment transport.
  - Damage that has occurred since the last inspection.
  - Required maintenance.
  - Evidence of erosion or other damage in the surrounding area.
- Inspect seeded area for uniform growth of vegetation.
- "Spot" seed small bare areas to increase vegetative cover.
- Conduct required repairs immediately and document them in the current or next inspection record.

Inspection plans and records shall be maintained by the owner/operator, and made available for future regulatory inspections.

REMOVAL CRITERIA:

- Seeded areas shall not be disturbed until the area has been stabilized with vegetation.
- Final vegetative stabilization is defined as 70% of the vegetative cover that would exist under normal site conditions. This determination shall be made by the Water Quality & Hydrology Group (ESH-18).

For assistance with BMP selection, installation, or maintenance, please contact ESH-18 at 665-4752.

RIPRAP

GENERAL DESCRIPTION:

Riprap is a foundation of irregularly placed stones designed to stabilize and protect areas subject to erosion. Its uses include cut-and fill slopes, channel sides and bottoms, conveyance inlets and outlets, stream bank stabilization, and shorelines subject to wave action. Riprap is identified as either graded, which includes a mixture of stone sizes, or uniform which constitutes stones of the same size. Stone sizes are designated by mean diameter or weight.

PROS:

- Versatile and erosion resistant material
- Can be used for high velocity flows
- When using graded riprap, provides a dense flexible cover
- Requires minimal maintenance

CONS:

- May be difficult to remove sediment accumulations
- Requires proper slope selection and surface preparation for long term success
- Depending on surrounding conditions, control may be unsightly

INSTALLATION GUIDELINES:

- For areas requiring riprap, schedule land disturbing activities so that riprap placement can immediately follow completion of surface preparation.
- Brush, trees, stumps, and other objects that would interfere with riprap placement shall be removed.
- To prevent soil movement through the riprap, install a filter beneath the riprap. The filter should consist of either a gravel layer or filter fabric.
- Gravel filter design is based on the ratio of particle size in the filter material to that of the subgrade base material.
- Layers of gravel filter material shall be a minimum of 6 inches thick.
- The subgrade for the filter shall conform to the design elevations. Required fill shall be compacted to the density of the surrounding undisturbed material.
- When using filter fabric, connect joints with a minimum overlap of 1 foot and space anchor pins approximately every 3 feet along the overlap. The ends of the fabric shall be buried to a minimum depth of 12 inches.
- Ensure that the fabric material is protected from damage during installation.
- Riprap placement should immediately follow filter installation.
- Riprap shall be either uniform or graded stone.
- Riprap shall not be place by methods that cause a segregation of stone sizes.
- Riprap placement should form a mass of stones with a minimum of voids.
- Ensure that the filter and underlying layers are not disturbed during placement.
- Following installation, stabilize all disturbed areas.
- For additional information on riprap selection and installation, see Section 602 of the New Mexico State Highway and Transportation Department Standard Specifications for Highway and Bridge Construction.

INSPECTION AND MAINTENANCE:

- For active field operations, riprap shall be inspected weekly and following each storm event producing greater than 0.5 inches of precipitation.

- When site activity has ceased and significant surface runoff is not likely (arid season), inspections shall be conducted at least every other month and following each storm event producing greater than 0.5 inches of precipitation.
- If an additional inspection frequency is specified within a Storm Water Pollution Prevention (SWPP) Plan, this frequency shall be followed.
- Inspections shall be documented on the BMP Inspection and Maintenance Form.
- Inspectors should identify in particular:
    - Correct installation.
    - Effectiveness in controlling runoff, sediment transport, and erosion.
    - Damage that has occurred since the last inspection.
    - Required maintenance.
    - Sediment accumulations and the need to remove the accumulations.
    - Evidence of erosion or other damage in the surrounding area.
- Inspect for erosion around the riprap and the dislodgment of stones.
- At a minimum, accumulated sediment shall be removed when stones are no longer visible.
- Removed sediment accumulations shall not be placed within any drainage, either above or below the BMP.
- Removed sediment shall be stabilized to prevent future migration from storm water runoff.
- Required repairs should be conducted immediately and documented in the current or next inspection record.

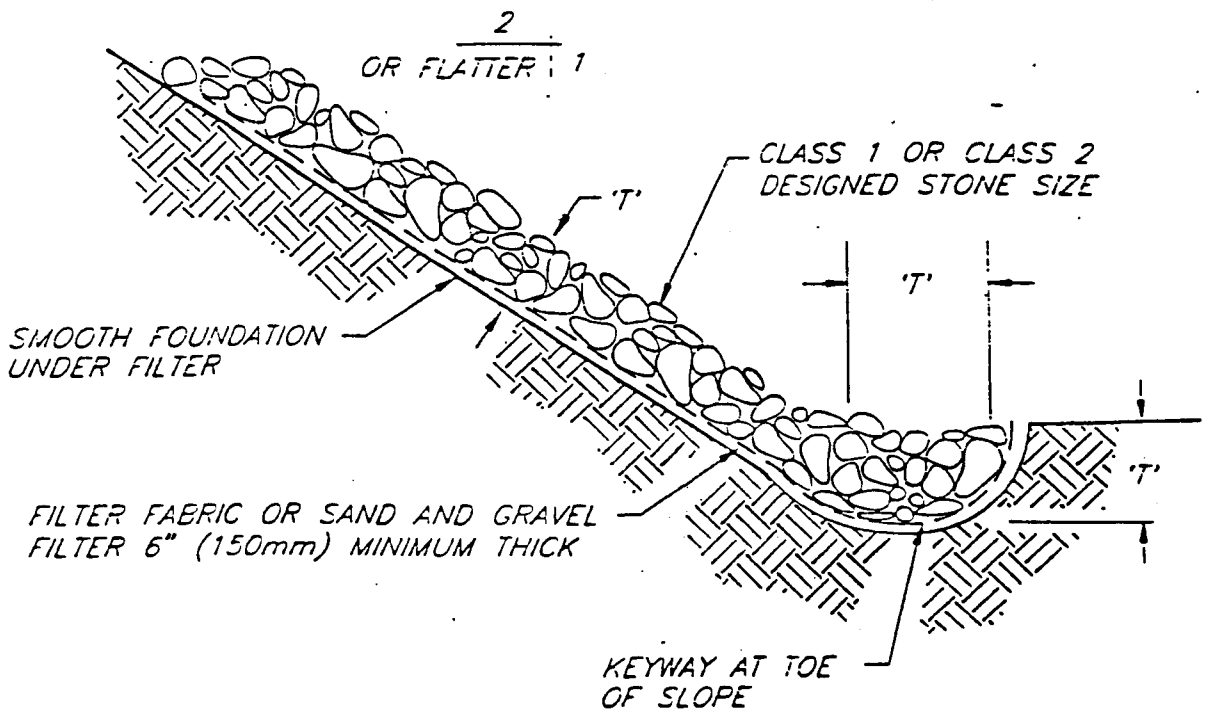
Environmental media (e.g. soil, sediment, surface and ground water) is not considered waste. However, contaminated environmental media may constitute solid waste and/or hazardous waste. If there is any potential for accumulated sediment to be contaminated, a waste determination must be made and documented. For guidance, see the Laboratory's LIRs on Radioactive Waste, Managing Solid Waste, and Hazardous and Mixed Waste Requirements for Generators.

Inspection plans and records shall be maintained by the owner/operator, and made available for future regulatory inspections.

REMOVAL CRITERIA:

- Riprap shall not be removed unless the conveyance or channel is no longer in use, or the area is to be stabilized with another type of control.

For assistance with BMP selection, installation, or maintenance, please contact ESH-18 at 665-4752.



TYPICAL SECTION

NOTE:
'T' = THICKNESS: THICKNESS SHALL BE DETERMINED BY THE ENGINEER.

MINIMUM THICKNESS SHALL BE 1.5x THE MAXIMUM STONE DIAMETER, NEVER LESS THAN 6" (150mm).

GABIONS

GENERAL DESCRIPTION:

A gabion is wire enclosed riprap that forms a pervious structure designed to stabilize and protect channels and slopes subject to erosion. By trapping sediment between the stones, gabions also facilitate vegetative growth. The traditional gabion is a rectangular basket used as a building block for retaining walls and grade control structures. Gabion mattresses, which are not as thick as traditional gabions, are used to line storm drain outlets and channel side slopes and bottoms. The wire used in gabion construction is typically double-twist, hexagonal mesh or welded wire.

PROS:

- Versatile and erosion resistant material
- Can be used for high velocity flows
- Supports vegetative growth
- Requires minimal maintenance
- Requires less thickness than an equivalent riprap design

CONS:

- If necessary, may be difficult to remove sediment accumulations
- When used as a retaining wall or grade control structure, requires a formal design
- Depending on surrounding conditions, control may be unsightly

INSTALLATION GUIDELINES:

Gabion installation should be done in accordance with the design requirements and manufacturers' standards and specifications. Additional general information on gabion installation follows:

- Gabions should be of single-unit construction and be fabricated so they can be assembled at the construction site.
- When gabions are assembled, corners should be first joined together. Untied edges shall be assembled by tying with lacing wire or approved fasteners.
- To ensure that erosion does not occur beneath or around the structures, gabions and gabion mattresses shall be secured to the streambank or streambed.
- Excavate loose material as necessary to establish a stable foundation for each structure.
- Gabion baskets should be joined together along adjacent edges, both horizontally and vertically.
- Following filling, the tops of the gabions should be closed along edges with lacing wire or approved fasteners. Voids and bulges in the gabions should be kept to a minimum
- Gabions should be filled with 3-5 inch stone.
- Gabion mattresses should be filled with 4-8 inch stone.
- For additional information on gabion installation, see Section 602 of the New Mexico State Highway and Transportation Department Standard Specifications for Highway and Bridge Construction.

INSPECTION AND MAINTENANCE:

- For active field operations, gabions shall be inspected weekly and following each storm event producing greater than 0.5 inches of precipitation.
- When site activity has ceased and significant surface runoff is not likely (arid season), inspections shall be conducted at least every other month and following each storm event producing greater than 0.5 inches of precipitation.
- If an additional inspection frequency is specified within a Storm Water Pollution Prevention (SWPP) Plan, this frequency shall be followed.

- Inspections shall be documented on the BMP Inspection and Maintenance Form.
- Inspectors should identify in particular:
  - Correct installation.
  - Effectiveness in controlling runoff, sediment transport, and erosion.
  - Damage that has occurred since the last inspection.
  - Required maintenance.
  - Evidence of erosion or other damage in the surrounding area.
- Inspect for erosion around and beneath the gabions.
- Required repairs should be conducted immediately and documented in the current or next inspection record.

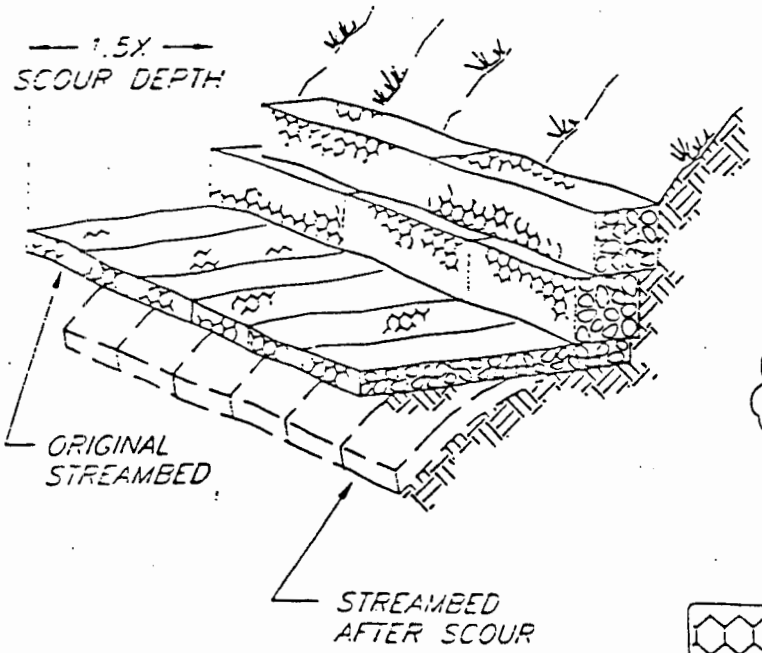
Environmental media (e.g. soil, sediment, surface and ground water) is not considered waste. However, contaminated environmental media may constitute solid waste and/or hazardous waste. If there is any potential for accumulated sediment to be contaminated, a waste determination must be made and documented. For guidance, see the Laboratory's LIRs on Radioactive Waste, Managing Solid Waste, and Hazardous and Mixed Waste Requirements for Generators.

Inspection plans and records shall be maintained by the owner/operator, and made available for future regulatory inspections.

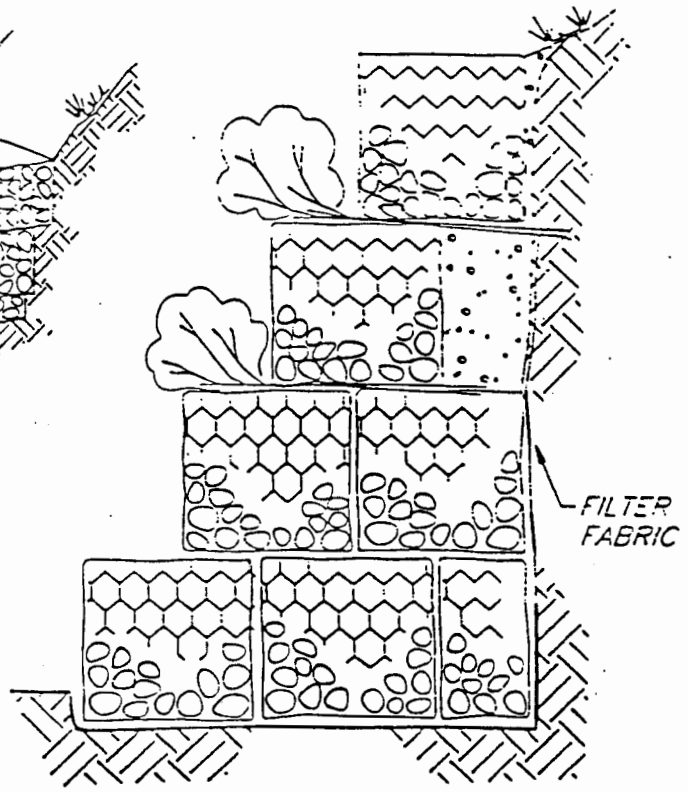
REMOVAL CRITERIA:

- Gabions shall not be removed unless the conveyance or channel is no longer in use, or the area is to be stabilized with another type of control.

For assistance with BMP selection, installation, or maintenance, please contact ESH-18 at 665-4752.

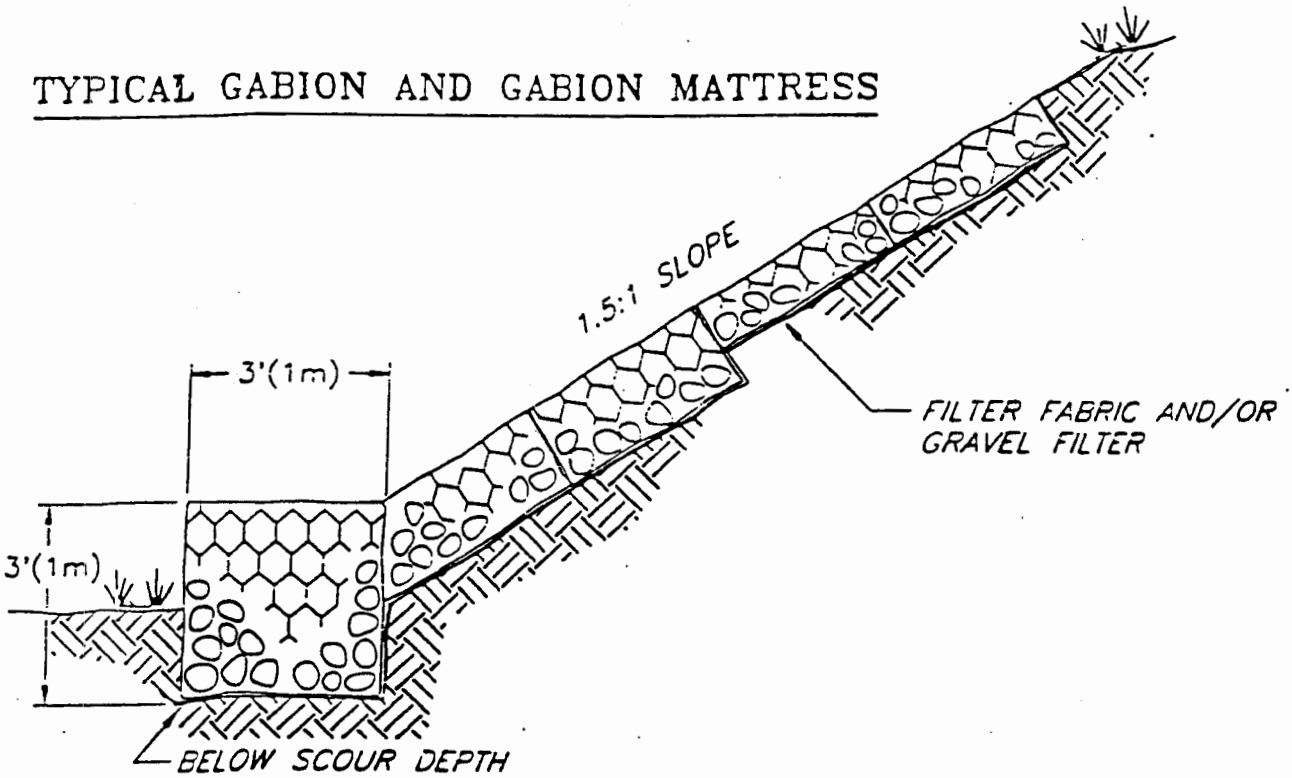


TYPICAL GABION APRON



TYPICAL VEGETATED ROCK GABION

TYPICAL GABION AND GABION MATTRESS



STORM DRAIN OUTLET PROTECTION

GENERAL DESCRIPTION:

Storm drain outlet protection consists of a structural control at a drain outlet that reduces velocity and dissipates energy in concentrated storm water runoff. These controls typically include riprap, concrete aprons, asphalt paved sections, and stilling basins, with riprap being the most common. In reducing velocity and dissipating energy, outlet protections minimize or eliminate scour at the outlet and downstream erosion.

PROS:

- Can be used for high velocity flows
- When using riprap, provides a relatively inexpensive control
- Requires minimal maintenance
- May be designed to remove sediment in addition to reducing velocity
- Minimizes scour and downstream erosion

CONS:

- If necessary, may be difficult to remove sediment accumulations
- Depending on surrounding conditions, control may be unsightly
- If using concrete, may be expensive for design and construction

INSTALLATION GUIDELINES:

- Design factors for outlet protection shall include peak runoff or design discharge of the conveyance, tailwater depth, and apron size.
- For outlets that discharge into a well defined channel, determine the maximum tailwater depth and extend the apron up the channel banks 0.5 feet above this depth.
- For concrete aprons, paved asphalt sections, and stilling basins, a formal design shall be prepared.

Riprap

- Riprap aprons should extend downstream until stable conditions are achieved, even if calculated lengths are exceeded.
- To prevent soil movement through the riprap, install a filter beneath the riprap that consists of a gravel layer or filter fabric.
- The subgrade for the filter shall conform to the design elevations. Required fill shall be compacted to the density of the surrounding undisturbed material.
- When using filter fabric, ensure protection from damage during installation and connect joints with a minimum overlap of 1 foot.
- Riprap shall be a mixture of well graded stones.
- For riprap selection and installation see Section 602 of the New Mexico State Highway and Transportation Department Standard Specifications for Highway and Bridge Construction.
- Ensure that the riprap apron has zero grade and is properly aligned with the receiving stream. No overfall should exist at the end.
- Following installation, stabilize all disturbed areas.

INSPECTION AND MAINTENANCE:

- For active field operations, storm drain outlet protections shall be inspected weekly and following each storm event producing greater than 0.5 inches of precipitation.
- When site activity has ceased and significant surface runoff is not likely (arid season), inspections shall be conducted at least every other month and following each storm event producing greater than 0.5 inches of precipitation.

- If an additional inspection frequency is specified within a Storm Water Pollution Prevention (SWPP) Plan, this frequency shall be followed.
- Inspections shall be documented on the BMP Inspection and Maintenance Form.
- Inspectors should identify in particular:
    - Correct installation.
    - Effectiveness in controlling runoff, sediment transport, and erosion.
    - Damage that has occurred since the last inspection.
    - Required maintenance.
    - Sediment accumulations and the need to remove the accumulations.
    - Evidence of erosion or other damage in the surrounding area.
- For riprap aprons, inspect for erosion around the riprap and dislodgment of stones.
- Accumulated sediment shall be removed if it impedes appropriate energy dissipation.
- Removed sediment accumulations shall not be placed within any drainage, either above or below the BMP.
- Removed sediment shall be stabilized to prevent future migration from storm water runoff.
- Required repairs should be conducted immediately and documented in the current or next inspection record.

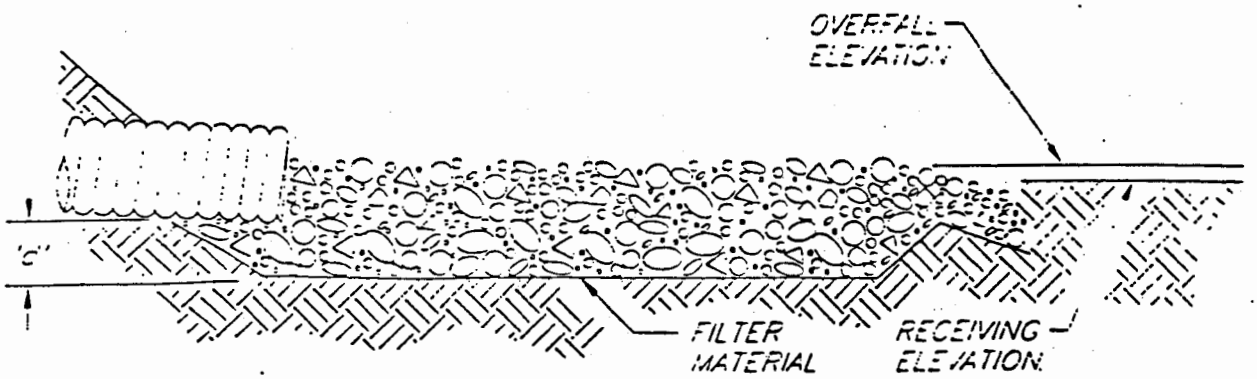
Environmental media (e.g. soil, sediment, surface and ground water) is not considered waste. However, contaminated environmental media may constitute solid waste and/or hazardous waste. If there is any potential for accumulated sediment to be contaminated, a waste determination must be made and documented. For guidance, see the Laboratory's LIRs on Radioactive Waste, Managing Solid Waste, and Hazardous and Mixed Waste Requirements for Generators.

Inspection plans and records shall be maintained by the owner/operator, and made available for future regulatory inspections.

REMOVAL CRITERIA:

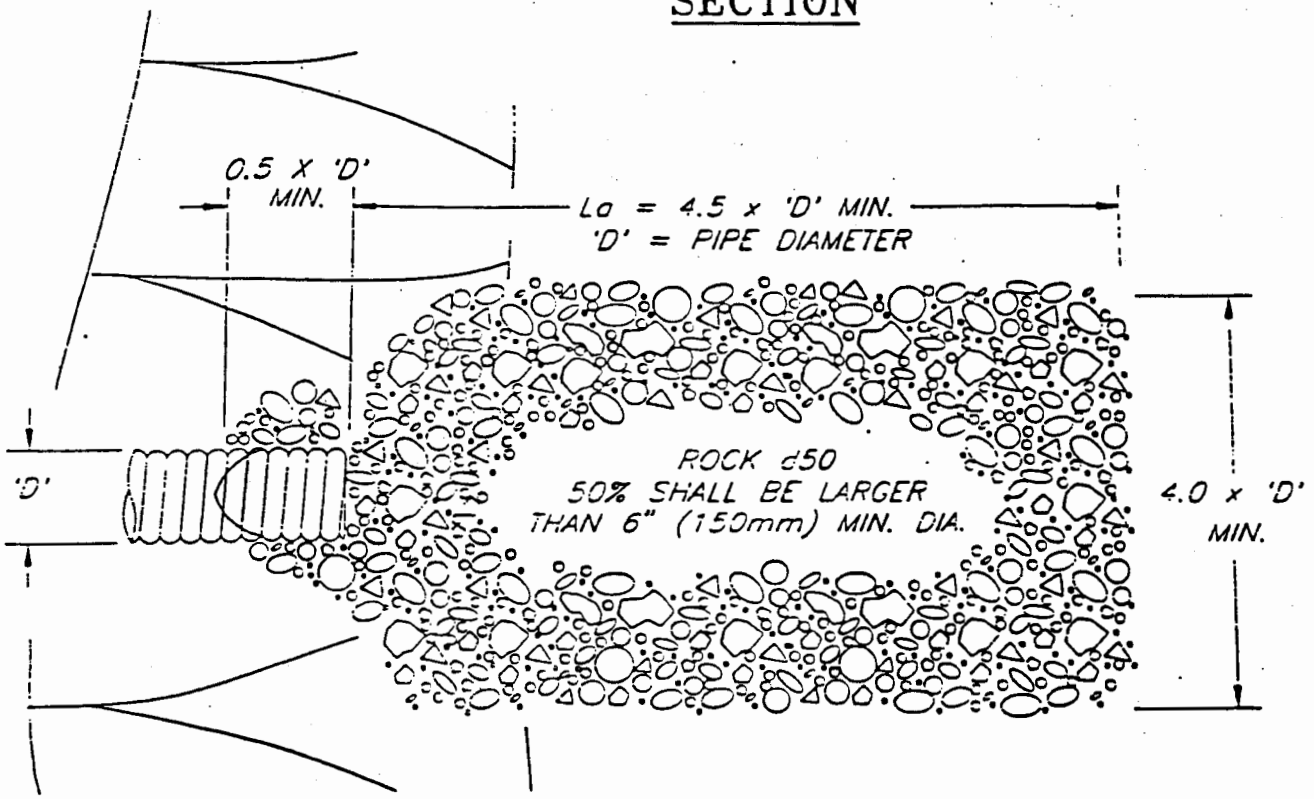
- Storm drain outlet protections shall not be removed unless the conveyance is no longer in use.

For assistance with BMP selection, installation, or maintenance, please contact ESH-18 at 665-4752.



THICKNESS ('d') = 1.5 x MAX. ROCK DIAMETER – 6" (150mm) MIN.

SECTION



PLAN

NOTES:

1. 'La' = LENGTH OF APRON. DISTANCE 'La' SHALL BE OF SUFFICIENT LENGTH TO DISSIPATE ENERGY.
2. APRON SHALL BE SET AT A ZERO GRADE AND ALIGNED STRAIGHT.
3. FILTER MATERIAL SHALL BE FILTER FABRIC OR 6" (150mm) THICK MINIMUM GRADED GRAVEL LAYER.

CELLULAR CONFINEMENT SYSTEMS

GENERAL DESCRIPTION:

A cellular confinement system is a flexible, three-dimensional honeycomb structure designed to stabilize soil and prevent erosion. The individual cells in this permanent control confine and reinforce topsoil and all other types of fill material. This reinforcement protects a plant's root zone, permits subsurface drainage, and eliminates the downward movement of soil and the formation of rill erosion. Suitable applications for cellular confinement systems include channel stabilization, erosion control on slopes, the construction of revetments and retaining walls, road stabilization, and temporary low water crossings.

PROS:

- Effective in stabilizing soil and preventing erosion
- Can be used on steep slopes (1:1 or greater)
- Can be placed around large obstacles such as trees and boulders
- Through the reinforcement of fill material, increases load-bearing capacities
- Once established, requires minimal maintenance

CONS:

- More expensive than other stabilization controls
- Installation requires excavation of the area and compaction of the subgrade
- When used to support vegetation, requires surface treatments following the installation and placement of fill material

INSTALLATION GUIDELINES:

- Ensure that the installation area is a level surface. Remove stones and debris as needed. Large obstacles such as trees and boulders may be left in place. (Cellular confinement system may be placed around these objects)
- Gullies and other large depressions shall be filled and well compacted.
- Excavate as necessary to ensure that, upon installation, the top of the cells are flush with or slightly lower than the surrounding ground or final grade.
- Ensure that the subgrade surface conforms to design elevations and grades.
- For slope stabilization, installation shall begin at the top of the slope a minimum of 2 feet from the edge. Anchor the system and extend the panels down the slope.
- Cellular confinement shall be anchored using J-pins or other approved devices.
- Install anchors in every other cell, repeating this pattern every 6 feet. Ensure that cells are securely anchored to prevent deformation during backfilling. Provide additional anchoring as necessary.
- When joining separate confinement system panels, abut the sections and join with staples, hog rings or other approved fasteners.
- Following completion of installation, place fill material in the cells using suitable equipment.
- When placing fill on steep slopes, infill from the crest to the toe.
- The maximum drop height for fill material shall be 3 feet.
- The depth of overfill and rate of compaction are dependent upon the type of fill material. General guidelines are:
  - For topsoil, overfill depth should be 1-2 inches. Material should be compacted until it is flush with the top edge of the cell wall.
  - For loose, granular material, overfill depth should be no more than 1 inch. Material should be compacted until it is flush with the top edge of the cell wall.
- Surface treatments to establish vegetative growth shall immediately follow placement of fill material.
- Areas disturbed during installation shall be stabilized.

INSPECTION AND MAINTENANCE:

- For active field operations, cellular confinement systems shall be inspected weekly and following each storm event producing greater than 0.5 inches of precipitation.
- When site activity has ceased and significant surface runoff is not likely (arid season), inspections shall be conducted at least every other month and following each storm event producing greater than 0.5 inches of precipitation.
- If an additional inspection frequency is specified within a Storm Water Pollution Prevention (SWPP) Plan, this frequency shall be followed.
- Inspections shall be documented on the BMP Inspection and Maintenance Form.
- Inspectors should identify in particular:
  - Correct installation.
  - Effectiveness in controlling runoff, sediment transport, and erosion.
  - Damage that has occurred since the last inspection.
  - Required maintenance.
  - Evidence of erosion or other damage in the surrounding area.
- Inspect for uniform establishment of vegetation. (70% of the vegetative cover that would exist under normal site conditions constitutes final vegetative stabilization) Reseed areas as necessary.
- Removed sediment accumulations shall not be placed within any drainage, either above or below the BMP.
- Removed sediment shall be stabilized to prevent future migration from storm water runoff.
- Required repairs should be conducted immediately and documented in the current or next inspection record.

Environmental media (e.g. soil, sediment, surface and ground water) is not considered waste. However, contaminated environmental media may constitute solid waste and/or hazardous waste. If there is any potential for accumulated sediment to be contaminated, a waste determination must be made and documented. For guidance, see the Laboratory's LIRs on Radioactive Waste, Managing Solid Waste, and Hazardous and Mixed Waste Requirements for Generators.

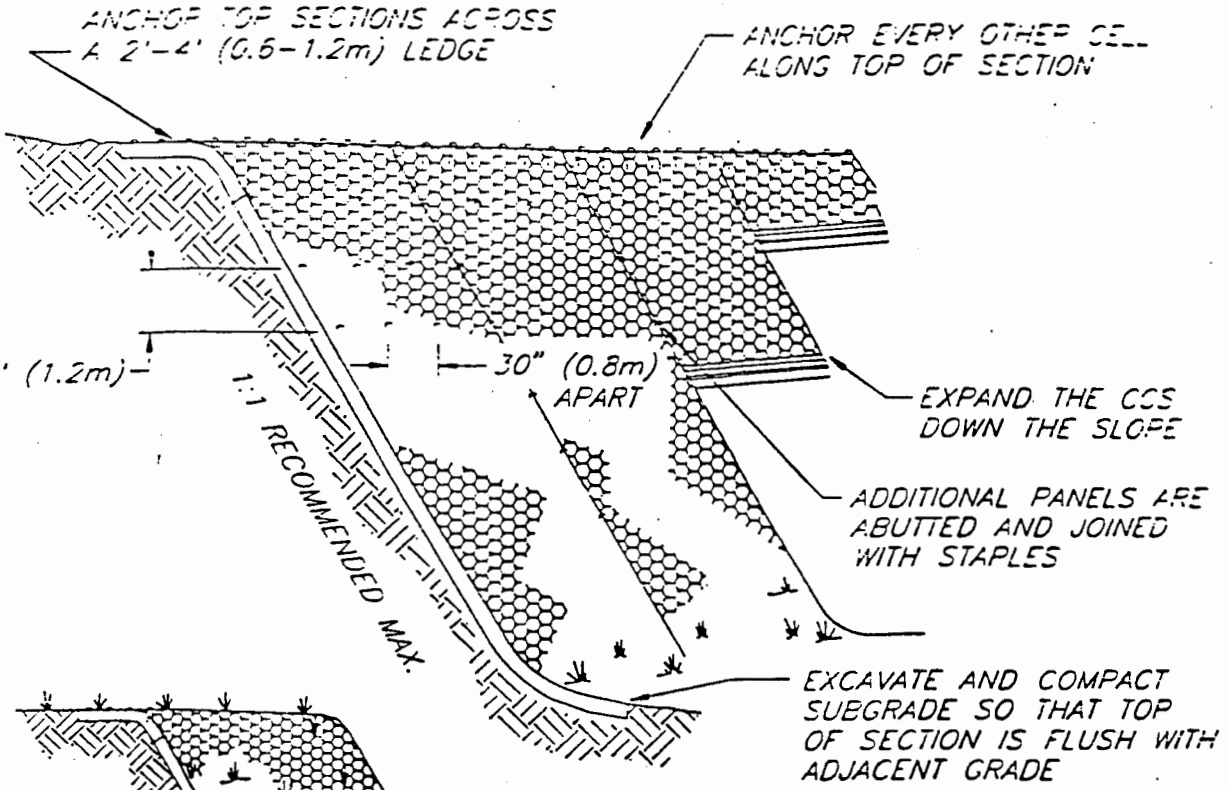
Inspection plans and records shall be maintained by the owner/operator, and made available for future regulatory inspections.

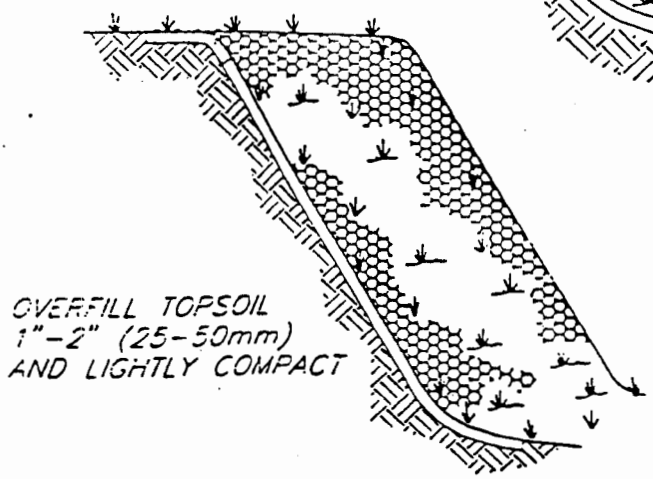
REMOVAL CRITERIA:

NONE (Cellular confinement is a permanent control)

For assistance with BMP selection, installation, or maintenance, please contact ESH-18 at 665-4752.

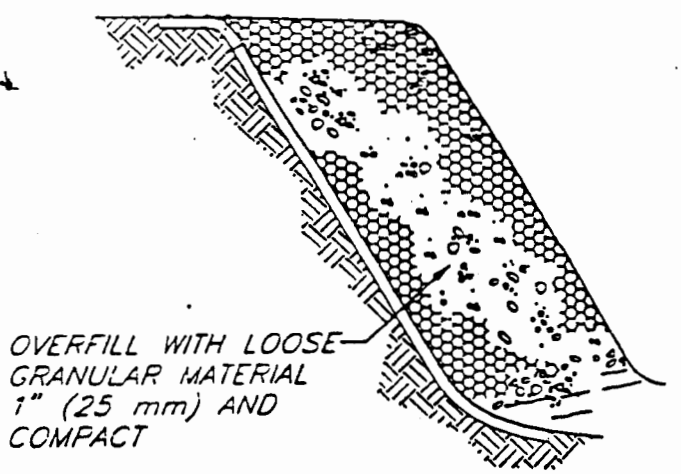
FOR SLOPE STABILIZATION





CCS INFILLED WITH TOPSOIL AND VEGETATED WITH GRASS

CCS INFILLED WITH AGGREGATE



NOTES:
1. SURFACE OF SLOPE SHALL BE LEVELED WITH GULLIES FILLED AND WELL COMPACTED.
2. SHAPE AND COMPACT SUBGRADE SURFACES TO DESIGN ELEVATIONS AND GRADES.
3. THE CELLS SHALL BE ANCHORED SECURELY TO PREVENT DISPLACEMENT AND DEFORMATION OF PANELS WHEN BACKFILLING.
4. INFILL FROM CREST OF THE SLOPE TO TOE TO PREVENT DISPLACEMENT. LIMIT DROP HEIGHT TO 3' (1m).

NOT TO SCALE

DRUM & CONTAINER STORAGE

DESCRIPTION:

Drum contents typically include product and waste oils or chemicals. Container storage includes all other types of containers, up to and including above ground storage tanks with a capacity of 660 gallons. Above ground storage tanks with a capacity greater than 660 gallons are subject to the Laboratory's SPCC Plan requirements. Drums and/or containers that are stored where a leak or spill could enter a storm drain, storm water conveyance, arroyo, floor drain, or reach surface water must have spill control provided.

SPILL CONTROL REQUIREMENTS:

Drums are typically stored horizontally in racks or cradles, or vertically off the ground. Racks should be located within a curbed area. Drums stored vertically should be placed on palletized containment units. Drums and containers stored outdoors should be covered to minimize contact with storm water. Typical covers include tarpaulins, plastic sheeting, roofs, buildings, or other enclosures. Drums and containers should not be stored in standing water. Within drum and container storage areas, spill kits with adequate material to contain minor spills should be available.

Secondary containment for drum and container storage may consist of curbing, temporary or permanent berms, prefabricated pallets, or prefabricated storage sheds. Because curbing is typically much smaller than berms, its use should be limited to small areas where the handling and transferring of materials occurs. For drums or containers used for dispensing or transferring materials, drip pans should be placed under the dispensing area. Secondary containment must be large enough to hold the volume of the largest container or 10 percent of the volume of all containers, whichever is greater. If storage is outdoors, the containment volume must also account for the volume of a 3 inch rainfall event.

Periodically, storm events are of such magnitude or frequency that water accumulations in secondary containment structures must be drained or disposed of. Storm water accumulations in secondary containment structures must meet federal and state water quality standards prior to being released. Contact ESH-18 at 665-4752 for assistance.

PROS:

- Prevents a spill or release from reaching surface water and/or the environment
- Easy to install
- Numerous prefabricated units available
- Minimize the area to be cleaned up in the event of a spill
- Cost of containment is typically cheaper than the cost of cleanup and waste disposal
- With exceptions, most spills or releases within a containment unit are not reportable to external agencies

CONS:

- Initial cost
- May impact drum or container accessibility

INSPECTION & MAINTENANCE:

Inspections should include an examination of storage containers for leaks, corrosion, support or foundation failure, and other forms of deterioration. They should also be used to ensure proper labeling and adequate security measures. Secondary containment structures should be inspected for signs of deterioration or damage. Inspections should encompass both informal observations by operating personnel and formal examinations conducted by supervisory personnel. Repairs should be conducted as soon as practicable.

Include and maintain a suitable records system for inspections and maintenance. Make sure records are complete and detailed. Inspection records should, at a minimum, include the following:

- When inspections were done,
- Who conducted the inspection,
- What areas were inspected,
- What problems were found,
- What steps were taken to correct problems, and
- Who was notified about any problems found.

For assistance with spill control requirements, secondary containment selection, inspection or maintenance, please contact ESH-18 at 665-4752.

ELECTRICAL TRANSFORMERS

DESCRIPTION:

Electrical transformers are an integral part of an electronic power distribution network and are widely spread throughout the Laboratory. These units vary in size, type of electrical insulating oil used, and in installation setup. The majority of the transformers at the Laboratory are self-contained, pad-mounted units that do not require additional storage requirements.

Dependent upon its location, a transformer has the potential to impact surface water in the event of a leak or rupture. For all electrical transformers at such locations, spill control is required.

SPILL CONTROL REQUIREMENTS:

The likelihood of containment failure of an individual transformer is relatively low. However, due to their large size and extensive use, transformers are considered a potential spill source. Secondary containment should be provided for pad-mounted units in close proximity to a watercourse, storm drain, or other storm water conveyances. Secondary containment may consist of curbing, trenching, temporary or permanent berms, or concrete sumps. Secondary containment should be large enough to hold the volume of the largest transformer.. If storage is outdoors, the containment volume should also account for the volume of a 3 inch rainfall event.

Periodically, storm events are of such magnitude or frequency that water accumulation in secondary containment structures must be drained or disposed of. Storm water accumulations in secondary containment structures must meet federal and state water quality standards prior to being released. Contact ESH-18 at 665-4752 for assistance.

PROS:

- Prevent a spill or release from reaching surface water and/or the environment
- Easy to install
- Minimize the area to be cleaned up in the event of a spill
- Cost of containment is usually cheaper than the cost of cleanup and waste disposal
- With exceptions, most spills or releases within a containment unit are not reportable to external agencies

CONS:

- Initial cost
- Some installations may impact transformer accessibility
- Retrofitting installations may be expensive

INSPECTION & MAINTENANCE:

Inspections should include an examination of transformers for leaks, corrosion, support or foundation failure, condition of pressure relief devices, and other forms of deterioration. They should also be used to ensure proper labeling and adequate security measures. Secondary containment structures should be inspected for signs of deterioration or damage. Inspections should encompass both informal observations by operating personnel and formal examinations conducted by supervisory personnel. Repairs should be conducted as soon as practicable.

Include and maintain a suitable records system for inspections and maintenance. Make sure records are complete and detailed. Inspection records should, at a minimum, include the following:

- When inspections were done,
- Who conducted the inspection,
- What areas were inspected,
- What problems were found,

- What steps were taken to correct problems, and
- Who was notified about any problems found.

For assistance with spill control requirements, secondary containment selection, inspection or maintenance, please contact ESH-18 at 665-4752.

SALVAGE AREAS

DESCRIPTION:

A salvage area is a geographic location used to store scrap equipment and material. These areas are located throughout the Laboratory and are also referred to as "boneyards". Salvage areas may house a variety of discarded equipment as well as waste that includes scrap metal, wire, drums, plastics, and lumber. A variety of spill sources may be located within salvage areas since discarded equipment may still contain lubricants, solvents, antifreeze, or other liquids. Leaching may also occur in waste material exposed to storm water.

SPILL CONTROL REQUIREMENTS:

Since salvage areas vary in size, terrain, and type of materials stored, spill control requirements should be applied on an individual basis. However, the following guidelines should be addressed when developing the spill control requirements:

- Identify potential pollutants and hazards within the area
- As appropriate, remove all fluids from discarded equipment
- As appropriate, provide drip pans, covering devices, or other secondary containment for sources of potential pollutants
- Where practicable, provide covering for salvage area materials to minimize contact with storm water
- Provide appropriate secondary containment for the area

The amounts and types of potential pollutants within salvage areas should be identified to determine secondary containment requirements. At a minimum, the salvage area should be bermed around the perimeter to contain runoff and potential pollutant transport. Other BMPs may also be used to divert runoff to either a treatment facility or a controlled area. Equipment that contains residual fluids should be provided with individual secondary containment. This may include drip pans, covering devices, berms, or curbing. Waste material that poses a threat to water quality due to leaching should be covered or stored within a bermed area.

Periodically, storm events are of such magnitude or frequency that water accumulation in secondary containment structures must be drained or disposed of. Storm water accumulations in secondary containment structures must meet federal and state water quality standards prior to being released. Contact ESH-18 at 665-4752 for assistance.

PROS:

- Prevent a spill or release from reaching surface water and/or the environment
- Easy to install
- Minimize the area to be cleaned up after a spill
- Cost of containment is usually cheaper than the cost of cleanup and waste disposal
- With exceptions, most spills or releases within a containment unit are not reportable to external agencies

CONS:

- Initial cost
- Some installations may impact equipment accessibility
- Retrofitting installations may be expensive

INSPECTION & MAINTENANCE:

Inspections should include an examination of salvage areas leaking equipment, soil stains associated with spills, erosion, and other forms of deterioration or damage. They should also be used to ensure adequate safety and security measures. Secondary containment structures should be inspected for signs of deterioration or damage. Inspections should encompass both informal observations by operating personnel and formal examinations conducted by supervisory personnel. Repairs should be conducted as soon as practicable.

Include and maintain a suitable records system for inspections and maintenance. Make sure records are complete and detailed. Inspection records should, at a minimum, include the following:

- When inspections were done,
- Who conducted the inspection,
- What areas were inspected,
- What problems were found,
- What steps were taken to correct problems, and
- Who was notified about any problems found.

For assistance with spill control requirements, secondary containment selection, inspection or maintenance, please contact ESH-18 at 665-4752.

HYDRAULIC EQUIPMENT

DESCRIPTION:

Hydraulic equipment is defined as any equipment that uses hydraulic fluids for its operation or maintenance. Such equipment is used extensively throughout the Laboratory and includes vehicles (forklifts, earth moving equipment, etc.), tools, maintenance equipment, and stationary operational and experimental equipment.

SPILL CONTROL REQUIREMENTS:

When not in use, non-stationary hydraulic equipment should be stored in areas that prevent or minimize contact with storm water. Stationary hydraulic equipment should be protected with covering or secondary containment to prevent contact with storm water. When equipment is mounted in rooms with floor drains that drain to the environment or to an industrial or sanitary sewer, floor drains should be protected. Spill kits or other appropriate material should be available within storage areas. Kits should contain material adequate for a minor spill.

The purpose of secondary containment is to contain spilled material for appropriate cleanup to and prevent contact with storm water outside the contained area. Secondary containment for hydraulic equipment storage areas may consist of curbing, temporary or permanent berms, drip pans, or sorbent material. Drip pans and sorbent material are most often used with stationary, indoor equipment. If storage is located outdoors the secondary containment volume should also account for the volume of a 3-inch rainfall event.

Periodically, storm events are of such magnitude or frequency that water accumulations in secondary containment structures must be drained or disposed of. Storm water accumulations in secondary containment structures must meet federal and state water quality standards prior to being released. Contact ESH-18 at 665-4752 for assistance.

PROS:

- Prevent a spill or release from reaching surface water and/or the environment
- Easy to install
- Minimize the area to be cleaned up after a spill
- Cost of containment is usually cheaper than the cost of cleanup and waste disposal
- With exceptions, most spill releases within a containment unit are not reportable to external agencies

CONS:

- Initial cost
- Some installations may impact equipment accessibility
- Retrofitting installations may be expensive

INSPECTION & MAINTENANCE:

Inspections should include an examination of hydraulic equipment for leaks, corrosion, stains on soil and equipment, and other forms of deterioration or damage. They should also be used to ensure proper labeling and adequate safety and security measures. Secondary containment structures should be inspected for signs of deterioration or damage. Inspections should encompass both informal observations by operating personnel and formal examinations conducted by supervisory personnel. Repairs should be conducted as soon as practicable.

Include and maintain a suitable records system for inspections and maintenance. Make sure records are complete and detailed. Inspection records should, at a minimum, include the following:

- When inspections were done,
- Who conducted the inspection,

- What areas were inspected,
- What problems were found,
- What steps were taken to correct problems, and
- Who was notified about any problems found.

For assistance with spill control requirements, secondary containment selection, inspection or maintenance, please contact ESH-18 at 665-4752.

AIR COMPRESSORS

DESCRIPTION:

Air compressors provide pressurized air to varied process equipment. This equipment is used extensively throughout the Laboratory and includes valves; instrumentation; and power tools such as drills, diggers, pile drivers, motors and grinders. Air compressors have receiver tanks that collect and store high-pressure air. As air is compressed, moisture in the air condenses and collects in the receivers. Oil used to lubricate the air compressor leaks into the compressed-air piping and also condenses into the receiver tank. This oil and water mixture must then be drained from the receiver tank and disposed of.

SPILL CONTROL REQUIREMENTS:

Air compressors located outdoors should be covered to minimize contact with storm water. When compressors are mounted indoors in rooms with floor drains that drain to the environment or to an industrial or sanitary sewer, floor drains should be protected.

To contain drain valve discharges and other sources of water and oil condensate, air compressors should be equipped with appropriate secondary containment. This containment may include, but is not limited to, curbing, temporary or permanent berms, drip pans, sorbent material or oil/water separators. Drip pans and sorbent material are most often used with indoor equipment. When located outdoors, the secondary containment volume should also account for the volume of a 3-inch rainfall event.

Storm water and condensate accumulations in secondary containment structures must meet federal and state water quality standards prior to being released. If the condensate is contaminated with oil, the water is a hazardous waste and requires treatment prior to discharge. Contact ESH-18 at 665-4752 for assistance.

To prevent the creation of hazardous waste, use of the Torpedo oil/water separator filter is recommended. This 20 inches long, 2-4 inch diameter filter is constructed from PVC. Within the PVC case is a filter comprised of shredded polypropylene sheets which absorb oil while allowing water to escape. The Torpedo should be attached to the drain valve of the receiver storage tank and to other components in compressed-air systems that collect water condensate. A white polypropylene pad should be placed beneath the discharge outlet of each Torpedo canister to monitor the filter's effectiveness. When the white pad turns yellow from oil in the discharge, the Torpedo requires replacement.

PROS:

- Prevent a spill or release from reaching surface water and/or the environment
- Easy to install
- Minimize the area to be cleaned up in the event of a spill
- Cost of containment is usually cheaper than the cost of cleanup and waste disposal
- With exceptions, most spill releases within a containment unit are not reportable to external agencies
- Torpedo unit prevents the production of hazardous waste.
- Torpedo unit is a relatively inexpensive device
- Spent Torpedo filters are not classified as hazardous waste

CONS:

- Initial cost for some types of secondary containment
- Some installations may impact equipment accessibility
- Retrofitting installations may be expensive (dependent upon type of containment)
- Requires periodic inspection
- Requires periodic replacement

INSPECTION & MAINTENANCE:

Inspections should include an examination of air compressors for leaks, corrosion, stains on soil and equipment, and other forms of deterioration or damage. They should also be used to ensure proper labeling and adequate safety and security measures. Secondary containment structures should be inspected to ensure proper function and to identify signs of deterioration or damage. Inspections should encompass both informal observations by operating personnel and formal examinations conducted by supervisory personnel. Repairs and/or filter replacements should be conducted as soon as practicable.

Include and maintain a suitable records system for inspections and maintenance. Make sure records are complete and detailed. Inspection records should, at a minimum, include the following:

- When inspections were done,
- Who conducted the inspection,
- What areas were inspected,
- What problems were found,
- What steps were taken to correct problems, and
- Who was notified about any problems found.

For assistance with spill control requirements, secondary containment selection, inspection or maintenance, please contact ESH-18 at 665-4752.

APPENDIX A

REFERENCES

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Appendix B

BMP Maintenance and Inspection Form

This inspection form is to be used to document all BMP inspections. For active field operations, inspections shall be conducted weekly and following each storm event producing greater than 0.5 inches of precipitation. When site activity has ceased and significant surface runoff is not likely (arid season), inspections shall be conducted at least every other month and following each storm event producing greater than 0.5 inches of precipitation. Inspection records shall be maintained by the owner/operator, and made available for future regulatory inspections.

BMP Inspection and Maintenance Form

Site or Project Name: _____

Inspector's Name: _____ Date: _____

Total Amount of Rainfall within the Last 7 Days (Inches): _____

Complete the table below with the applicable YES, NO, or N/A.*

List BMP type and location within site.	BMP Installed correctly?	BMP Is effective in controlling:			Has damage occurred since the last inspection?	Is maintenance required?	Is there accumulated sediment?	Sediment require removal?	Is there erosion or other potential pollutant sources in the area?
		Storm Water Runoff	Sediment Transport	Erosion					
1)									
2)									
4)									
5)									

* Clarify YES, NO, and N/A observations from the table in the sections below.

Observations: _____

Required Maintenance: _____

Maintenance to be conducted by: _____

Inspector's Signature: _____

REFERENCE

Limits for Qualitative Detection and Quantitative Determination, Application to Radiochemistry

RSI RESPONSE
PRS 21-024(i) INTERIM ACTION PLAN

Limits for Qualitative Detection and Quantitative Determination

Application to Radiochemistry

Lloyd A. Currie

Analytical Chemistry Division, National Bureau of Standards, Washington, D. C. 20234

The occurrence in the literature of numerous, inconsistent and limited definitions of a detection limit has led to a re-examination of the questions of signal detection and signal extraction in analytical chemistry and nuclear chemistry. Three limiting levels have been defined: L_C—the net signal level (instrument response) above which an *observed* signal may be reliably recognized as "detected"; L_D—the "true" net signal level which may be *a priori* expected to lead to detection; and L_Q—the level at which the measurement precision will be satisfactory for quantitative determination. Exact defining equations as well as series of working formulae are presented both for the general analytical case and for radioactivity. The latter, assumed to be governed by the Poisson distribution, is treated in such a manner that accurate limits may be derived for both short- and long-lived radionuclides either in the presence or absence of interference. The principles are illustrated by simple examples of spectrophotometry and radioactivity, and by a more complicated example of activation analysis in which a choice must be made between alternative nuclear reactions.

IN THE COURSE of research dealing with photonuclear reactions and activation analysis, it became necessary to determine limits of detection of radiochemical procedures, to select among alternative procedures, and to optimize given procedures with respect to certain experimental parameters. Examination of the analytical and radiochemical literature for an appropriate definition of the limit of detection revealed a plethora of mathematical expressions and widely-ranging terminology. One encounters, for example, terms such as lower limit of detection (*1*), detection sensitivity (*2*), sensitivity (*3*), minimum detectable activity (or mass) (*4*, *5*), and limit of guarantee for purity (*6*)—all used with approximately equivalent meanings. The nomenclature problem is compounded, however, because other authors make use of the same, or very similar, terms to refer not to the minimum amount that may be *detected*, but rather, to the minimum amount which may be *determined* with a given relative standard deviation (such as 10%). Still other expressions, such as the "detection limit at the 95% confidence level" are used without explicit mathematical definition, which leaves the meaning rather ambiguous. The various mathematical definitions of detection limit (or its equivalent) range from one to twenty times the standard deviation of the net signal, with the standard deviation of the blank sometimes replacing

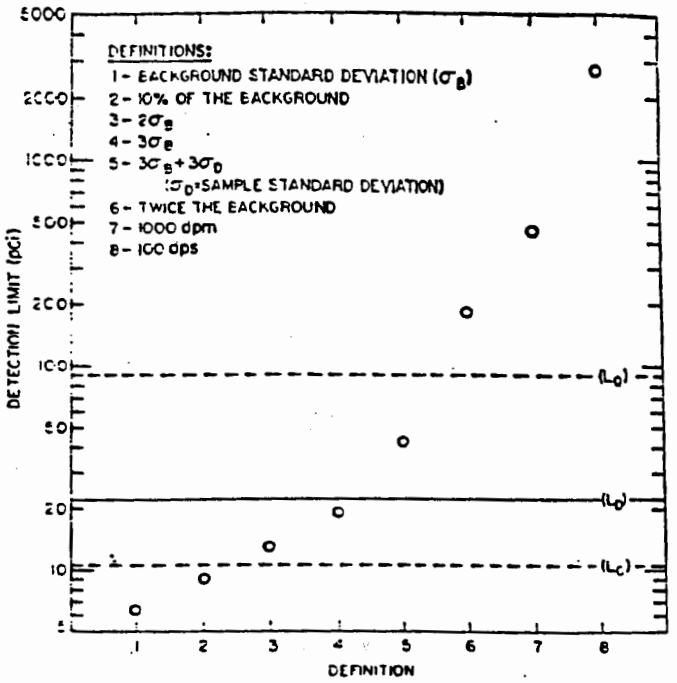


Figure 1. "Ordered" detection limits—literature definitions

The detection limit for a specific radioactivity measurement process is plotted in increasing order, according to commonly-used alternative definitions. L_C, L_D, and L_Q are the critical level, detection limit, and determination limit as derived in the text

that of the net signal. Some authors apply two-sided confidence intervals, while others use one-sided intervals. In addition, various "nonstatistical" definitions appear in which the detection limit is equated to the background, 10% of the background, 100 dps (γ-radioactivity), or 1000 dpm (α-, β-,γ-radioactivity). In order to compare some of the more commonly-used definitions, "detection limits" have been calculated for a hypothetical radioactivity experiment in which a long-lived γ-emitter was counted for 10 min with an efficiency of 10%, using a detector having a background of 20 cpm. The results, plotted in increasing order in Figure 1, are obviously unsatisfactory, for they encompass nearly three orders of magnitude!

In what follows, it will be seen that a complete discussion of the (lower) limits for a measurement process requires the introduction of three specific levels: (1) a "decision limit" at which one may decide whether or not the result of an analysis indicates detection, (2) a "detection limit" at which a given analytical procedure may be relied upon to lead to detection, and (3) a "determination limit" at which a given procedure will be sufficiently precise to yield a satisfactory quantitative estimate. Following definition of the three levels, an attempt will be made to indicate their relations to the various definitions referred to previously, and to give asymptotic expressions which

(1) B. Altshuler and B. Pasternack, *Health Physics*, 9, 293 (1963).
(2) J. Wing and M. A. Wahlgren, ANAL. CHEM., 39, 85 (1967).
(3) R. C. Koch, "Activation Analysis Handbook," Academic Press, New York, N. Y., 1960.
(4) D. E. Watt and D. Ramsden, "High Sensitivity Counting Techniques," Macmillan Co., New York, N. Y., 1964.
(5) "A Manual of Radioactivity Procedures," Handbook 80, [illegible] of Standards, Washington, D. C., 1961

The general expressions for detection and determination will be applied to radioactivity be means of the assumption of "Poisson counting statistics." In order to make the concepts generally useful, particularly in the fields of nuclear chemistry and activation analysis, the formulae will be generalized to take into account both long- and short-lived radioactivity, continuously-variable measurement parameters (such as discriminator settings), and radioactivity measurements in the presence of interfering radionuclides.

GENERAL PRINCIPLES

Part of the following discussion appears elsewhere in the literature in somewhat different form, for example, in References (*1* and *6*). The purpose of this section is to bring together the concepts of qualitative and quantitative analysis limits, to clearly show the relationships between an *a posteriori* decision with the related confidence interval and an *a priori* "detectability," and to lay the groundwork for general application to the detection of radioactivity, to be discussed in the following section. Readers who wish fuller explication of the underlying statistical principles and methods—particularly those relating to hypothesis testing, probability distributions, and the estimation of statistical parameters—may find it helpful to consult a basic statistics text, such as Dixon and Massey (7).

Definitions and Notation. The process of measurement (experimental procedure) must be completely defined—including the measuring apparatus, method of observation, and sample nature—in order to draw valid conclusions with respect to detection capabilities. In general, the physical quantity of interest (mass, number of atoms, nuclear cross section, etc.) is not directly measurable, but is connected to that which is observed (digital counts, voltmeter deflection, etc.) through a calibration constant. The statistics of *detection* and *determination* apply directly to the observations rather than to the underlying physical quantity, and therefore, the following discussions will deal specifically with the observed (or observable) *signal* (meter reading) and its associated random fluctuations. Statistical conclusions drawn in terms of the net signal may be very simply extended to the related physical quantity by means of the calibration factor.

Symbols will be defined, in general, as they appear in the text, but it may be helpful initially to list the following:

Blank:	μ_B	limiting mean (or "true" mean)
	B	observed value
	σ_B	standard deviation
Gross Signal:	μ_{S+B}	limiting mean
	$(S + B)$	observed value
	σ_{S+B}	standard deviation
Net Signal:	$\mu_S = \mu_{S+B} - \mu_B$	limiting mean
	$S = (S + B) - B$	value derived from an observation pair
	$\sigma_S = (\sigma^2_{S+B} + \sigma^2_B)^{1/2}$	standard deviation

The *blank* is defined as the signal resulting from a sample which is identical, in principle, to the sample of interest, except that the substance sought is absent (or small compared to σ_B). The blank thus includes the effects of interfering species.

Qualitative Analysis. It is vital at the outset to distinguish between two fundamental aspects of the problem of detection: (1) given an observed (net) signal, S, one must decide whether a *real* signal has been detected—*i.e.*, whether μ_S [illegible] given a completely-specified measurement process, c[illegible] estimate the minimum *true* signal, μ_S, which may be expected to yield a sufficiently large observed signal, S, that it will be *detected*. The first aspect thus relates to the making of an *a posteriori*, *binary* (qualitative) *decision* based upon the observation, S, and a definite criterion for detection. Following such a decision one should establish either an upper limit (if "not detected") or a confidence interval (if "detected"). The second aspect relates to the making of an *a priori estimate* of the detection capabilities of a given measurement process.

Let us consider first the *a posteriori* problem. Following an experimental observation, one must decide whether or not that which was being sought was, in fact, detected. Formally known as Hypothesis Testing, such a binary, qualitative decision is subject to two kinds of error: deciding that the substance is present when it is not (α; error of the first kind), and the converse, failing to decide that it is present when it is (β; error of the second kind). The maximum acceptable value for α, together with the standard deviation, σ_0, of the net signal when $\mu_S = 0$ establish the *Critical Level*, L_C, upon which decisions may be based. Operationally, an observed signal, S, must exceed L_C to yield the decision, "detected." Thus, the probability distribution of possible outcomes, when the true (net) signal is zero, intersects L_C such that the fraction, $1 - \alpha$, corresponds to the (correct) decision, "not detected."

Once L_C has been defined, an *a priori Detection Limit*, L_D, may be established by specifying L_C, the acceptable level, β, for the error of the second kind, and the standard deviation, σ_D, which characterizes the probability distribution of the (net) signal when its true value (limiting mean), μ_S, is equal to L_D. (Identification of the "true" net signal with the limiting mean assumes the absence of systematic errors. As with most discussions of detection limits, we assume that the entire measurement process may be replicated, so that errors become random in nature. Systematic errors in a calibration factor, connecting the net signal to the desired physical property, are not involved at this stage.) L_D is defined so that the probability distribution of possible outcomes (when $\mu_S = L_D$) intersects L_C such that the fraction, $1 - \beta$, will correspond to the (correct) decision, "detected." The detection limit, defined in this manner, is equivalent to the "limit of guarantee for purity" of Kaiser (*6*) and the "minimum detectable true activity" of Altshuler and Pasternack (*1*). The significance of this particular form for the definition is that it allows one to determine, for a given measurement process, the smallest (true) signal which will be "detected" with a probability $1-\beta$, where the *a posteriori* decision mechanism has a built-in protection-level α, against falsely concluding that a blank observation represents a "real" signal. True signals, μ_S, lying between zero and L_D will have larger values for β, and therefore, although they may be "detected," such detection cannot be considered reliable.

Mathematically, the critical level is given as

$$L_C = k_\alpha \sigma_0 \quad (1)$$

and the detection limit,

$$L_D = L_C + k_\beta \sigma_D \quad (2)$$

where k_α and k_β are abscissas of the standardized normal distribution corresponding to probability levels, $1 - \alpha$ and $1 - \beta$. The relationships between L_C, L_D, and the probability distributions for $\mu_S = 0$ and $\mu_S = L_D$ are depicted in Figure 2, where μ_B represents the limiting mean for the blank distribution, and μ_{S+B} represents the limiting mean for the (observed) signal-plus-blank distribution.

(7) W. J. Dixon and F. J. Massey, Jr., "Introduction to Statistical Analysis," 2nd ed., McGraw-Hill, New York, N. Y., 1957.

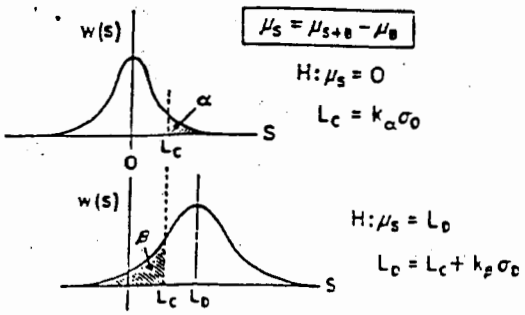


Figure 2. Hypothesis testing

Errors of the first and second kinds

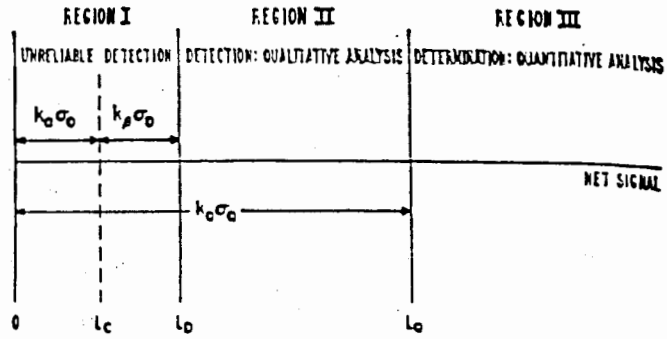


Figure 3. The three principal analytical regions

Confidence Interval and Upper Limit. The preceding discussion implied that one need do no more than compare an experimental result with the decision level in order to draw a qualitative conclusion. In most cases, however, one has available an estimate of the net signal, S, and its standard deviation, σ, may be known. An interval may then be stated for μ_S, based upon $z_{1-\gamma/2}\sigma$ and corresponding to the confidence level, $1 - \gamma$. ($z_{1-\gamma/2}$ is the critical value for the standardized normal distribution such that Prob $\{z \leq z_{1-\gamma/2}\} = 1 - \gamma/2$.) If the net signal and its standard deviation are estimated by means of replication, S is replaced by $\bar{S}$; σ, by $s/\sqrt{n}$; and $z_{1-\gamma/2}\sigma$, by $t_{1-\gamma/2} \cdot s/\sqrt{n}$. (Here, s represents the standard deviation estimate computed from n-observations, and $t_{1-\gamma/2}$ represents the critical value for the Student's $-t$ distribution corresponding to $n - 1$ degrees of freedom.)

(1) If S(or $\bar{S}$) $> L_C$, the decision, "detected," should be reported, and a symmetrical confidence interval should be given: $S \pm z_{1-\gamma/2}\sigma$ (or $\bar{S} \pm t_{1-\gamma/2}s/\sqrt{n}$) where $z_{1-\gamma/2}$ (or $t_{1-\gamma/2}$) refers to a two-sided confidence interval.

(2) If S(or $\bar{S}$) $\leq L_C$, the decision, "not detected," should be reported, and an upper limit should be given: $S + z'_{1-\gamma}\sigma$ (or $\bar{S} + t'_{1-\gamma}s/\sqrt{n}$) where $z'_{1-\gamma}$ (or $t'_{1-\gamma}$) refers to the one-sided confidence interval. (The prime is here used to emphasize *one-sided.*)

Note that in the special case where $\sigma = \sigma_0$, and $z'_{1-\gamma}$ is employed, L_C is numerically equal to $z'_{1-\gamma}\sigma$. This leads to the common, mistaken practice of equating $z'_{1-\gamma}\sigma$ with the "detection limit [(95%) confidence level]." Such a statement is seriously in error because the detection limit cannot be characterized by a single "confidence level," and because it confuses the decision-making quantity ($z'_{1-\gamma}\sigma = L_C$) with L_D, which is used to assess the *a priori* detectability. To the extent that $\sigma \approx \sigma_0$, which may be satisfactory if σ is approximately constant in the region between zero and L_D, the use of $z'_{1-\gamma}\sigma$ (one-sided) to test a given result is exactly equivalent to the use of L_C for this purpose.

A second possible mistake is the confusion of an *a posteriori upper limit* with the *a priori detection limit.* Here again, the two may coincide, if the net signal happens to be L_C, and if $\sigma \approx \sigma_D$ and the one-sided confidence interval is employed. Such a coincidence is not accidental, for the detection limit is, by definition, the maximum upper limit. It must be remembered, however, that, in general, the upper limit depends upon the specific experimental result, S, whereas the detection limit *must be* independent of S, depending, rather, upon the measurement process itself.

Finally, the difference between $z\sigma$ and $t \cdot s/\sqrt{n}$ should be discussed. The use of the latter, which depends upon the variance estimate resulting from n-observations, is clearly "safer" in that it takes into account possible lack of knowledge of σ. On the other hand, if σ in the region between zero and L_D is reasonably well-known (from "theory" or extensive observation), and especially if it is approximately constant, more realistic intervals and upper limits would be set through its use rather than $s/\sqrt{n}$. (Of course, $\sigma/\sqrt{n}$, replaces σ, when $\bar{S}$ is used in place of S). If σ is not approximately known, and in control, in the region below L_D, it is impossible, *in principle*, to estimate a limit of detection. In any case, replicates are most desirable, if possible, and the estimate, $s/\sqrt{n}$, should be consistent with $\sigma/\sqrt{n}$, if the measurement process remains "in control." [An exactly equivalent, and somewhat preferable, scheme for treating replication, would include the number of observations, n, as a part of the definition of the measurement process. The standard deviation of the mean of n-observations would then be simply σ (for the over-all process) rather than $\sigma/\sqrt{n}$. The use of $s/\sqrt{n}$ to test control rather than to set limits would be achieved by routine evaluation of s^2/σ^2, which should be within limits set by the distribution of χ^2/ν.]

Quantitative Analysis. Neither a binary decision, based upon L_C, nor an upper limit, nor a wide confidence interval may be considered satisfactory for quantitative analysis. One wishes instead a result which is satisfactorily close to the true value (limiting mean). Therefore, for $\mu_S = L_Q$, the *Determination Limit*, the standard deviation, σ_Q, must be but a small fraction of the true value. Such a definition is similar to that used by Adams, Passmore, and Campbell who defined a "minimum working concentration" as that for which the relative standard deviation was 10% (*8*).

The *Determination Limit* so defined is,

$$L_Q = k_Q \sigma_Q \tag{3}$$

where L_Q is the true value of the net signal, μ_S, having a standard deviation, σ_Q, and $1/k_Q$ is the requisite relative standard deviation.

By way of summary, the levels L_C, L_D, and L_Q are determined entirely by the error-structure of the measurement process, the risks, α and β, and the maximum acceptable relative standard deviation for quantitative analysis. L_C is used to test an experimental result, whereas L_D and L_Q refer to the capabilities of measurement process itself. The relations among the three levels and their significance in physical or chemical analysis appear in Figure 3.

Special Cases (numerical results). In order to make the significance of Equations 1–3 clearer, a number of specific choices for α, β, and the various σ's may be helpful.

(8) P. B. Adams, W. O. Passmore, and D. E. Campbell, paper No. 14, "Symposium on Trace Characterization—Chemical and Physical," National Bureau of Standards (Oct. 1966).

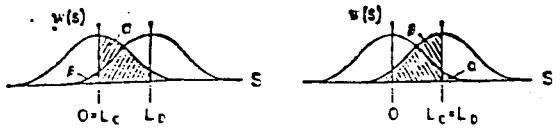


Figure 4. Extreme limits for L_c

The left-hand diagram indicates coincidence of L_C with zero; hence $\alpha = 0.50$. The right-hand diagram indicates coincidence of L_C with L_D; hence $\beta = 0.50$

1. $\alpha = \beta$; σ = constant. If the risks of making both kinds of mistake are set equal, then $k_\alpha = k_\beta = k$, and

$$L_C = k\sigma_0 \tag{4a}$$

$$L_D = L_C + k\sigma_D = k(\sigma_0 + \sigma_D) \tag{4b}$$

If, in addition, σ is approximately constant,

$$L_C = k\sigma \tag{5a}$$

$$L_D = 2k\sigma = 2L_C \tag{5b}$$

In this case, the detection limit is just twice the critical level—a situation which obtains in the large majority of cases. Assuming that risks of 5% are acceptable, and that the random errors are normally-distributed, the constant, k, takes on the value, 1.645. The standard deviation of the net signal is derived from

$$\sigma^2 = \sigma^2_{S+B} + \sigma_B^2 \tag{6}$$

where σ^2_{S+B} represents the variance of the "gross" (directly-observed) signal and σ_B^2 represents the variance of the blank. If the standard deviation is approximately independent of the signal level, then

$$\sigma^2 = \sigma^2_{S+B} + \sigma_B^2 = 2\,\sigma_B^2 \tag{7}$$

Making the additional requirement that $k_Q = 10$—*i.e.*, that $\sigma_Q \approx 10\%$—we find that

$$L_Q = k_Q\sigma_Q = 10\sigma \tag{8}$$

The above results are summarized in Table I, which may be used to provide convenient "working" formulae for the large majority of problems. The first row is derived assuming equivalent observations of sample (plus blank) and blank, while the second row, which differs by $1/\sqrt{2}$, assumes that a long history of observations of the blank make the second term on the right in Equation 6 negligible.

2. Fixed L_D; varying (α,β). For a given measurement process specification of α fixes L_C. Similarly, specification of L_C or α together with the specification of β fixes L_D. For a given L_D, however, an infinite set of combinations (α,β) exist depending upon the location of L_C. For example, the value for L_D resulting from the above choice, $\alpha = \beta = 0.05$, would also obtain for all choices of L_C between zero and L_D. The extremes, $L_C = 0$ and $L_C = L_D$ (still assuming $\sigma_D = \sigma_0$), correspond to $(\alpha,\beta) = (0.5, 0.0005)$ and $(\alpha,\beta) = (0.0005, 0.5)$, respectively (see Figure 4).

3. $\mu_B = 0$. Because the above equations do not involve the magnitude of the background, *per se*, but only its standard deviation, there is no change. Such a state of affairs is reasonable, for a background of any magnitude can be set equal to zero simply by a change of scale; such a change cannot be expected to alter the detection limit.

4. $\sigma_B = 0$. In this case, the effect is profound. L_C is necessarily zero, and any net positive signal definitely indicates detection ($\alpha = 0$). $L_D = k_\beta\sigma_D$, and $L_Q = k_Q\sigma_Q$, where σ_D and σ_Q now depend upon the net signal only.

Table I. "Working" Expressions for L_C, L_D, L_Q.*

	L_C	L_D	L_Q
Paired observations	$2.33\,\sigma_B$	$4.65\,\sigma_B$	$14.1\,\sigma_B$
"Well-known" blank	$1.64\,\sigma_B$	$3.29\,\sigma_B$	$10\,\sigma_B$

* Assumptions: $\alpha = \beta = 0.05$; $k_Q = 10$; $\sigma = \sigma_0$ = const.

5. $\sigma^2_{S+B} = \mu_S + \mu_B$. Poisson statistics—to be discussed below under radioactivity. The standard deviation may not be assumed constant; it increases with signal level.

6. α or $\beta = 0.50$. If one is willing to tolerate a 50% error in wrongly identifying a false signal or in missing a true signal, either L_C becomes zero or $L_C = L_D$. That is, under these circumstances, the pair of levels, L_C and L_D, give the appearance of just a single level. This is illustrated in Figure 4. If both risks are set at 50%, then both levels coincide with zero. Therefore, any positive, net signal will be recognized as "real," and any nonzero "true" level in a sample will be "detectable." (That is, the detection limit is in fact zero!) However, such fantastic detection capabilities must be viewed with caution, for regardless of whether $\mu_S = 0$, or if it is just above the limit of detection, the conclusion will be wrong 50% of the time, and therefore the experiment could be performed equally well by the flipping of a coin.

RADIOACTIVITY

Signal Detection. Application of the foregoing considerations to radioactivity involves the fact that the gross "signal" and "blank" observations are in digital form which in most cases may be assumed to be governed by the Poisson distribution. (Extra, non-Poisson variability of the blank is discussed below, under "Interference and Background.") If the numbers of counts are sufficiently large, the distributions are approximately Normal, and we may therefore readily estimate the variance of the net signal and establish approximate levels of confidence and significance. Under such circumstances, the variance of the net signal (number of counts) is given by

$$\sigma^2 = \sigma^2_{S+B} + \sigma^2_{\bar{B}} = (\mu_S + \mu_B) + \frac{\mu_B}{n} \tag{9}$$

($\bar{B}$ is assumed to have been derived from n-observations of the blank.) Note that σ is not independent of signal level as was assumed in Table I. Its variation over the range $\mu_s = 0$ to $\mu_s = L_D$ is trivial if μ_B is large, however. If $\mu_B = 10$ counts, $\sigma_D/\sigma_0 \approx 1.5$ (n-large). In the limit $\mu_B = 0$, $\sigma_D/\sigma_0 = \infty$, because $\sigma_0 = 0$. This requirement, that $\sigma_0 = 0$ and $L_C = 0$ if $\mu_B = 0$, is peculiar to the Poisson distribution, and represents one of the principal differences between the "general" case and that of radioactive decay.

Remembering that σ_0^2 is the variance when $\mu_S = 0$, and that σ_D^2 is the variance when $\mu_S = L_D$, we obtain

$$L_C = k_\alpha\,\sigma_0 = k_\alpha\,(\mu_B + \sigma^2_{\bar{B}})^{1/2} \tag{10}$$

$$L_D = L_C + k_\beta\sigma_D = L_C + k_\beta\,(L_D + \sigma_0^2)^{1/2} \tag{11}$$

Solving Equations 10 and 11 for L_D, leads to

$$L_D = L_C + \frac{k_\beta^2}{2}\left\{1 + \left[1 + \frac{4L_C}{k_\beta^2} + \frac{4L_C^2}{k_\alpha^2 k_\beta^2}\right]^{1/2}\right\} \tag{12}$$

Table II. "Working" Expressions for Radioactivity

	L_C (counts)[a]	L_D (counts)	L_Q (counts)
Paired observations			
($\sigma_B^2 = \mu_B$)	$2.33\sqrt{\mu_B}$	$2.71 + 4.65\sqrt{\mu_B}$	$50\left\{1 + \left[1 + \frac{\mu_B}{12.5}\right]^{1/2}\right\}$
"Well-known" blank			
($\sigma_B^2 = 0$)	$1.64\sqrt{\mu_B}$	$2.71 + 3.29\sqrt{\mu_B}$	$50\left\{1 + \left[1 + \frac{\mu_B}{25}\right]^{1/2}\right\}$
Zero blank ($\mu_B = 0$)	0	2.71	100
Asymptotic ratio[b,c] (S/σ_B)	1.64	3.29	10

[a] Dimensions (counts) apply to the first three rows only.
[b] "Well-known" blank case; for paired observations, multiply by $\sqrt{2}$.
[c] Correct to within 10% if $\mu_B \geq 0$, 67, 2500 counts, respectively, for each of the three columns. For paired observations, $\mu_B \geq 0$, 34, 1250 counts, respectively.

Estimates of the mean value and the standard deviation of the blank thus allow the calculation of L_C and L_D for selected values of α and β by means of Equations 10 and 12. A considerable simplication takes place if $k_\alpha = k'_\beta = k$. Equation 12 then reduces to the form,

$$L_D = k^2 + 2L_C \tag{13}$$

Equation 13 differs by the term, k^2, from that arising in the previous discussion in which the "reasonable" assumption was made that $\sigma^2 \approx$ const. Thus, even if $\sigma_B = 0 = L_C$, we see that L_D may never be equal to zero. The determination limit, L_Q, is given by

$$L_Q = k_Q\sigma_Q = k_Q\,(L_Q + \sigma_0^2)^{1/2} \tag{14}$$

which may be solved to yield

$$L_Q = \frac{k_Q^2}{2}\left\{1 + \left[1 + \frac{4\sigma_0^2}{k_Q^2}\right]^{1/2}\right\} \tag{15}$$

Again, convenient "working" expressions may be derived from Equations 9, 13, and 15 for measurements in which $\alpha = \beta = 0.05$, and $k_Q = 10$. These expressions are given in Table II.

Especially simple "working" expressions may be stated when the number of background counts, μ_B, is "large." Such simplified expressions, presented in terms of the ratio of the net signal to the standard deviation of the background ("signal/noise"), appear in the bottom row of Table II. Note the correspondence of the asymptotic ratios to the "working" expressions in Table I.

The occurrence of nonintegral values for L_D and L_Q in Table II is not at all inconsistent with integral, Poisson distributions, because L_D and L_Q represent the means of such distributions, and such means may take on any positive value, integral or nonintegral. L_C, on the other hand, represents a decision level against which an integral, experimental result must be compared. An exact, Poisson treatment would thus lead to an integer for L_C, but only discrete values for α would then be possible. The magnitude of the error in significance level, due to the assumption of normality, is worth considering with respect to the data in Table II. For example, L_D is there given as 2.71 counts for the zero blank case, and this is supposed to correspond to $\beta = 0.05$. Examination of the correct, Poisson distribution shows that the probability of observing $S = L_C = 0$ counts when $\mu_S = L_D = 2.71$ is approximately 0.07 instead of the desired 0.05.

Interference and Background. Thus far, μ_B and σ_B have been used to refer to the "blank." In observations of radioactivity one frequently approaches the situation where the blank is due only to background radiation. When such is not the case, it may be desirable to decompose the blank into its separate components: background and interfering activities. Using b to denote background and I to denote interference, the above quantities take the form,

$$\mu_B = \mu_b + \mu_I \tag{16}$$

$$\sigma_B^2 = \sigma_b^2 + \sigma_I^2 \tag{17}$$

If the variances, σ_b^2 and σ_I^2, arise from the Poisson distribution, they will be equal to the respective mean values, μ_b and μ_I; if the interference has instead a fixed relative standard deviation, f_I, its variance will be equal to $(f_I\mu_I)^2$. The distinction between these two situations may sometimes be quite critical in fixing the detection limit. Its significance in choosing between alternative detection systems will be discussed in a separate publication. Note that the situation may also come about where $\mu_I = 0$, but σ_I^2 corresponds to an extra (non-Poisson) component of variance. Such extra variance, which may arise from cosmic ray variations or instrument instability, must be included in the estimate of σ_0^2 and, hence, in the estimates of L_C, L_D, and L_Q.

Limits for the Related Physical Quantities. In order to make the decision, "detected" or "not detected," one needs to know only the net number of counts resulting from a specific experiment, and the critical number of counts, L_C. Limits for qualitative and quantitative analysis and upper limits or confidence intervals for actual results, however, are of value only when expressed in terms of the physical quantity of interest, such as grams or atoms. The connection is simply made by means of the relevant calibration factor. For example, the detection limit, L_D, may be related to the minimum detectable mass, m_D(g), by means of Equation 18,

$$L_D = Km_D \tag{18}$$

where K represents an overall calibration factor relating the detector response to the mass present. Thus, K would be equal to unity for direct (ideal) weighing; it would be equal to the absorbance per gram for spectrophotometry if the

sample cross-section is fixed; it would be equal to the number of counts per gram for activation analysis.

Although the constant, K, is not involved directly in the statistics of the detection limit, its role is fundamental, and it must be included when choosing between experimental procedures or in optimizing a given procedure. For the particular case of nuclear activation,

$$K = P(\Sigma)S(\lambda,\tau)T(\lambda,t,\Delta t)\epsilon(x) \tag{19}$$

where P = production rate (nuclei/g-sec)

S = saturation factor = $1 - e^{-\lambda\tau}$

T = $(e^{-\lambda t}/\lambda)(1 - e^{-\lambda\Delta t})$ (seconds) (a generalized counting interval relating initial counting rate to observed number of counts).

ϵ = detection efficiency (counts/disintegration) (chemical yield may be incorporated in ϵ, when appropriate).

Σ and λ are characteristic of the nuclear reaction being utilized; they represent the reaction cross section (cm²) and product decay constant (sec⁻¹), respectively. τ, t, and Δt are the times (sec) for activation, delay (decay), and counting, respectively. x represents a variable detection parameter, such as absorber thickness, discriminator setting, etc. A similar expression may be written for the mean number of counts from an interfering radionuclide:

$$\mu_I = m_I\,[P(\Sigma_I)S(\lambda_I,\tau)T(\lambda_I,t,\Delta t)\epsilon_I(x)] \tag{20}$$

the mean number of background counts is given by

$$\mu_b = b(x)\Delta t \tag{21}$$

where $b(x)$ is the background rate, which also may depend upon the detection parameter, x. The preceding expressions may be incorporated into a single equation for the mass-detection limit:

$$m_D = \frac{k^2 + 2k\,[\mu_b + \sigma_b^2 + \mu_I + (f_I\mu_I)^2]^{1/2}}{P(\Sigma)S(\lambda,\tau)T(\lambda,t,\Delta t)\epsilon(x)} \tag{22}$$

Equation 22, although somewhat complicated, allows one to calculate the minimum detectable mass for a given activation-detection procedure, where there are no *a priori* restrictions placed upon the half-life of the product radionuclide (long- *vs.* short-lived) and where interference may be considered in a completely general and unrestricted manner. In order to include more than one interfering radionuclide, one simply replaces μ_I by $\sum\mu_I$ and $(f_I\mu_I)^2$ by $\sum(f_I\mu_I)^2$. If the variances of background and interference are governed by the Poisson distribution and if they are determined by "equivalent" observations, the radical in the numerator of Equation 22 takes the simpler form: $(2\mu_b + 2\mu_I)^{1/2}$. If the variances are negligible, the radical becomes $(u_b + \mu_I)^{1/2}$.

Systematic errors in calibration factors are not a part of the present discussion. Such errors can in no way affect the critical level, L_C, because L_C refers only to the instrumental response at which the decision is made—"detected" or "not detected." All physical quantities deduced from L_D, L_Q, or an "observed" net signal, however, contain uncertainties due to calibration factor errors. Because the calibration factor error is here considered systematic, while the observation (response) error is random, they cannot be simply compounded. As a result, the corresponding physical quantities must be characterized by error limit intervals, the upper limits of which might be used to provide "safe" estimates for m_D and m_Q.

Relative detection capability has frequently been evaluated in terms of the "figure of merit." Figure of merit, in the limit of very small (net) sample counts, is usually defined as μ_s^2/μ_b; this expression is approximately the reciprocal of the relative variance of the net signal. Use of the above expression for comparing detector sensitivities generally involves the replacement of μ_s by the product of the sample disintegration rate and the detection efficiency, and various detectors are then compared by examining the respective ratios, ϵ^2/μ_b. Such a procedure suffers from a number of limitations, when compared to the use of Equation 22 (or the analogous equations for m_C and m_Q). The limitations include: (1) no allowance is made for short-lived radioactivity; (2) interference—especially "decaying" interference—is not considered; (3) the formula may not be applied to the comparison of critical levels or detection limits, because α- and β- type errors have not been included; (4) the approximation, $\mu_s \ll \mu_b$, is built into the formula. This last factor, which would lead one to conclude that one particular detection system is better than another, may lead to the wrong conclusion for m_D or m_Q. That is, the exact equations, of the form of Equation 22, can lead to the conclusion that the one detection system has the lower limit of detection, but that the other has the lower limit of determination.

ILLUSTRATIONS

In order to make clear the application of the preceding formulae, three examples will be given, one selected arbitrarily from among "standard" methods of chemical analysis, another dealing with the simple detection of radioactivity, and a third dealing with a more complex problem in activation analysis.

(1) Spectrophotometry

The fundamental relation governing the absorption of light by matter may be written,

$$A = \mu cl + A_0 \tag{23}$$

where A and A_0 are the absorbances for samples having concentrations, c and 0, respectively; l is the cell path length; μ is the absorptivity. In order to relate the problem to the preceding discussion, we make the following identifications.

(a) A_0 = blank, μ_B, which is here set equal to zero, by adjustment of the transmittance reading to 100% using a "blank" sample.

(b) σ_B = standard deviation of the blank absorbance $\neq 0$.

(c) A = net signal, μ_S, which here equals the gross signal, because A_0 has been set equal to zero.

(d) $K = \mu l$, the calibration factor.

(e) σ_S = standard deviation of the net signal, A.

Experimental observations on the spectrophotometric determination of thorium using thorin, yielded: $\sigma_B = 0.0020$, and $K = 58.2$ l/g (9). The sample standard deviation, σ_S, was observed to be relatively constant and equal to σ_B, over the concentration range studied. A particular sample analyzed was observed to give a response (absorbance) of 0.0060. Using these data and expressions for paired observations from Table I, we find the following:

Decision: $L_C = 2.33\,\sigma_B = 0.0047$. Thus, the observed response, 0.0060, leads to the decision, "detected."

(9) L. A. Currie, G. M. France III, and P. A. Mullen, National Bureau of Standards, unpublished data (1964).

Table III. Detection of Potassium in Sodium

Reaction	Target nuclide[a]	Product[b]	Detection limit (g) Interference-free	Detection limit (g) $m(Na) = 1$ g
(n,γ)	^{41}K (6.9%) ^{23}Na (100%)	^{42}K (12.4 hr) ^{24}Na (15 hr)	1.3×10^{-10}	0.26
(γ,n)	^{39}K (93.1%) ^{23}Na (100%)	^{38}K (7.7 min) ^{22}Na (2.6 yr)	7.7×10^{-10}	6.0×10^{-7}

[a] Isotopic abundance listed in parentheses.
[b] Half-life listed in parentheses

Confidence Interval: Because the signal is considered detected, we may set a confidence interval, rather than an upper limit. The absorbance interval for the signal at the 95% level of confidence is 0.0060 ± 1.96 (0.0020). The corresponding thorium concentration interval, assuming negligible error in the calibration constant, is 36 to 170 $\mu g/l$, and the estimate of the mean is 103 $\mu g/l$.

Detection Limit: $L_D = 4.65\ \sigma_B = 0.0093$. Thus, the minimum detectable concentration (that which will give a signal exceeding L_C, 95% of the time) is equal to 160 $\mu g/l$.

Determination Limit: $L_Q = 14.1\ \sigma_B = 0.0282$. Therefore, in order to obtain a precision (relative standard deviation) as small as 10%, one must have a thorium concentration of 480 $\mu g/l$.

(2) Radioactivity

Let us next consider the detection of the 7.7-min positron-emitter, ^{38}K. We shall assume that the radionuclide is detected by means of the 0.51-MeV positron annihilation quanta using a sodium iodide crystal having a background of 20 cpm and a detection efficiency (for ^{38}K) of 32%. Our aim will be to calculate the various limits in terms of activity (disintegration rate) instead of mass. As will be shown in a separate publication, the counting interval, Δt, which leads to the minimum detection limit is approximately twice the half-life; we shall therefore take $\Delta t = 15.4$ min. Equation 18 here takes the form, $L_D = Ka_D$, where a_D represents the minimum detectable activity, and $K = \epsilon T$. Because the delay time, t, is not involved in the present example, $T = (1-e^{-\lambda\Delta t})/\lambda$. (For long-lived species, T, the "effective counting interval," reduces to Δt, the physical counting interval.) Using the fact that $\mu_B = 20$ cpm × 15.4 min, one may calculate L_C, L_D, and L_Q directly from the formulae for paired observations given in the first row of Table II. The above value for ϵ may then be combined with $T = 8.33$ min, in order to determine a_C, a_D, and a_Q. The results are given below:

$$a_C = 15.3 \text{ dpm}$$

$$a_D = 31.6 \text{ dpm}$$

$$a_Q = 114 \text{ dpm}$$

Let us suppose than an observation of sample plus background gives a total of 340 counts. The net signal would then be 32 counts (assuming that the background observation yielded 308 counts), and its estimated standard deviation would be 25.4 counts. L_C, as calculated from Table II, is equal to 40.8 counts, and therefore such an observation would lead to the conclusion, "not detected." (The comparison might be made on the basis of the corresponding disintegration rates, 12 dpm-observed, and 15.3 dpm = a_C, but the conversion from counts to dpm is unnecessary for making the decision.) The upper limit (95% confidence level) for the net signal is equal to 32 + 1.645 (25.4) = 73.8 counts; this is equivalent to a disintegration rate of 27.6 dpm.

The effect of half-life on the above limits is notable. For example, if ^{38}K had a very long half-life, $T \rightarrow 15.4$ min and a_D would be reduced to 17.1 dpm. A long half-life, of course, would make useful a longer counting interval. If the interval were 10^3 min, for example, the minimum detectable activity would be further reduced to 2.06 dpm. Thus, when half-life is the only variable, one can detect considerably smaller activities for long-lived species than for those which are short-lived.

(3) Activation analysis

The foregoing principles will next be applied to a somewhat more complex example in which one must consider both the effects of various product half-lives and the effects of interference arising from alternative nuclear projectiles. The problem to be examined is whether reactor neutrons or linac bremsstrahlung are better for the detection of potassium. The minimum detectable mass will be estimated for the interference-free situation, and also for that in which the potassium is accompanied by 1 gram of sodium. Details of the calculation will not be presented here, but only the input data and the results. The results were calculated directly from Equation 22. The input assumptions follow:

(a) thermal neutron flux–10^{13} (n/cm^2-sec).

(b) bremsstrahlung flux distribution–$10^{14}/E$ (quanta/MeV-min-cm^2) (electron beam energy well above the giant resonance).

(c) irradiation time and counting time–10^3 min or two half-lives (potassium product) whichever is less.

(d) delay time–negligible.

(e) nuclear cross sections–taken from the literature.

(f) interference correction accuracy, f_I–1%.

(g) detection– paired observations, sodium–iodide counting of the positron annihilation peak (bremsstrahlung-produced activity) or the 1.51 MeV ^{42}K γ-peak (neutron-produced activity). Interferences due to sodium activities were estimated from the respective gamma ray spectra. The backgrounds and detection efficiencies are as follows:

Reaction	Background	Efficiency (γ-efficiency × branching) K	Efficiency (γ-efficiency × branching) Na
(n,γ)	12 cpm	0.014	0.0097
(γ,n)	20 cpm	0.32	0.29

Minimum detectable masses of potassium are given in Table III. Note that the minimum detectable activity calculated for ^{38}K in the preceding example applies also to the present example; the minimum detectable mass differs only by the production factor, $P(\Sigma)$, which here equals 4.11×10^{10} dpm/g for ^{38}K.

The results given in Table III indicate that both a reactor and an electron linear accelerator provide excellent detection capabilities for potassium in the absence of interference, the reactor being somewhat better. The importance of Equation 22 for detection limit estimation in the presence of interference, however, becomes quite clear upon examination of the last column of Table III. Here, the detection limit by bremsstrahlung irradiation has become about one thousand times poorer, and thermal neutron activation has become practically useless.

ACKNOWLEDGMENT

Helpful discussions have taken place with a number of my colleagues, in particular: J. R. DeVoe, J. M. Cameron, H. H. Ku, and K. F. J. Heinrich.

RECEIVED for review September 21, 1967. Accepted December 15, 1967. The paper was presented in part at the Eighth Eastern Analytical Symposium held in New York, November 1966.

Graphical Technique for Estimating Activity Levels Produced in Thermal- and Fission-Neutron Irradiation

Jorma T. Routti

Lawrence Radiation Laboratory, University of California, Berkeley, Calif.

We describe a rapid and flexible graphical method for estimating the activity induced in neutron irradiations. This method, applicable to several activation problems, is applied here to thermal- and fission-neutron irradiations, which are widely used in activation analysis with reactors. The calculated saturation activities of the products of most activation reactions are represented on two activation charts. We develop a graphical technique, using a transparent overlay, to obtain corrections for the saturation, decay, and counting factors. The principal advantage of this method is that the corrections due to these factors can be applied to any saturation activity of the chart, which already contains all the nuclear information required for estimation of induced radioactivity. Most simple activity calculations can be performed quickly and accurately; the technique is also useful in estimating the best irradiation and decay times to enhance selected activities in composite samples. We give the numerical values for the construction of charts of saturation activities for thermal- and fission-neutron irradiation and for the overlay. Calculation techniques are explained and clarified with typical examples.

THE CALCULATION of induced radioactivity is required in many activation problems. Generally, the same mathematical formalism is applied, with different values of nuclear constants and time parameters. The search for nuclear constants and the solution of equations for composite samples is often time-consuming. We here develop a graphical method for representing nuclear data and solving activation equations; this method can be successfully applied to several activation problems, flux monitoring, and radioisotope production with reactors and accelerators. (The two activation charts and the transparent overlay are available as a courtesy from General Radioisotope Processing Corp., 3120 Crow Canyon Road, San Ramon, Calif. 94583.) The specific applications to thermal- and fission-neutron activation have been chosen because of their wide and frequent use in activation analysis with reactors.

Several nomographs for calculating induced radioactivity have been published (*1–3*). To use most of these, it is first necessary to find the nuclear parameters in the literature. Concise summaries of sensitivities for thermal-neutron activation have also been published (*4, 5*). These generally apply to selected counting and irradiation conditions.

The techniques described here combine, in compact form, the essential nuclear data with a quick and flexible graphical calculation method. The various factors appearing in the activity equation, including the saturation, decay, and counting-time corrections, can easily be determined. Also, qualitative information of optimal irradiation and decay times, which are often desired in activation analysis, can be obtained graphically rather than by using numerical computer techniques (*6*).

GRAPHICAL METHOD FOR COMPUTATION

The Activation Equation. In calculating induced radioactivity, we assume that the irradiated sample is so small that it produces no significant attenuation of the flux of incident particles. The total disintegration rate of a radioisotope produced by irradiation of an element of natural isotopic composition in a constant flux is then given by

$$A = \frac{mfN_0\phi\sigma}{100\ \mathrm{M}}[(1 - \exp(-\ln 2 \times t_i/T_{1/2})]\exp(-\ln 2 \times t_d/T_{1/2}) = A_{sat}SD = N^* \ln 2/T_{1/2} \quad (1)$$

where m is the mass of the irradiated element, f is the isotopic abundance (%) of the isotope that undergoes the reaction, N_0 is Avogadro's number, ϕ is neutron flux, σ is the cross section, M is the atomic weight of the irradiated element, $T_{1/2}$ is the half-life of the induced activity, t_i is the irradiation time, t_d is the decay time (between the end of irradiation and the beginning of counting), A_{sat} is $\frac{mfN_0\phi\sigma}{100\ \mathrm{M}}$, the saturation activity, S is $[(1 - \exp(-\ln 2 \times t_i/T_{1/2})]$, the saturation factor, D is $\exp(-\ln 2 \times t_d/T_{1/2})$, the decay factor, and N^* is the number of decaying nuclei.

(1) Philip A. Benson and Chester E. Gleit, *Nucleonics*, 21, No. 8 148 (1963).
(2) E. Ricci, *Nucleonics*, 22, No. 8, 105 (1964).
(3) Edward C. Freiling, *Nucleonics*, 14, No. 8, 65 (1956).
(4) W. Wayne Meinke, Sensitivity Charts for Neutron Activation Analysis, ANAL. CHEM., 792 (1959).
(5) Russell B. Mesler, *Nucleonics*, 18, No. 1, 73 (1960).
(6) Thomas L. Isenhour and George H. Morrison, ANAL. CHEM. 36, 1089 (1964).

DRAFT

Waste Characterization Strategy Form
for
PRS 21-024(i)

RSI RESPONSE
PRS 21-024(i) INTERIM ACTION PLAN

Draft

WASTE CHARACTERIZATION STRATEGY FORM

PRS Number 21-024(i)

Title: Septic Tank and Outfall

All Waste Types or Wastestreams: 1) Contaminated soil 2) Tank and Sludge; 3) PPE/plastic/sampling equipment

Completed By: Greg Bayhurst Date: 26 July 1998
WMC: Greg Bayhurst
Type of Activity (site investigation, EC, etc.): Interim Action

Description of the Activity

Interim action activities at Potential Release Site (PRS) 21-024(i) involve (1) removing a concrete septic tank and the associated contents (sludge), (2) removing portions of the inlet and outlet lines, and (3) removing soil/tuff at the associated outfall. Wastes from these activities will include the septic tank, sludge, inlet and outlet lines, outfall soil/sediment, and personal protective equipment (PPE) and miscellaneous solid waste.

Tank, Sludge, and Pipe Removal

Results from samples collected during prior investigations identified elevated radioactivity, organic compounds, PCBs, and metals in the sludge remaining in the septic tank. The sludge will be removed from the tank, containerized in 55 gal drums and transported to TA-54 for storage and or disposal. After sludge clean out, the tank will be removed, demolished, and transported to TA-54 for storage and or disposal. After tank removal, the underlying area will be screened with appropriate field equipment (radioactivity, organic vapors) to determine if additional contamination exists. If no elevated field screening results are detected, samples will be collected to verify soil underlying the tank is not contaminated. Elevated field screening results will guide the cleanup of contaminated soil/tuff. Excavated soil will be sampled for waste characterization purposes as described in the Characterization Strategy section of this form.

Accessible portions of the associated inlet and outlet pipes of the septic tank will be excavated and removed. Soil underlying the pipes will be screened with appropriate field instruments (radioactivity, organic vapors) to determine if contamination exists. If no elevated field screening results are detected, samples will be collected to verify underlying soil is not contaminated. Elevated field screening results will guide the cleanup of contaminated soil underlying the inlet/outlet lines. Excavated soil will be placed in appropriate containers and sampled for waste characterization purposes (as described in the Characterization Strategy section of this form) then transported to TA-54 for storage and or disposal.

Outfall

Results from outfall samples collected during prior investigations identified an area of elevated radioactivity, PCBs and metals. The contaminated soil from this area will be excavated, placed in roll-offs or B-25 boxes. Elevated radiological field screening results will guide the cleanup of contaminated soil.

Decontamination Activities

Dry decontamination procedures will be employed to remove excess soil and associated contamination; hence no liquid decontamination wastes will be generated onsite

Acceptable Knowledge

Site Description

PRS 21-024(i) is a septic system that routed sewage from building TA-21-152. Blow-down from cooling towers at buildings TA-21-166 and TA-21-167 was also routed to this septic system. Effluent was discharged via a 6-in. vitrified-clay pipe (VCP) into a concrete septic tank (5 ft x 10 ft x 6 ft), then flowed through a 6-in. VCP onto a broad, gentle slope about 30 ft from the south edge of DP Mesa.

Sludge Waste Characterization Samples

The tank was separated into four quadrants and each quadrant was sampled. The samples were analyzed for toxicity-listed compounds using the toxic characteristic leaching procedure (TCLP); organic (volatile and semi-volatile) compounds; radioactive isotopes; total metals; and pesticides/PCBs. No organic or metal contaminants were found above regulatory limits using TCLP. The metal contaminants present below regulatory limits (toxicity) are arsenic, barium, cadmium, mercury, and lead. The organic contaminants present below regulatory limits are benzene, and 1,4-dichlorobenzene. All other TCLP compounds were below detection limits. The maximum concentrations of COPCs found in the sludge are reported below. In addition to analytical results, personnel working in the facility during the period that this septic system was operational have been interviewed on the use of solvents.

Name of constituent	Maximum	Name of constituent	Maximum
Gross alpha radiation	823 pCi/g	Arsenic (TCLP)	460 ug/l
Gross beta radiation	283 pCi/g	Barium (TCLP)	2120 ug/l
Th-227	294 pCi/g	Lead (TCLP)	502 ug/l
U-234	294 pCi/g	Benzene (TCLP)	360 ug/l
U-235	10.7 pCi/g	1,4Dichlorobenzene (TCLP)	43 ug/l
U-238	63 pCi/g	PCB	19 mg/kg
Pa-231	190 pCi/g	Mercury (TCLP)	1.0 ug/l
Tritium (H-3)	198,000 pCi/g	Cadmium (TCLP)	329 ug/l

Outfall Soil

Samples were collected within the outfall area from locations showing the highest levels of radiation detected using field instruments. The locations showing the highest radiation level were analyzed for a full suite of analyses. Four samples were analyzed for metal contaminants using the TCLP. Only barium and mercury were found to be present above detection limits using the TCLP procedure.

Name of constituent	Maximum	Name of constituent	Maximum
Gross alpha radiation	450 pCi/g	Barium (TCLP)	1500 ug/l
Gross beta radiation	160 pCi/g	Phenanthrene	220 ppb
Th-227	107 pCi/g	Fluoranthrene	280 ppb
U-234	44 pCi/g	PCB	1.9 mg/kg
U-238	63 pCi/g	Mercury (TCLP)	5.0 ug/l
Pa-231	82 pCi/g		
Tritium (H-3)	18.4 pCi/g		

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

(2) 59500.1

CERTIFIED RETURN RECEIPT REQUESTED

August 27, 1998

Mr. Theodore Taylor, Project Manager
Los Alamos Area Office-Department of Energy
528 35th Street
Los Alamos, New Mexico 87544

Dr. John Browne, Director
Los Alamos National Laboratory
P.O. Box 1663, MS-A100
Los Alamos, NM 87545

RE: Approval of the Interim Action Plan for TA-21, PRS 21-024(i)
Los Alamos National Laboratory, NM0890010515

Dear Mr. Taylor and Dr. Browne:

The RCRA Permits Management Program (RPMP) of the New Mexico Environment Department has reviewed the Los Alamos National Laboratory (LANL) response to RPMP's Request for Supplemental Information (RSI) (dated July 31, 1998 and referenced by EM/ER:98-254) regarding the Interim Action Plan for Potential Release Site (PRS) 21-024(i) dated June 9, 1998 and referenced by EM/ER:98-187. RPMP is approving the Work Plan based on the Response to the RSI. However, the Surface Water Quality Bureau may have some concerns regarding the Storm Water Pollution Prevention Plan for PRS 21-024(i).

RPMP requests that LANL/DOE transmit a formal request for the withdrawal of the unapproved Phase II Sampling and Analysis Plan (SAP). The letter should outline the rationale for the withdrawal request and a proposal for action outlined in the LANL RSI response (comment 1 of the RSI response). Also, LANL shall provide a table in the IA Report and other future TA-21 submittals that includes both the TA-21 baseline concentrations as well as the LANL site-wide background concentrations (from draft document entitled "Inorganic and Radionuclide Background Data for Soils, Canyons Sediments and Bandelier Tuff at Los Alamos National Laboratory" dated 3/16/98).

Received by ER-RPF
SEP 17 1998

C 538

If you should have any questions please feel free to contact myself or John Kieling, RPMP's LANL Facility Manager, at (505) 827-1558.

Sincerely,

Benito J. Garcia, Chief
Hazardous and Radioactive Materials Bureau

BJG:jry

cc:

J. Canepa, LANL EM/ER, MS M992
J. Davis, NMED SWQB
R. Dinwiddie, NMED HRMB
M. Johansen, DOE LAAO, MS A316
J. Kieling, NMED HRMB
M. Kirsch, LANL EM/ER, MS M992
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
J. Vozella, DOE LAAO, MS A316
S. Yanicak, NMED DOE-OB, MS J993
File: HSWA LANL 1/1106/21 21-024(c and i) and 21-027(a)
Track: LANL, doc date, NA, DOE/LANL, NMED-HRMB/Garcia, RE, file

orig -> Pauline
cy: Debra
Toni
7-PP

ENVIRONMENTAL RESTORATION PROJECT
COMMUNICATION RECORD

Date: 10/16/01	**Time:** 3:00 p.m.	**Recorded By:** P. Bertino
To: Vickie Maranville	**From:** P. Bertino	**Telephone No.:** 665-2198

Affiliation: NMED-HWB

Other Parties:
John Hopkins and Becky Coel-Roback (LANL ER) and Woody Woodworth (DOE-AL)

Discussion:
This communication record (including Attachment 1 and 2) documents the October 15, 2001 discussion between Vickie Maranville, NMED-HWB and Paula Bertino, LANL ER Project regarding LANL's request and NMED-HWB's approval to extend the submittal date for the Voluntary Corrective Measure (VCM) plan for PRS 21-024(i) from January 30, 2002 to March 30, 2002. To ensure the determination of the nature and extent of contamination associated with the former septic tank and to supplement the Interim Action (IA) Plan (LANL 1998, 58901.3) and the Field Implementation Plan (FIP) (LANL 2001, ER2001-0690) for this PRS, LANL will complete the collection of four confirmation subsurface soil/tuff samples from three sample locations directly south and to the east of the former location of the septic tank before October 30, 2001. However, due to the backlog remaining at offsite fixed analytical laboratories, results from these samples will not be received in time for evaluation and inclusion in a January 2002 deliverable. Inclusion of these sample results is essential to determine if a VCM plan is required or if an IA completion report is more applicable for PRS 21-024(i).

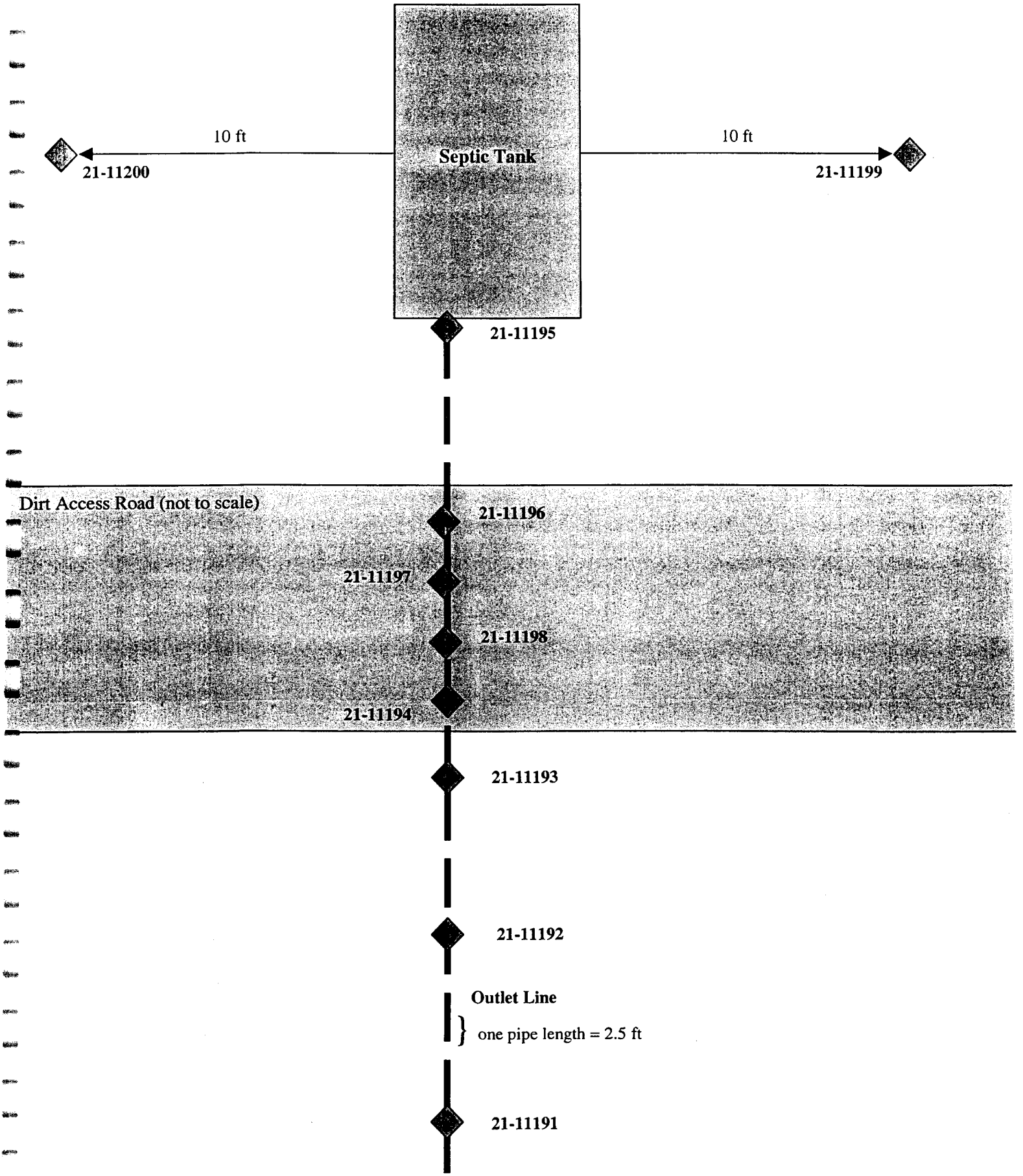
Attachment 1 shows the IA confirmation sample locations currently established outside the septic tank excavation at PRS 21-024(i). Attachment 2 describes the outstanding confirmation samples including the approximate sample locations, depth intervals, and analytical suite.

Action Items:
Deliver communication record for Vickie Maranville to initial and distribute the record. Thoroughly document all deviations from the approved IA Plan and the implementation of decisions agreed to herein in the VCM Plan or IA completion report to be submitted to NMED-HWB by March 30, 2002.

Distribution:
V. Maranville, NMED-HWB
J. Hopkins & B. Coel-Roback, MDAFA
L. Woodworth, DOE-AL
P. Bertino, RCFA/MDAFA
D. McInroy, RCFA
RPF – Catalogue # 2001-0857

DI-4.3, R0	**LOS ALAMOS** **Environmental Restoration** **Project**

Attachment 1
IA Confirmation Sample Locations at PRS 21-024(i)



Attachment 2
Addendum to the Field Implementation Plan for Sampling at PRS 21-024(i)

The purpose of this Addendum to the Field Implementation Plan (FIP) is to direct the completion of the Interim Action (IA) confirmation sampling following the August 2001 removal of the septic tank at PRS 21-024(i). This addendum supplements the original FIP for this PRS, dated 14 August 2001 (ER2001-0690). Table 1 lists the analytical suite and number of samples to be collected from each location. Figure 1 shows the approximate sample locations with respect to the former septic tank at PRS 21-024(i).

1.0 Tank and Outlet Line Junction (Location ID 21-11195) ✧

- ❑ Collect one confirmation sample from 12 to 13 ft. below ground surface (bgs) at this location.

2.0 Step-Out Location East of Septic Tank (Location ID 21-11199) ◇

- ❑ Collect one confirmation sample from 17 to 18 ft. bgs at this location, to make up for the sample that was missed due to refusal during the February 2001 sampling effort.

3.0 Additional Step-Out Location East of the Septic Tank △

- ❑ Identify additional step-out location approximately 10 ft east of sample location 21-11199.
- ❑ Collect confirmation samples from two depth intervals at this location:
  - 12 to 13 ft. bgs
  - 17 to 18 ft. bgs

4.0 QA/QC Samples

- ❑ Collect one field duplicate—full suite.
- ❑ Collect one field blank for this effort—VOCs only.

Table 1. Confirmation Sample Numbers and Analytical Suite[a] for PRS 21-024(i)

Analysis	Number of Samples				
	Normal	Field Duplicate	Rinsate Blank	Field Blank	Total
Gross alpha, beta, and gamma	4	1	0	0	5
Isotopic plutonium	4	1	0	0	5
Isotopic uranium	4	1	0	0	5
Gamma spectroscopy	4	1	0	0	5
Tritium	4	1	0	0	5
Strontium-90	4	1	0	0	5
Americium-241	4	1	0	0	5
Thorium	4	1	0	0	5
PCBs/pesticides	4	1	0	0	5
SVOCs	4	1	0	0	5
VOCs	4	1	0	1	6
TAL metals	4	1	0	0	5

[a]In addition to the fixed laboratory analyses, all samples will be field-screened for volatile organic constituents and detectable alpha and beta/gamma activity.

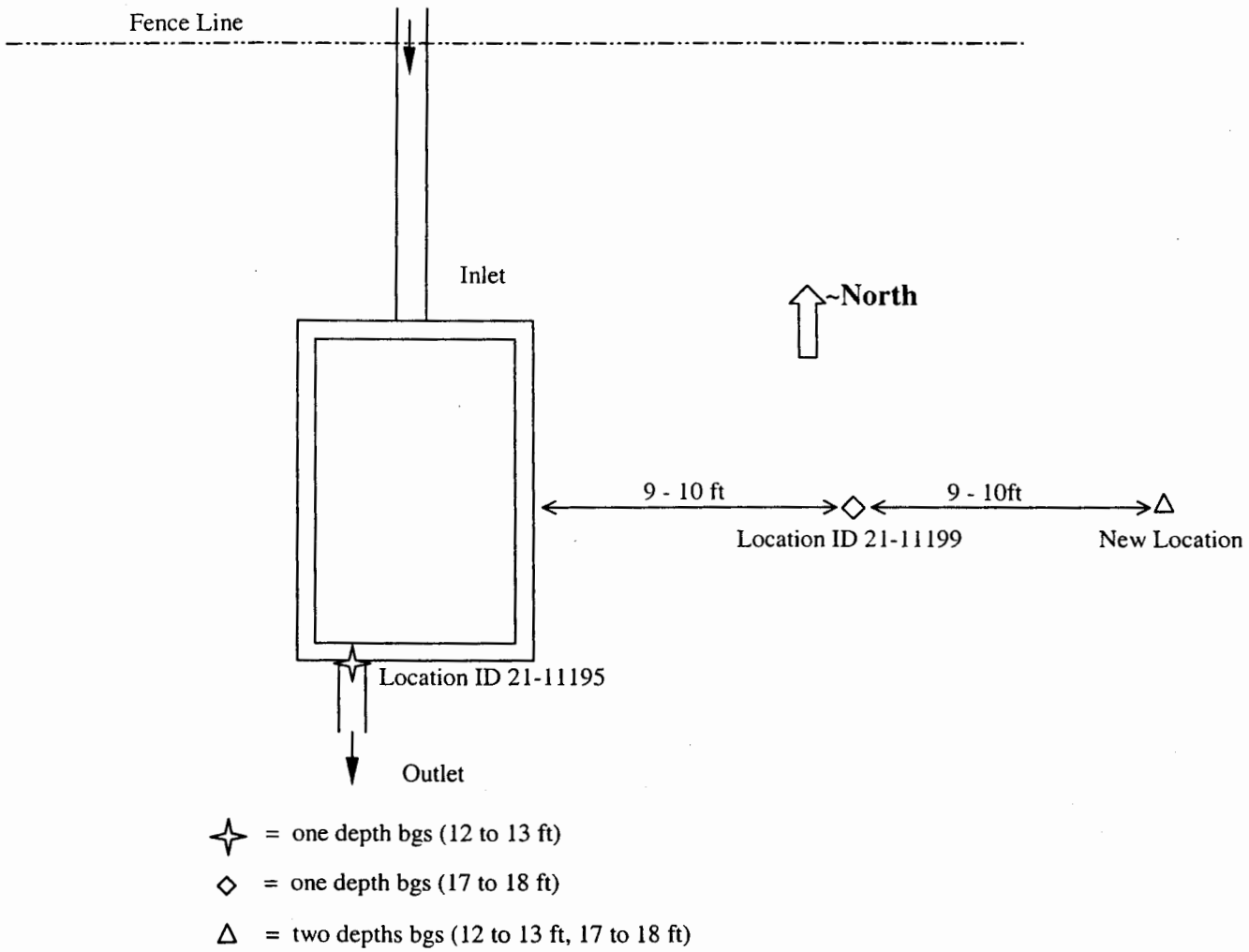


Figure 1. Locations of additional confirmation samples adjacent to former septic tank at PRS 21-024(i) (not to scale).

ENVIRONMENTAL RESTORATION PROJECT
COMMUNICATION RECORD

Date: 08/19/02	**Time:** 2:00 p.m.	**Recorded By:** P. Bertino
To: Vickie Maranville VM 8-19-02	**From:** P. Bertino	**Telephone No.:** 665-2198

Affiliation: NMED-HWB

Other Parties:
John Young and Kirby Olson, NMED-HWB
Rich Mirenda, John Hopkins and Becky Coel-Roback, LANL RRES-ER and Woody Woodworth OLASO

Discussion This communication record (including all referenced information previously provided to NMED-HWB) documents discussion topics and agreements reached during the June 25, 2002 meeting between LANL ER Project and NMED-HWB staff regarding the status of the corrective action at SWMU 21-024(i). During the meeting, the following information was presented and/or discussed:

Introduction/Background/Previous Investigations
LANL ER Project representatives summarized the site history, previous and current investigations and removal actions, and waste disposal issues for SWMU 21-024(i). LANL provided photographs of the septic tank interior following removal of the sludge and cleaning, and additional photos of the outside of the tank upon excavation to demonstrate that the reinforced concrete tank was in good condition with no evidence of leaks at the time of removal in August 2001. LANL provided an information packet to meeting attendees containing: the Fact Sheet for the site; photographs of Areas 1, 2, and 3 at SWMU 21-024(i) during various stages of investigation and cleanup; a table describing characterization and confirmation samples collected to date and a corresponding sample location map; a SAL exceedance map with all COPCs detected above SALs included; tables comparing worst case (maximum detects) analytical results to background and/or fall out values and SALs; RESRAD graphs and tables for residential and worker exposure to tritium in the subsurface; tables comparing detects to ESLs; and data and maps from the Canyons Focus Area Upper Los Alamos Canyon Reach Report (LA-UR-98-3974) for sample locations upgradient and downgradient of SWMU 21-024(i). The meeting attendees then reviewed the information as a group.

Nature and Extent /Human Health Screening Assessment
Based on review of all analytical data collected to date, LANL believes that the nature and extent of contamination at SWMU 21-024(i) has been defined and after reviewing the analytical data and maps, NMED generally concurred. John Young, NMED inquired about the need to collect samples at the toe of the colluvium in Los Alamos Canyon below SWMU 21-024(i), but after reviewing numerous photographs of the site with respect to Los Alamos Canyon (the canyon bottom is approximately 400 to 500 feet below the outfall separated by a steep canyon wall and there is no toe available to sample), reviewing data presented in the Canyons Focus Area Upper Los Alamos Canyon Reach Report (LA-UR-98-3974), and considering concentrations of contaminants remaining at the site, and the fact that the source term has been removed, it was agreed that based on the information provided, additional sampling would not be required at this time for SWMU 21-024(i).

The SWMU is located at the east end of TA-21 on DOE property that will remain under DOE control for the foreseeable future. Human health screening results indicate that there is no present day risk to site workers under the industrial land use scenario and effectively no present day risk under the residential land use scenario. Only one organic chemical [benzo(a)pyrene, a polycyclic aromatic hydrocarbon(PAH)] was detected at a concentration greater than its screening action level (SAL) in a single sample. Arsenic was the only inorganic chemical detected at a concentration greater than its SAL in a single sample. Thorium-228 and –230 were each detected in a single sample above their respective background/fallout values, cesium-134 was detected in six samples at a maximum concentration of 0.122 pCi/g, plutonium-239 was detected in three samples at a maximum concentration of 0.059 pCi/g, and tritium was detected in 31 of 34 samples at a maximum concentration of 4,066 pCi/g. All of the radionuclides were detected at depths greater than 3 feet below ground surface (bgs), with the highest tritium value detected at a depth of approximately 9 feet bgs. The RESRAD run conducted for tritium for all pathways for a residential scenario indicates a current dose of 0.22 mrem/year.

Based on the data provided, Kirby Olson, (NMED) inquired as to why LANL is not planning to propose the SWMU for no further action (NFA). LANL indicated that since NMED will only approve a request for NFA for a site if residential risk criteria are met, LANL would not propose this site for NFA because SWMU 21-024(i) is an industrial site. If LANL were to propose SWMU 21-024(i) for NFA at this time in accordance with residential risk criteria, the residual subsurface tritium at depth could prevent the site from meeting the criteria if the land use scenario assumes that a basement for a residence would be excavated at this location. Due to the half-life of tritium (approximately 12.3 years), LANL proposed that SWMU 21-024(i) be considered "administratively complete" meaning that no further corrective action is required. The SWMU would remain on Module VIII of LANL's Hazardous Waste Facility Permit until one of the following occurs: 1) tritium decays to levels that meet residential risk criteria; or 2) the State of New Mexico passes legislation that would allow NMED to approve recommendations for NFA based on institutional control. NMED indicated that future changes in land use or ownership may require additional investigation and possible remediation at the site.

John Young, (NMED) asked for clarification on what "administratively complete" means. LANL explained that for lack of another term, SWMU 21-024(i) and many others will fall into a category where corrective action is complete with some acceptable level of contamination remaining at the site based on appropriate land use scenarios other than residential (e.g., industrial). These SWMUs are located on DOE property that will remain under institutional control for the foreseeable future.

Kirby Olson, (NMED) stated that when the data from SWMU 21-024(i) is formally reported to NMED, 95% upper confidence limits (UCLs) should be used for the human health and ecological risk screening assessments in lieu of the maximum detected concentrations, which are overly conservative. LANL agreed.

Ecological Risk Screening Assessment

John Young inquired as to why the maximum background levels were used for ESL comparisons in the ecological screening assessment. As stated above, 95% UCLs will be used for the ecological risk screening assessment when the data from SWMU 21-024(i) is formally reported to NMED. Kirby Olson requested that LANL provide hazard quotients (HQs) and hazard indicators (HIs) based on the 95% UCLs to determine if there may be the potential for ecological risk at Area 3 of SWMU 21-024(i). This information was provided to NMED to review via e-mail on July 30, 2002 and will be included when the data and corresponding evaluation results from SWMU 21-024(i) are formally reported to NMED in the IA completion report.

Reporting

1. NMED and LANL have agreed that since the corrective action and confirmation sampling at SWMU 21-024(i) were completed in accordance with an approved interim action (IA) plan (LA-UR-98-1896), LANL could document the field activities, analytical results, screening assessment results, and conclusions/recommendations in an IA completion report.

2. NMED requested that LANL provide information regarding the septic system that replaced the system designated as SWMU 21-024(i) (septic tank structure 21-181) when it was abandoned in place in 1964. The septic system designated SWMU 21-024(k) (septic tank structure 21-219) was constructed in 1964 just prior to the construction of Building 21-209. Because the drainline from Building 21-152 to the septic tank at SWMU 21-024(i) was located in the middle of the construction area for Building 21-209, the construction of the new septic tank (SWMU 21-024(k)) and connection of the drainlines from Buildings 21-152, -166 and -167 was accomplished before construction of the new building began. The construction of Building 21-209 took 14 months to complete and the building's wastewater drainlines were tied directly into the new TA-21 wastewater treatment plant (WWTP), Building 21–257. In 1966, the drainline from the septic tank at SWMU 21-024(k) was tied into the collector drainline for the new TA-21 wastewater treatment plant (Building 21–257) and the septic tank was abandoned in place after being pumped out and filled with soil.

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During the 1993 Phase I RFI, three 20-ft. boreholes were advanced at SWMU 21-024(k), one adjacent to and downgradient of the former septic tank, and two in the leach field. Core samples were collected at 5-ft. intervals for a total of 12 samples. Results showed no detected organic chemicals, no radionuclides above SALs and no inorganics above SALs; however, this data will be evaluated against current SALs and background/fallout values. LANL will provide this information and supporting documentation regarding SWMU 21-024(k) in the IA completion report for SWMU 21-024(i).

3. NMED and LANL concurred that for the ecological screening assessment, the characterization and/or confirmation data be evaluated together for the two mesa top areas of SWMU 21-024(i): Area 1 – mesa top, subsurface, former septic tank location and Area 2 – mesa top, surface and near surface in outfall area near canyon rim; and evaluated separately for Area 3 of SWMU 21-024(i) – the bench on the canyon side located approximately 50 feet below the outfall and canyon rim. For the human health screening assessment, NMED and LANL concurred that the characterization and/or confirmation data for the entire SWMU (Areas 1, 2 and 3) be evaluated together.

4. NMED and LANL agreed to a submittal date of March 30, 2003 for the IA completion report for SWMU 21-024(i).

Action Items:
Deliver communication record for Vickie Maranville to initial and distribute the record. Thoroughly document all deviations from the approved IA Plan and the implementation of decisions agreed to herein in the IA completion report for SWMU 21-024(i) to be submitted to NMED-HWB by March 30, 2003.

Distribution: WM
V. Maranville, J. Young, & K. Olson, NMED-HWB
P. Bertino, J. Hopkins, R. Mirenda & B. Coel-Roback, RRES-ER
L. Woodworth, OLASO
P. Schumann, RRES-ER
D. McInroy, RRES-ER
RPF – Catalogue # 2002-0530

DI-4.3, R0	**LOS ALAMOS Environmental Restoration Project**

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Appendix D

Analytical Suites and Results

APPENDIX D ANALYTICAL SUITES AND RESULTS

D-1.0 TARGET ANALYTES AND DETECTION LIMITS

Tables D-1.0-1 through D-1.0-6 include the minimum required detection limits or quantitation limits, as prescribed in the Environmental Restoration Project (now the Risk Reduction and Environmental Stewardship Division–Remediation [RRES-R] Program) analytical services statement of work for contract laboratories (LANL 1995, 49738) 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. The sample-specific detection or quantitation limits for each analyte are accessible in the Facility for Information, Management, Analysis, and Display database. In addition, summary tables presented in Sections 2.3, 2.4, 3.3, and 3.4 also include these limits, as appropriate.

Efforts were made to ensure that detection limits for inorganic analytes were below Los Alamos National Laboratory (the Laboratory) background values (BVs). Instances in which the detection limits were greater than BVs are noted and discussed in Section 2.4.3 of this report.

Table D-1.0-1
Target Analytes and Estimated Detection Limits for Inorganic Chemical Analyses

Analyte	EPA[a] Sample Preparation Method	Analytical Technique	EDL[b] (mg/kg)
Aluminum	3050A	ICPES[c]	40
Antimony	3050A	ICPES	12
Arsenic	7060/3050A	ICPES/GFAA[d]	2
Barium	3050A	ICPES	40
Beryllium	3050A	ICPES	1
Cadmium	3050A	ICPES	1
Calcium	3050A	ICPES	1000
Cobalt	3050A	ICPES	10
Copper	3050A	ICPES	5
Iron	3050A	ICPES	20
Lead	7421/3050A	ICPES/ICPMS[e]	0.6
Lithium	3050A	ICPES	2.5
Magnesium	3050A	ICPES	1000
Manganese	3050A	ICPES	3
Mercury	7471	CVAA[f]	0.1
Molybdenum	3050A	ICPES	2.5
Nickel	3050A	ICPES	8
Perchlorate	314.0	ICPES	0.1
Potassium	3050A	ICPES	1000
Selenium	7740/3050A	ICPES/GFAA	1
Silver	3050A	ICPES	2
Sodium	3050A	ICPES	1000
Strontium	905.0	ICPES	0.5
Thallium	7841/3050A	ICPES/GFAA/ICPMS	2
Vanadium	3050A	ICPES	10
Zinc	3050A	ICPES	4

[a] EPA = US Environmental Protection Agency

[b] EDL = estimated detection limit

[c] ICPES = inductively coupled plasma emission spectroscopy by EPA SW-846 Method 6010

[d] GFAA = graphite furnace atomic absorption spectroscopy

[e] ICPMS = inductively coupled plasma mass spectrometry by EPA SW-846 Method 6020

[f] 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)
Acetone	20
Benzene	5
Bromobenzene	5
Bromochloromethane	5
Bromodichloromethane	5
Bromoform	5
Bromomethane	10
2-Butanone	20
n-Butylbenzene	5
sec-Butylbenzene	5
tert-Butylbenzene	5
Carbon Disulfide	5
Carbon Tetrachloride	5
Chlorobenzene	5
Chlorodibromomethane	5
Chloroethane	10
Chloroform	5
Chloromethane	10
2-Chlorotoluene	5
4-Chlorotoluene	5
1,2-Dimbromo-3-chloropropane	10
1,2-Dibromoethane	5
Dibromomethane	5
1,2-Dichlorobenzene	5
1,3-Dichlorobenzene	5
1,4-Dichlorobenzene	5
Dichlorodifluoromethane	10
1,1-Dichloroethane	5
1,2-Dichloroethane	5
1,1-Dichloroethene	5
cis/trans-1,2-Dichloroethene	5
cis-1,2-Dichloroethene	5
trans-1,2-Dichloroethene	5
1,2-Dichloropropane	5
1,3-Dichloropropane	5
2,2-Dichloropropane	5
1,1-Dichloropropene	5

Target Analyte	Soil/Solids EQL* (µg/kg)
cis-1,3-Dichloropropene	5
tert-1,3-Dichloropropene	5
Ethylbenzene	5
Hexachlorobutadiene	10
2-Hexanone	20
Iodomethane	5
Isopropylbenzene	5
4-Isopropyltoluene	5
4-Methyl-2-pentanone	20
Methylene Chloride	5
Naphthalene	10
1-Propylbenzene	5
Styrene	5
1,1,1,2-Tetrachloroethane	5
1,1,2,2-Tetrachloroethane	5
Tetrachloroethene	5
Toluene	5
1,1,2-Trichloro-1,2,2-trifluoroethane	5
1,2,3-Trichlorobenzene	5
1,2,4-Trichlorobenzene	10
1,1,1-Trichloroethane	5
1,1,2-Trichloroethane	5
Trichloroethene	5
Trichlorofluoromethane	5
1,2,3-Trichloropropane	5
Trichlorotrifluoroethane	5
1,2,4-Trimethylbenzene	5
1,3,5-Trimethylbenzene	5
Vinyl chloride	10
Xylene (total)	5
1,2-Xylene	5
1,3-Xylene	5
1,3-Xylene + 1,4-Xylene	5
1,4-Xylene	5
cis-1,3-Dichloropropene	5
tert-1,3-Dichloropropene	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.

EQL=estimated quantitation limit.

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

Target Analyte	Soil/Solids EQL (µg/kg)*
Acenaphthalene	330
Acenaphthylene	330
Aniline	660
Anthracene	330
Azobenzene	660
Benzidine	1650
Benzo(a)anthracene	330
Benzo(a)pyrene	330
Benzo(b)fluoranthene	330
Benzo(g,h,i)perylene	330
Benzo(k)fluoranthene	330
Benzoic Acid	660
Benzyl Alcohol	660
Bis(2-chloroethoxy)methane	330
Bis(2-chloroethyl)ether	330
Bis(2-ethylhexyl)phthalate	330
Butylbenzylphthalate	330
Carbazole	330
4-Chloro-3-methylphenol	660
4-Chloroaniline	660
2-Chloronaphthalene	330
2-Chlorophenol	330
4-Chlorophenyl-phenyl ether	330
Chrysene	330
Dibenz(a,h)anthracene	330
Dibenzofuran	330
1,2-Dichlorobenzene	330
1,3-Dichlorobenzene	330
1,4-Dichlorobenzene	330
3,3'-Dichlorobenzidine	660
2,4-Dichlorophenol	330
Diethylphthalate	330
Dimethyl Phthalate	330
2,4-Dimethylphenol	330
Di-n-butylphthalate	330
4,6-Dinitro-2-methylphenol	1650

Target Analyte	Soil/Solids EQL (µg/kg)*
2,4-Dinitrophenol	1650
2,4-Dinitrotoluene	330
2,6-Dinitrotoluene	330
Di-n-octylphthalate	330
Diphenylamine	330
Fluoranthene	330
Fluorene	330
Hexachlorobenzene	330
Hexachlorobutadiene	330
Hexachlorocyclopentadiene	330
Hexachloroethane	330
Indeno(1,2,3-cd)pyrene	330
Isophorone	330
2-Methylnaphthalene	330
2-Methylphenol	330
4-Methylphenol	330
Naphthalene	330
2-Nitroaniline	1650
3-Nitroaniline	1650
4-Nitroaniline	660
Nitrobenzene	330
2-Nitrophenol	330
4-Nitrophenol	1650
N-Nitrosodimethylamine	660
N-Nitroso-di-n-propylamine	330
N-Nitrosodiphenylamine	330
2,2'-Oxybis(1-chloropropane)	330
Pentachlorophenol	1650
Phenanthrene	330
Phenol	330
Pyrene	330
Pyridine	660
1,2,4-Trichlorobenzene	330
2,4,5-Trichlorophenol	330
2,4,6-Trichlorophenol	330

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.

- EQL=estimated quantitation limit.

Table D-1.0-4
Target Analytes and Estimated Quantitation Limits for Pesticides Analyses

Analyte	Soil/Solids EQL (µg/kg)*
Aldrin	1.7
BHC [alpha-]	1.7
BHC [beta-]	1.7
BHC [delta-]	1.7
BHC [gamma-]	1.7
Chlordane [alpha-]	1.7
Chlordane [gamma-]	1.7
DDD [4,4'-]	3.3
DDE [4,4'-]	3.3
DDT [4,4'-]	3.3
Dieldrin	3.3
Endosulfan I	1.7
Endosulfan II	3.3
Endosulfan Sulfate	3.3*
Endrin	3.3
Endrin Aldehyde	3.3
Endrin Ketone	3.3*
Heptachlor	1.7
Heptachlor Epoxide	1.7
Methoxychlor [4,4'-]	1.7
Toxaphene (technical grade)	170

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.

EQL=estimated quantitation limit

Not in table in SW846

Table D-1.0-5
Target Analytes and Estimated Quantitation Limits for PCB Analyses

Analyte	Soil/Solids EQL (µg/kg)*
Aroclor-1016	33
Aroclor-1221	67
Aroclor-1232	33
Aroclor-1242	33
Aroclor-1248	33
Aroclor-1254	33
Aroclor-1260	33

Note: All analyses were done by EPA contract laboratory program Method OLM1.8 or the equivalent EPA Method 8081. These methods are based on solvent extraction, concentration, and gas chromatography/electron capture detection and quantitation.

* EQLs for the samples are based on no gel permeation chromatography (GPC) cleanup being performed. The laboratories' GPC equipment determines the sample-specific EQL based on the volume of extract the GPC equipment uses. However, the laboratories are requested, if possible, to report sample-specific EQLs of no more than twice the value listed in the table.

Table D-1.0-6
Target Analytes and Estimated Quantitation Limits for Radionuclide Analyses

Analyte	Soil/Solids EQL (pCi/g)*
Americium-241	0.05
Cesium-134	NA
Cesium-137	0.10
Cobalt-60	0.50
Europium-152	NA
Gross alpha	1
Gross alpha/beta	1
Gross beta	1
Plutonium-238	0.05
Plutonium-239	0.05
Ruthenium-106	NA
Sodium-22	NA
Strontium-90	0.5
Thorium-227	NA
Thorium-228	0.1
Thorium-230	0.1
Thorium-232	0.1
Tritium	250[a] (pCi/L)
Uranium-234	0.1
Uranium-235	0.1
Uranium-238	0.1

Note: All analyses were done by EPA contract laboratory program Method OLM1.8 or the equivalent EPA Method 8081. These methods are based on solvent extraction, concentration, and gas chromatography/electron capture detection and quantitation.

* EQLs for the samples are based on no gel permeation chromatography (GPC) cleanup being performed. The laboratories' GPC equipment determines the sample-specific EQL based on the volume of extract the GPC equipment uses. However, the laboratories are requested, if possible, to report sample-specific EQLs of no more than twice the value listed in the table.

D-2.0 ANALYTE SUITES AND DATA SUMMARY

Table D-2.0-1 presents all analytical results for Solid Waste Management Unit (SWMU) 21-024(i) for samples collected from the 2001 and 2002 Interim Action. The report qualifier "U" indicates the analyte was analyzed for but not detected and the reported value is the sample-specific estimated quantitation limit 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 quantitation limit or detection limit.

D-3.0 WASTE DATA SUMMARY

Samples of sludge were collected from the tank and submitted for laboratory analysis of inorganic and organic chemicals and radionuclides. Both the liquid and solid fractions of the sludge were analyzed. Tables D-3.0-1, D-3.0-2, and D-3.0-3 present a summary of the sludge data.

D-4.0 References

The following list includes all references cited in this appendix. Parenthetical information following each reference provides the author, publication date, and the Environmental Restoration (ER) identification (ID) number. This information also is included in the citations in the text. ER ID numbers are assigned by the Laboratory's Risk Reduction and Environmental Stewardship-Remediation (RRES-R) Program (formerly the ER Project) 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, where applicable, with the RRES-R 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 Area Office; United States Environmental Protection Agency, Region VI; and the RRES-R Program. 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.

LANL (Los Alamos National Laboratory), July 1995. "Statement of Work–Analytical Support," Revision 2, RFP No. 9-XS1-Q4257, Los Alamos, New Mexico. (LANL 1995, 49738)

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

Table D-2.0-1
Analytical Results for SWMU 21-024(i), 2003 RFI Report

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-05112	0121-97-0902	7.0–9.0	ALLH	Dichlorodifluoromethane	0.011	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Chloromethane	0.011	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Vinyl Chloride	0.011	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Bromomethane	0.011	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Chloroethane	0.011	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Trichlorofluoromethane	0.0053	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Dichloroethene[1,1-]	0.0053	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Iodomethane	0.0053	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Carbon disulfide	0.0053	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Acetone	0.014	mg/kg	J
21-05112	0121-97-0902	7.0–9.0	ALLH	Methylene chloride	0.019	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Dichloroethene[trans-1,2-]	0.0053	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Dichloroethane[1,1-]	0.0053	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Dichloropropane[2,2-]	0.0053	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Dichloroethene[cis-1,2-]	0.0053	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Butanone[2-]	0.021	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Bromochloromethane	0.0053	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Chloroform	0.0053	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Trichloroethane[1,1,1-]	0.0053	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Carbon tetrachloride	0.0053	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Dichloropropene[1,1-]	0.0053	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Benzene	0.0053	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Dichloroethane[1,2-]	0.0053	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Trichloroethene	0.0053	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Dichloropropane[1,2-]	0.0053	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Dibromomethane	0.0053	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Bromodichloromethane	0.0053	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Dichloropropene[trans-1,3-]	0.0053	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Methyl-2-pentanone[4-]	0.021	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Toluene	0.0053	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Dichloropropene[cis-1,3-]	0.0053	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Trichloroethane[1,1,2-]	0.0053	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Tetrachloroethene	0.0053	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Dichloropropane[1,3-]	0.0053	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Chlorodibromomethane	0.0053	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Hexanone[2-]	0.021	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Dibromoethane[1,2-]	0.0053	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Chlorobenzene	0.0053	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Tetrachloroethane[1,1,1,2-]	0.0053	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Ethylbenzene	0.0053	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Xylene[1,3-]	0.0053	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Styrene	0.0053	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Bromoform	0.0053	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Isopropylbenzene	0.0053	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Bromobenzene	0.0053	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Trichloropropane[1,2,3-]	0.0053	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Tetrachloroethane[1,1,2,2-]	0.0053	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Propylbenzene[1-]	0.0053	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-05112	0121-97-0902	7.0–9.0	ALLH	Chlorotoluene[2-]	0.0053	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Chlorotoluene[4-]	0.0053	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Trimethylbenzene[1,3,5-]	0.0053	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Butylbenzene[tert-]	0.0053	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Trimethylbenzene[1,2,4-]	0.0053	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Butylbenzene[sec-]	0.0053	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Dichlorobenzene[1,3-]	0.0053	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Dichlorobenzene[1,4-]	0.0053	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Isopropyltoluene[4-]	0.0053	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Dichlorobenzene[1,2-]	0.0053	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Butylbenzene[n-]	0.0053	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Dibromo-3-chloropropane[1,2-]	0.011	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Xylene[1,4-]	0.005	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Xylene[1,2-]	0.005	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Trichlorobenzene[1,2,4-]	0.005	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Hexachlorobutadiene	0.005	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Naphthalene	0.005	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Trichlorobenzene[1,2,3-]	0.005	mg/kg	None
21-05112	0121-97-0902	7.0–9.0	ALLH	Nitrosodimethylamine[N-]	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Aniline	0.89	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Phenol	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Bis(2-chloroethyl)ether	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Chlorophenol[2-]	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Dichlorobenzene[1,3-]	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Dichlorobenzene[1,4-]	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Dichlorobenzene[1,2-]	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Methylphenol[2-]	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Methylphenol[4-]	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Nitroso-di-n-propylamine[N-]	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Hexachloroethane	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Nitrobenzene	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Isophorone	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Nitrophenol[2-]	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Dimethylphenol[2,4-]	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Benzoic acid	1.8	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Bis(2-chloroethoxy)methane	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Dichlorophenol[2,4-]	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Trichlorobenzene[1,2,4-]	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Naphthalene	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Chloroaniline[4-]	0.89	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Hexachlorobutadiene	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Chloro-3-methylphenol[4-]	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Methylnaphthalene[2-]	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Hexachlorocyclopentadiene	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Trichlorophenol[2,4,6-]	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Trichlorophenol[2,4,5-]	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Chloronaphthalene[2-]	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Nitroaniline[2-]	1.8	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Dimethyl phthalate	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Acenaphthylene	0.36	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-05112	0121-97-0902	7.0–9.0	ALLH	Nitroaniline[3-]	1.8	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Acenaphthene	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Dinitrophenol[2,4-]	1.8	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Nitrophenol[4-]	1.8	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Dibenzofuran	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Dinitrotoluene[2,4-]	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Dinitrotoluene[2,6-]	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Diethylphthalate	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Chlorophenyl-phenyl[4-] ether	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Fluorene	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Nitroaniline[4-]	1.8	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Dinitro-2-methylphenol[4,6-]	1.8	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Nitrosodiphenylamine[N-]	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Azobenzene	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Bromophenyl-phenylether[4-]	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Hexachlorobenzene	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Pentachlorophenol	1.8	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Phenanthrene	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Anthracene	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Di-n-butylphthalate	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Fluoranthene	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Pyrene	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Butylbenzylphthalate	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Dichlorobenzidine[3,3'-]	1.8	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Benzo(a)anthracene	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Bis(2-ethylhexyl)phthalate	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Chrysene	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Di-n-octylphthalate	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Benzo(b)fluoranthene	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Benzo(a)pyrene	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Indeno(1,2,3-cd)pyrene	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Dibenz(a,h)anthracene	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Benzo(g,h,i)perylene	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Benzyl alcohol	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Carbazole	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Benzo(k)fluoranthene	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Benzidine	1.8	mg/kg	None
21-05112	0121-97-0902	7.0–9.0	ALLH	Pyridine	0.36	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Aluminum	3900	mg/kg	None
21-05112	0121-97-0902	7.0–9.0	ALLH	Antimony	0.92	mg/kg	UJ
21-05112	0121-97-0902	7.0–9.0	ALLH	Arsenic	2	mg/kg	J
21-05112	0121-97-0902	7.0–9.0	ALLH	Barium	56.6	mg/kg	None
21-05112	0121-97-0902	7.0–9.0	ALLH	Beryllium	0.74	mg/kg	J
21-05112	0121-97-0902	7.0–9.0	ALLH	Cadmium	0.08	mg/kg	J
21-05112	0121-97-0902	7.0–9.0	ALLH	Calcium	4360	mg/kg	None
21-05112	0121-97-0902	7.0–9.0	ALLH	Chromium	5.3	mg/kg	J
21-05112	0121-97-0902	7.0–9.0	ALLH	Cobalt	1.9	mg/kg	J
21-05112	0121-97-0902	7.0–9.0	ALLH	Copper	3	mg/kg	J
21-05112	0121-97-0902	7.0–9.0	ALLH	Iron	5380	mg/kg	None
21-05112	0121-97-0902	7.0–9.0	ALLH	Lead	10	mg/kg	None
21-05112	0121-97-0902	7.0–9.0	ALLH	Magnesium	971	mg/kg	J

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-05112	0121-97-0902	7.0–9.0	ALLH	Manganese	183	mg/kg	J-
21-05112	0121-97-0902	7.0–9.0	ALLH	Nickel	5.9	mg/kg	J
21-05112	0121-97-0902	7.0–9.0	ALLH	Potassium	666	mg/kg	J
21-05112	0121-97-0902	7.0–9.0	ALLH	Selenium	0.96	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Silver	0.15	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Sodium	157	mg/kg	J
21-05112	0121-97-0902	7.0–9.0	ALLH	Thallium	0.92	mg/kg	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Vanadium	6.9	mg/kg	J
21-05112	0121-97-0902	7.0–9.0	ALLH	Zinc	25.9	mg/kg	None
21-05112	0121-97-0902	7.0–9.0	ALLH	Mercury	0.46	mg/kg	None
21-05112	0121-97-0902	7.0–9.0	ALLH	Plutonium-238	0.004	pCi/g	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Plutonium-239	0.009	pCi/g	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Thorium-228	1.32	pCi/g	None
21-05112	0121-97-0902	7.0–9.0	ALLH	Thorium-230	0.872	pCi/g	None
21-05112	0121-97-0902	7.0–9.0	ALLH	Thorium-232	1.27	pCi/g	None
21-05112	0121-97-0902	7.0–9.0	ALLH	Uranium-234	0.636	pCi/g	None
21-05112	0121-97-0902	7.0–9.0	ALLH	Uranium-235	0.054	pCi/g	None
21-05112	0121-97-0902	7.0–9.0	ALLH	Uranium-238	0.631	pCi/g	None
21-05112	0121-97-0902	7.0–9.0	ALLH	Tritium	1186.008	pCi/g	None
21-05112	0121-97-0902	7.0–9.0	ALLH	Gross alpha	3.042	pCi/g	None
21-05112	0121-97-0902	7.0–9.0	ALLH	Gross beta	2.139	pCi/g	None
21-05112	0121-97-0902	7.0–9.0	ALLH	Americium-241	-0.032	pCi/g	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Cobalt-60	0.024	pCi/g	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Cesium-134	-0.018	pCi/g	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Cesium-137	-0.006	pCi/g	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Europium-152	0.05	pCi/g	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Sodium-22	-0.016	pCi/g	U
21-05112	0121-97-0902	7.0–9.0	ALLH	Ruthenium-106	0.086	pCi/g	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Dichlorodifluoromethane	0.011	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Chloromethane	0.011	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Vinyl chloride	0.011	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Bromomethane	0.011	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Chloroethane	0.011	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Trichlorofluoromethane	0.0054	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Dichloroethene[1,1-]	0.0054	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Iodomethane	0.0054	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Carbon disulfide	0.0054	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Acetone	0.018	mg/kg	J
21-05113	0121-97-0903	7.0–9.0	ALLH	Methylene chloride	0.02	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Dichloroethene[trans-1,2-]	0.0054	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Dichloroethane[1,1-]	0.0054	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Dichloropropane[2,2-]	0.0054	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Dichloroethene[cis-1,2-]	0.0054	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Butanone[2-]	0.022	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Bromochloromethane	0.0054	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Chloroform	0.0054	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Trichloroethane[1,1,1-]	0.0054	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Carbon tetrachloride	0.0054	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Dichloropropene[1,1-]	0.0054	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Benzene	0.0054	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Dichloroethane[1,2-]	0.0054	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-05113	0121-97-0903	7.0–9.0	ALLH	Trichloroethene	0.0054	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Dichloropropane[1,2-]	0.0054	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Dibromomethane	0.0054	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Bromodichloromethane	0.0054	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Dichloropropene[trans-1,3-]	0.0054	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Methyl-2-pentanone[4-]	0.022	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Toluene	0.0054	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Dichloropropene[cis-1,3-]	0.0054	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Trichloroethane[1,1,2-]	0.0054	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Tetrachloroethene	0.0054	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Dichloropropane[1,3-]	0.0054	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Chlorodibromomethane	0.0054	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Hexanone[2-]	0.022	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Dibromoethane[1,2-]	0.0054	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Chlorobenzene	0.0054	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Tetrachloroethane[1,1,1,2-]	0.0054	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Ethylbenzene	0.0054	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Xylene[1,3-]	0.0054	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Styrene	0.0054	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Bromoform	0.0054	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Isopropylbenzene	0.0054	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Bromobenzene	0.0054	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Trichloropropane[1,2,3-]	0.0054	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Tetrachloroethane[1,1,2,2-]	0.0054	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Propylbenzene[1-]	0.0054	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Chlorotoluene[2-]	0.0054	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Chlorotoluene[4-]	0.0054	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Trimethylbenzene[1,3,5-]	0.0054	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Butylbenzene[tert-]	0.0054	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Trimethylbenzene[1,2,4-]	0.0054	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Butylbenzene[sec-]	0.0054	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Dichlorobenzene[1,3-]	0.0054	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Dichlorobenzene[1,4-]	0.0054	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Isopropyltoluene[4-]	0.0054	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Dichlorobenzene[1,2-]	0.0054	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Butylbenzene[n-]	0.0054	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Dibromo-3-chloropropane[1,2-]	0.011	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Xylene[1,4-]	0.005	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Xylene[1,2-]	0.005	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Trichlorobenzene[1,2,4-]	0.005	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Hexachlorobutadiene	0.005	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Naphthalene	0.005	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Trichlorobenzene[1,2,3-]	0.005	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Nitrosodimethylamine[N-]	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Aniline	0.9	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Phenol	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Bis(2-chloroethyl)ether	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Chlorophenol[2-]	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Dichlorobenzene[1,3-]	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Dichlorobenzene[1,4-]	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Dichlorobenzene[1,2-]	0.36	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-05113	0121-97-0903	7.0–9.0	ALLH	Methylphenol[2-]	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Methylphenol[4-]	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Nitroso-di-n-propylamine[N-]	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Hexachloroethane	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Nitrobenzene	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Isophorone	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Nitrophenol[2-]	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Dimethylphenol[2,4-]	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Benzoic Acid	1.8	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Bis(2-chloroethoxy)methane	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Dichlorophenol[2,4-]	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Trichlorobenzene[1,2,4-]	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Naphthalene	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Chloroaniline[4-]	0.9	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Hexachlorobutadiene	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Chloro-3-methylphenol[4-]	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Methylnaphthalene[2-]	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Hexachlorocyclopentadiene	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Trichlorophenol[2,4,6-]	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Trichlorophenol[2,4,5-]	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Chloronaphthalene[2-]	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Nitroaniline[2-]	1.8	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Dimethyl phthalate	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Acenaphthylene	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Nitroaniline[3-]	1.8	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Acenaphthene	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Dinitrophenol[2,4-]	1.8	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Nitrophenol[4-]	1.8	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Dibenzofuran	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Dinitrotoluene[2,4-]	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Dinitrotoluene[2,6-]	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Diethylphthalate	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Chlorophenyl-phenyl[4-] ether	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Fluorene	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Nitroaniline[4-]	1.8	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Dinitro-2-methylphenol[4,6-]	1.8	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Nitrosodiphenylamine[N-]	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Azobenzene	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Bromophenyl-phenylether[4-]	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Hexachlorobenzene	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Pentachlorophenol	1.8	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Phenanthrene	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Anthracene	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Di-n-butylphthalate	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Fluoranthene	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Pyrene	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Butylbenzylphthalate	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Dichlorobenzidine[3,3'-]	1.8	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Benzo(a)anthracene	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Bis(2-ethylhexyl)phthalate	0.36	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-05113	0121-97-0903	7.0–9.0	ALLH	Chrysene	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Di-n-octylphthalate	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Benzo(b)fluoranthene	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Benzo(a)pyrene	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Indeno(1,2,3-cd)pyrene	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Dibenz(a,h)anthracene	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Benzo(g,h,i)perylene	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Benzyl alcohol	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Carbazole	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Benzo(k)fluoranthene	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Pyridine	0.36	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Benzidine	1.8	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Aluminum	4380	mg/kg	None
21-05113	0121-97-0903	7.0–9.0	ALLH	Antimony	0.93	mg/kg	UJ
21-05113	0121-97-0903	7.0–9.0	ALLH	Arsenic	2	mg/kg	J
21-05113	0121-97-0903	7.0–9.0	ALLH	Barium	55	mg/kg	None
21-05113	0121-97-0903	7.0–9.0	ALLH	Beryllium	0.7	mg/kg	J
21-05113	0121-97-0903	7.0–9.0	ALLH	Cadmium	0.08	mg/kg	J
21-05113	0121-97-0903	7.0–9.0	ALLH	Calcium	2950	mg/kg	None
21-05113	0121-97-0903	7.0–9.0	ALLH	Chromium	8.2	mg/kg	J
21-05113	0121-97-0903	7.0–9.0	ALLH	Cobalt	2.5	mg/kg	J
21-05113	0121-97-0903	7.0–9.0	ALLH	Copper	3.8	mg/kg	J
21-05113	0121-97-0903	7.0–9.0	ALLH	Iron	6190	mg/kg	None
21-05113	0121-97-0903	7.0–9.0	ALLH	Lead	9.6	mg/kg	None
21-05113	0121-97-0903	7.0–9.0	ALLH	Magnesium	852	mg/kg	J
21-05113	0121-97-0903	7.0–9.0	ALLH	Manganese	192	mg/kg	J-
21-05113	0121-97-0903	7.0–9.0	ALLH	Nickel	6.9	mg/kg	J
21-05113	0121-97-0903	7.0–9.0	ALLH	Potassium	732	mg/kg	J
21-05113	0121-97-0903	7.0–9.0	ALLH	Selenium	0.97	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Silver	0.15	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Sodium	201	mg/kg	J
21-05113	0121-97-0903	7.0–9.0	ALLH	Thallium	0.93	mg/kg	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Vanadium	8.4	mg/kg	J
21-05113	0121-97-0903	7.0–9.0	ALLH	Zinc	22.2	mg/kg	None
21-05113	0121-97-0903	7.0–9.0	ALLH	Mercury	1.7	mg/kg	None
21-05113	0121-97-0903	7.0–9.0	ALLH	Plutonium-238	0.002	pCi/g	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Plutonium-239	0.072	pCi/g	None
21-05113	0121-97-0903	7.0–9.0	ALLH	Thorium-228	1.23	pCi/g	None
21-05113	0121-97-0903	7.0–9.0	ALLH	Thorium-230	0.97	pCi/g	None
21-05113	0121-97-0903	7.0–9.0	ALLH	Thorium-232	1.34	pCi/g	None
21-05113	0121-97-0903	7.0–9.0	ALLH	Uranium-234	0.792	pCi/g	None
21-05113	0121-97-0903	7.0–9.0	ALLH	Uranium-235	0.051	pCi/g	None
21-05113	0121-97-0903	7.0–9.0	ALLH	Uranium-238	0.749	pCi/g	None
21-05113	0121-97-0903	7.0–9.0	ALLH	Tritium	159.987	pCi/g	None
21-05113	0121-97-0903	7.0–9.0	ALLH	Gross alpha	3.606	pCi/g	None
21-05113	0121-97-0903	7.0–9.0	ALLH	Gross beta	3.126	pCi/g	None
21-05113	0121-97-0903	7.0–9.0	ALLH	Americium-241	-0.007	pCi/g	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Cobalt-60	0.008	pCi/g	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Cesium-134	-0.001	pCi/g	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Cesium-137	0.039	pCi/g	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Europium-152	-0.012	pCi/g	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-05113	0121-97-0903	7.0–9.0	ALLH	Sodium-22	0.02	pCi/g	U
21-05113	0121-97-0903	7.0–9.0	ALLH	Ruthenium-106	-0.132	pCi/g	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Dichloropropene[cis-1,3-]	0.0054	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Trichloroethane[1,1,2-]	0.0054	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Tetrachloroethene	0.0054	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Dichloropropane[1,3-]	0.0054	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Chlorodibromomethane	0.0054	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Hexanone[2-]	0.022	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Dibromoethane[1,2-]	0.0054	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Chlorobenzene	0.0054	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Dichlorodifluoromethane	0.011	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Chloromethane	0.011	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Vinyl chloride	0.011	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Bromomethane	0.011	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Chloroethane	0.011	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Trichlorofluoromethane	0.0054	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Dichloroethene[1,1-]	0.0054	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Iodomethane	0.0054	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Carbon disulfide	0.0054	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Acetone	0.022	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Methylene chloride	0.0054	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Dichloroethene[trans-1,2-]	0.011	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Dichloroethane[1,1-]	0.0054	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Dichloropropane[2,2-]	0.0054	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Dichloroethene[cis-1,2-]	0.011	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Butanone[2-]	0.022	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Bromochloromethane	0.0054	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Chloroform	0.0054	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Trichloroethane[1,1,1-]	0.0054	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Carbon tetrachloride	0.0054	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Dichloropropene[1,1-]	0.0054	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Benzene	0.0054	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Dichloroethane[1,2-]	0.0054	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Trichloroethene	0.0054	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Dichloropropane[1,2-]	0.0054	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Dibromomethane	0.0054	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Bromodichloromethane	0.0054	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Dichloropropene[trans-1,3-]	0.0054	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Methyl-2-pentanone[4-]	0.022	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Toluene	0.0054	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Tetrachloroethane[1,1,1,2-]	0.0054	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Ethylbenzene	0.0054	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Xylene (total)	0.0054	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Styrene	0.0054	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Bromoform	0.0054	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Isopropylbenzene	0.0054	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Bromobenzene	0.0054	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Trichloropropane[1,2,3-]	0.0054	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Tetrachloroethane[1,1,2,2-]	0.0054	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Propylbenzene[1-]	0.0054	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Chlorotoluene[2-]	0.0054	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-05114	0121-97-0904	8.0–10.0	ALLH	Chlorotoluene[4-]	0.0054	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Trimethylbenzene[1,3,5-]	0.0054	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Butylbenzene[tert-]	0.0054	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Trimethylbenzene[1,2,4-]	0.0054	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Butylbenzene[sec-]	0.0054	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Dichlorobenzene[1,3-]	0.0054	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Dichlorobenzene[1,4-]	0.0054	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Isopropyltoluene[4-]	0.0054	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Dichlorobenzene[1,2-]	0.0054	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Butylbenzene[n-]	0.0054	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Dibromo-3-chloropropane[1,2-]	0.011	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0054	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Nitrosodimethylamine[N-]	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Aniline	0.71	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Phenol	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Bis(2-chloroethyl)ether	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Chlorophenol[2-]	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Dichlorobenzene[1,3-]	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Dichlorobenzene[1,4-]	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Dichlorobenzene[1,2-]	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Methylphenol[2-]	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Methylphenol[4-]	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Hexachloroethane	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Nitrobenzene	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Isophorone	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Nitrophenol[2-]	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Dimethylphenol[2,4-]	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Benzoic acid	3.5	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Bis(2-chloroethoxy)methane	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Dichlorophenol[2,4-]	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Trichlorobenzene[1,2,4-]	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Naphthalene	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Chloroaniline[4-]	1.4	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Hexachlorobutadiene	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Chloro-3-methylphenol[4-]	0.71	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Methylnaphthalene[2-]	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Hexachlorocyclopentadiene	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Trichlorophenol[2,4,6-]	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Trichlorophenol[2,4,5-]	1.7	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Chloronaphthalene[2-]	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Nitroaniline[2-]	1.7	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Dimethyl phthalate	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Acenaphthylene	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Nitroaniline[3-]	1.7	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Acenaphthene	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Dinitrophenol[2,4-]	1.7	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Nitrophenol[4-]	1.7	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Dibenzofuran	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Dinitrotoluene[2,4-]	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Dinitrotoluene[2,6-]	0.35	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-05114	0121-97-0904	8.0–10.0	ALLH	Diethylphthalate	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Chlorophenyl-phenyl[4-] ether	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Fluorene	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Nitroaniline[4-]	0.71	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Nitrosodiphenylamine[N-]	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Azobenzene	0.71	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Bromophenyl-phenylether[4-]	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Hexachlorobenzene	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Pentachlorophenol	1.7	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Phenanthrene	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Anthracene	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Di-n-butylphthalate	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Fluoranthene	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Pyrene	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Butylbenzylphthalate	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Dichlorobenzidine[3,3'-]	0.71	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Benzo(a)anthracene	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Bis(2-ethylhexyl)phthalate	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Chrysene	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Di-n-octylphthalate	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Benzo(b)fluoranthene	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Benzo(k)fluoranthene	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Benzo(a)pyrene	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Dibenz(a,h)anthracene	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Benzo(g,h,i)perylene	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Benzyl alcohol	1.4	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Lead	9.4	mg/kg	J-
21-05114	0121-97-0904	8.0–10.0	ALLH	Thallium	0.27	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Selenium	0.22	mg/kg	UJ
21-05114	0121-97-0904	8.0–10.0	ALLH	Arsenic	0.97	mg/kg	None
21-05114	0121-97-0904	8.0–10.0	ALLH	Mercury	0.11	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Aluminum	3900	mg/kg	None
21-05114	0121-97-0904	8.0–10.0	ALLH	Antimony	11	mg/kg	UJ
21-05114	0121-97-0904	8.0–10.0	ALLH	Barium	52	mg/kg	None
21-05114	0121-97-0904	8.0–10.0	ALLH	Beryllium	0.54	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Cadmium	0.54	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Calcium	2500	mg/kg	None
21-05114	0121-97-0904	8.0–10.0	ALLH	Chromium	4.5	mg/kg	None
21-05114	0121-97-0904	8.0–10.0	ALLH	Cobalt	1.6	mg/kg	None
21-05114	0121-97-0904	8.0–10.0	ALLH	Copper	2.7	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Iron	6600	mg/kg	None
21-05114	0121-97-0904	8.0–10.0	ALLH	Magnesium	860	mg/kg	None
21-05114	0121-97-0904	8.0–10.0	ALLH	Manganese	200	mg/kg	J-
21-05114	0121-97-0904	8.0–10.0	ALLH	Nickel	4.2	mg/kg	None
21-05114	0121-97-0904	8.0–10.0	ALLH	Potassium	1100	mg/kg	None
21-05114	0121-97-0904	8.0–10.0	ALLH	Silver	2.2	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Sodium	100	mg/kg	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Vanadium	6	mg/kg	None

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-05114	0121-97-0904	8.0–10.0	ALLH	Zinc	24	mg/kg	J-
21-05114	0121-97-0904	8.0–10.0	ALLH	Uranium-234	0.29	pCi/g	None
21-05114	0121-97-0904	8.0–10.0	ALLH	Uranium-235	0.011	pCi/g	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Uranium-238	0.294	pCi/g	None
21-05114	0121-97-0904	8.0–10.0	ALLH	Thorium-227	0.027	pCi/g	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Thorium-228	0.466	pCi/g	None
21-05114	0121-97-0904	8.0–10.0	ALLH	Thorium-230	0.317	pCi/g	None
21-05114	0121-97-0904	8.0–10.0	ALLH	Thorium-232	0.526	pCi/g	None
21-05114	0121-97-0904	8.0–10.0	ALLH	Americium-241	0	pCi/g	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Cobalt-60	-0.017	pCi/g	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Cesium-137	0.024	pCi/g	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Europium-152	0.251	pCi/g	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Sodium-22	-0.002	pCi/g	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Ruthenium-106	0.23	pCi/g	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Gross alpha	1.38	pCi/g	None
21-05114	0121-97-0904	8.0–10.0	ALLH	Gross beta	1.42	pCi/g	None
21-05114	0121-97-0904	8.0–10.0	ALLH	Plutonium-238	0	pCi/g	U
21-05114	0121-97-0904	8.0–10.0	ALLH	Plutonium-239	0.016	pCi/g	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Dichlorodifluoromethane	0.011	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Chloromethane	0.011	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Vinyl chloride	0.011	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Bromomethane	0.011	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Chloroethane	0.011	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Trichlorofluoromethane	0.0054	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Dichloroethene[1,1-]	0.0054	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Iodomethane	0.0054	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Carbon disulfide	0.0054	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Acetone	0.022	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Methylene chloride	0.0054	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Dichloroethene[trans-1,2-]	0.011	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Dichloroethane[1,1-]	0.0054	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Dichloropropane[2,2-]	0.0054	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Dichloroethene[cis-1,2-]	0.011	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Butanone[2-]	0.022	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Bromochloromethane	0.0054	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Chloroform	0.0054	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Trichloroethane[1,1,1-]	0.0054	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Carbon tetrachloride	0.0054	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Dichloropropene[1,1-]	0.0054	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Benzene	0.0054	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Dichloroethane[1,2-]	0.0054	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Trichloroethene	0.0054	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Dichloropropane[1,2-]	0.0054	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Dibromomethane	0.0054	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Bromodichloromethane	0.0054	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Dichloropropene[trans-1,3-]	0.0054	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Methyl-2-pentanone[4-]	0.022	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Toluene	0.0054	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Dichloropropene[cis-1,3-]	0.0054	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Trichloroethane[1,1,2-]	0.0054	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Tetrachloroethene	0.0054	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-05115	0121-97-0905	8.0–10.0	ALLH	Dichloropropane[1,3-]	0.0054	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Chlorodibromomethane	0.0054	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Hexanone[2-]	0.022	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Dibromoethane[1,2-]	0.0054	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Chlorobenzene	0.0054	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Tetrachloroethane[1,1,1,2-]	0.0054	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Ethylbenzene	0.0054	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Xylene (total)	0.0054	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Styrene	0.0054	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Bromoform	0.0054	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Isopropylbenzene	0.0054	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Bromobenzene	0.0054	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Trichloropropane[1,2,3-]	0.0054	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Tetrachloroethane[1,1,2,2-]	0.0054	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Propylbenzene[1-]	0.0054	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Chlorotoluene[2-]	0.0054	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Chlorotoluene[4-]	0.0054	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Trimethylbenzene[1,3,5-]	0.0054	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Butylbenzene[tert-]	0.0054	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Trimethylbenzene[1,2,4-]	0.0054	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Butylbenzene[sec-]	0.0054	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Dichlorobenzene[1,3-]	0.0054	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Dichlorobenzene[1,4-]	0.0054	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Isopropyltoluene[4-]	0.0054	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Dichlorobenzene[1,2-]	0.0054	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Butylbenzene[n-]	0.0054	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Dibromo-3-chloropropane[1,2-]	0.011	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0054	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Nitrosodimethylamine[N-]	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Aniline	0.71	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Phenol	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Bis(2-chloroethyl)ether	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Chlorophenol[2-]	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Dichlorobenzene[1,3-]	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Dichlorobenzene[1,4-]	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Dichlorobenzene[1,2-]	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Methylphenol[2-]	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Methylphenol[4-]	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Hexachloroethane	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Nitrobenzene	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Isophorone	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Nitrophenol[2-]	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Dimethylphenol[2,4-]	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Benzoic acid	3.5	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Bis(2-chloroethoxy)methane	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Dichlorophenol[2,4-]	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Trichlorobenzene[1,2,4-]	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Naphthalene	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Chloroaniline[4-]	1.4	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Hexachlorobutadiene	0.35	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-05115	0121-97-0905	8.0–10.0	ALLH	Chloro-3-methylphenol[4-]	0.71	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Methylnaphthalene[2-]	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Hexachlorocyclopentadiene	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Trichlorophenol[2,4,6-]	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Trichlorophenol[2,4,5-]	1.7	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Chloronaphthalene[2-]	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Nitroaniline[2-]	1.7	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Dimethyl phthalate	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Acenaphthylene	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Nitroaniline[3-]	1.7	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Acenaphthene	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Dinitrophenol[2,4-]	1.7	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Nitrophenol[4-]	1.7	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Dibenzofuran	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Dinitrotoluene[2,4-]	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Dinitrotoluene[2,6-]	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Diethylphthalate	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Chlorophenyl-phenyl[4-] ether	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Fluorene	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Nitroaniline[4-]	0.71	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Nitrosodiphenylamine[N-]	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Azobenzene	0.71	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Bromophenyl-phenylether[4-]	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Hexachlorobenzene	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Pentachlorophenol	1.7	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Phenanthrene	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Anthracene	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Di-n-butylphthalate	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Fluoranthene	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Pyrene	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Butylbenzylphthalate	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Dichlorobenzidine[3,3'-]	0.71	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Benzo(a)anthracene	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Bis(2-ethylhexyl)phthalate	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Chrysene	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Di-n-octylphthalate	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Benzo(b)fluoranthene	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Benzo(k)fluoranthene	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Benzo(a)pyrene	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Dibenz(a,h)anthracene	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Benzo(g,h,i)perylene	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Benzyl alcohol	1.4	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Selenium	0.22	mg/kg	UJ
21-05115	0121-97-0905	8.0–10.0	ALLH	Lead	11	mg/kg	J-
21-05115	0121-97-0905	8.0–10.0	ALLH	Thallium	0.27	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Arsenic	1.1	mg/kg	None
21-05115	0121-97-0905	8.0–10.0	ALLH	Mercury	0.11	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Aluminum	3300	mg/kg	None

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-05115	0121-97-0905	8.0–10.0	ALLH	Antimony	11	mg/kg	UJ
21-05115	0121-97-0905	8.0–10.0	ALLH	Barium	49	mg/kg	None
21-05115	0121-97-0905	8.0–10.0	ALLH	Beryllium	0.54	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Cadmium	0.54	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Calcium	3000	mg/kg	None
21-05115	0121-97-0905	8.0–10.0	ALLH	Chromium	5.3	mg/kg	None
21-05115	0121-97-0905	8.0–10.0	ALLH	Cobalt	1.5	mg/kg	None
21-05115	0121-97-0905	8.0–10.0	ALLH	Copper	3.2	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Iron	6000	mg/kg	None
21-05115	0121-97-0905	8.0–10.0	ALLH	Magnesium	850	mg/kg	None
21-05115	0121-97-0905	8.0–10.0	ALLH	Manganese	180	mg/kg	J-
21-05115	0121-97-0905	8.0–10.0	ALLH	Nickel	4.6	mg/kg	None
21-05115	0121-97-0905	8.0–10.0	ALLH	Potassium	980	mg/kg	None
21-05115	0121-97-0905	8.0–10.0	ALLH	Silver	2.2	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Sodium	100	mg/kg	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Vanadium	5.5	mg/kg	None
21-05115	0121-97-0905	8.0–10.0	ALLH	Zinc	24	mg/kg	J-
21-05115	0121-97-0905	8.0–10.0	ALLH	Uranium-234	0.178	pCi/g	None
21-05115	0121-97-0905	8.0–10.0	ALLH	Uranium-235	0.012	pCi/g	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Uranium-238	0.176	pCi/g	None
21-05115	0121-97-0905	8.0–10.0	ALLH	Thorium-227	0.058	pCi/g	None
21-05115	0121-97-0905	8.0–10.0	ALLH	Thorium-228	0.535	pCi/g	None
21-05115	0121-97-0905	8.0–10.0	ALLH	Thorium-230	0.374	pCi/g	None
21-05115	0121-97-0905	8.0–10.0	ALLH	Thorium-232	0.558	pCi/g	None
21-05115	0121-97-0905	8.0–10.0	ALLH	Americium-241	0.01	pCi/g	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Cobalt-60	-0.023	pCi/g	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Cesium-137	0.121	pCi/g	None
21-05115	0121-97-0905	8.0–10.0	ALLH	Europium-152	0.156	pCi/g	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Sodium-22	-0.028	pCi/g	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Ruthenium-106	0.003	pCi/g	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Gross alpha	1.57	pCi/g	None
21-05115	0121-97-0905	8.0–10.0	ALLH	Gross beta	1.5	pCi/g	None
21-05115	0121-97-0905	8.0–10.0	ALLH	Plutonium-238	0.023	pCi/g	U
21-05115	0121-97-0905	8.0–10.0	ALLH	Plutonium-239	0.099	pCi/g	None
21-05362	0121-97-1221	0.0–0.5	ALLH	Americium-241	0.048	pCi/g	U
21-05362	0121-97-1221	0.0–0.5	ALLH	Cobalt-60	-0.0458	pCi/g	U
21-05362	0121-97-1221	0.0–0.5	ALLH	Cesium-134	0.009	pCi/g	U
21-05362	0121-97-1221	0.0–0.5	ALLH	Cesium-137	0.113	pCi/g	None
21-05362	0121-97-1221	0.0–0.5	ALLH	Europium-152	-0.045	pCi/g	U
21-05362	0121-97-1221	0.0–0.5	ALLH	Sodium-22	-0.0079	pCi/g	U
21-05362	0121-97-1221	0.0–0.5	ALLH	Ruthenium-106	0.178	pCi/g	U
21-05362	0121-97-1221	0.0–0.5	ALLH	Thorium-228	1.2	pCi/g	None
21-05362	0121-97-1221	0.0–0.5	ALLH	Thorium-230	0.973	pCi/g	None
21-05362	0121-97-1221	0.0–0.5	ALLH	Thorium-232	1.34	pCi/g	None
21-05362	0121-97-1221	0.0–0.5	ALLH	Uranium-234	7.25	pCi/g	None
21-05362	0121-97-1221	0.0–0.5	ALLH	Uranium-235	0.306	pCi/g	None
21-05362	0121-97-1221	0.0–0.5	ALLH	Uranium-238	3.45	pCi/g	None
21-05362	0121-97-1221	0.0–0.5	ALLH	Tritium	0.61	pCi/g	None
21-05362	0121-97-1221	0.0–0.5	ALLH	Aluminum	4570	mg/kg	None
21-05362	0121-97-1221	0.0–0.5	ALLH	Antimony	6.6	mg/kg	J
21-05362	0121-97-1221	0.0–0.5	ALLH	Barium	234	mg/kg	None

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-05362	0121-97-1221	0.0–0.5	ALLH	Beryllium	0.69	mg/kg	J
21-05362	0121-97-1221	0.0–0.5	ALLH	Cadmium	1	mg/kg	J
21-05362	0121-97-1221	0.0–0.5	ALLH	Calcium	3080	mg/kg	None
21-05362	0121-97-1221	0.0–0.5	ALLH	Chromium	42.5	mg/kg	None
21-05362	0121-97-1221	0.0–0.5	ALLH	Cobalt	5.2	mg/kg	J
21-05362	0121-97-1221	0.0–0.5	ALLH	Copper	17.1	mg/kg	None
21-05362	0121-97-1221	0.0–0.5	ALLH	Iron	6300	mg/kg	None
21-05362	0121-97-1221	0.0–0.5	ALLH	Lead	144	mg/kg	None
21-05362	0121-97-1221	0.0–0.5	ALLH	Magnesium	1010	mg/kg	J
21-05362	0121-97-1221	0.0–0.5	ALLH	Manganese	172	mg/kg	J+
21-05362	0121-97-1221	0.0–0.5	ALLH	Nickel	4.4	mg/kg	J
21-05362	0121-97-1221	0.0–0.5	ALLH	Potassium	1040	mg/kg	J
21-05362	0121-97-1221	0.0–0.5	ALLH	Silver	1.4	mg/kg	U
21-05362	0121-97-1221	0.0–0.5	ALLH	Sodium	147	mg/kg	J
21-05362	0121-97-1221	0.0–0.5	ALLH	Vanadium	33.1	mg/kg	None
21-05362	0121-97-1221	0.0–0.5	ALLH	Zinc	199	mg/kg	None
21-05362	0121-97-1221	0.0–0.5	ALLH	Thallium	0.21	mg/kg	UJ
21-05362	0121-97-1221	0.0–0.5	ALLH	Arsenic	5.7	mg/kg	J-
21-05362	0121-97-1221	0.0–0.5	ALLH	Selenium	0.5	mg/kg	J-
21-05362	0121-97-1221	0.0–0.5	ALLH	Mercury	9.1	mg/kg	None
21-05425	0121-97-1222	1.5–2.0	ALLH	Cobalt-60	0.004	pCi/g	U
21-05425	0121-97-1222	1.5–2.0	ALLH	Cesium-134	-0.009	pCi/g	U
21-05425	0121-97-1222	1.5–2.0	ALLH	Americium-241	-0.032	pCi/g	U
21-05425	0121-97-1222	1.5–2.0	ALLH	Cesium-137	0.0238	pCi/g	U
21-05425	0121-97-1222	1.5–2.0	ALLH	Europium-152	0.028	pCi/g	U
21-05425	0121-97-1222	1.5–2.0	ALLH	Sodium-22	0.0191	pCi/g	U
21-05425	0121-97-1222	1.5–2.0	ALLH	Ruthenium-106	-0.144	pCi/g	U
21-05425	0121-97-1222	1.5–2.0	ALLH	Thorium-228	1.51	pCi/g	None
21-05425	0121-97-1222	1.5–2.0	ALLH	Thorium-230	1.05	pCi/g	None
21-05425	0121-97-1222	1.5–2.0	ALLH	Thorium-232	1.55	pCi/g	None
21-05425	0121-97-1222	1.5–2.0	ALLH	Uranium-234	0.82	pCi/g	None
21-05425	0121-97-1222	1.5–2.0	ALLH	Uranium-235	0.0451	pCi/g	None
21-05425	0121-97-1222	1.5–2.0	ALLH	Uranium-238	0.768	pCi/g	None
21-05425	0121-97-1222	1.5–2.0	ALLH	Tritium	0.05	pCi/g	None
21-05425	0121-97-1222	1.5–2.0	ALLH	Aluminum	2020	mg/kg	None
21-05425	0121-97-1222	1.5–2.0	ALLH	Antimony	5.6	mg/kg	U
21-05425	0121-97-1222	1.5–2.0	ALLH	Barium	28.4	mg/kg	J
21-05425	0121-97-1222	1.5–2.0	ALLH	Beryllium	0.55	mg/kg	J
21-05425	0121-97-1222	1.5–2.0	ALLH	Cadmium	0.85	mg/kg	U
21-05425	0121-97-1222	1.5–2.0	ALLH	Calcium	841	mg/kg	J
21-05425	0121-97-1222	1.5–2.0	ALLH	Cobalt	1.7	mg/kg	J
21-05425	0121-97-1222	1.5–2.0	ALLH	Copper	1.8	mg/kg	J
21-05425	0121-97-1222	1.5–2.0	ALLH	Iron	2820	mg/kg	None
21-05425	0121-97-1222	1.5–2.0	ALLH	Magnesium	392	mg/kg	J
21-05425	0121-97-1222	1.5–2.0	ALLH	Manganese	134	mg/kg	J+
21-05425	0121-97-1222	1.5–2.0	ALLH	Nickel	2.3	mg/kg	U
21-05425	0121-97-1222	1.5–2.0	ALLH	Potassium	479	mg/kg	J
21-05425	0121-97-1222	1.5–2.0	ALLH	Silver	1.4	mg/kg	U
21-05425	0121-97-1222	1.5–2.0	ALLH	Sodium	98.2	mg/kg	J
21-05425	0121-97-1222	1.5–2.0	ALLH	Vanadium	4.1	mg/kg	J
21-05425	0121-97-1222	1.5–2.0	ALLH	Zinc	10.3	mg/kg	None

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-05425	0121-97-1222	1.5–2.0	ALLH	Thallium	0.21	mg/kg	UJ
21-05425	0121-97-1222	1.5–2.0	ALLH	Arsenic	0.82	mg/kg	J-
21-05425	0121-97-1222	1.5–2.0	ALLH	Selenium	0.3	mg/kg	UJ
21-05425	0121-97-1222	1.5–2.0	ALLH	Lead	5.3	mg/kg	None
21-05425	0121-97-1222	1.5–2.0	ALLH	Mercury	0.05	mg/kg	U
21-05425	0121-97-1222	1.5–2.0	ALLH	Chromium	2.6	mg/kg	None
21-05362	0121-97-1223	0.5–1.0	ALLH	Americium-241	-0.0053	pCi/g	U
21-05362	0121-97-1223	0.5–1.0	ALLH	Cobalt-60	-0.028	pCi/g	U
21-05362	0121-97-1223	0.5–1.0	ALLH	Cesium-134	0.0049	pCi/g	U
21-05362	0121-97-1223	0.5–1.0	ALLH	Cesium-137	0.1531	pCi/g	None
21-05362	0121-97-1223	0.5–1.0	ALLH	Europium-152	-0.0117	pCi/g	U
21-05362	0121-97-1223	0.5–1.0	ALLH	Sodium-22	0.024	pCi/g	U
21-05362	0121-97-1223	0.5–1.0	ALLH	Ruthenium-106	-0.048	pCi/g	U
21-05362	0121-97-1223	0.5–1.0	ALLH	Thorium-228	1.41	pCi/g	None
21-05362	0121-97-1223	0.5–1.0	ALLH	Thorium-230	0.912	pCi/g	None
21-05362	0121-97-1223	0.5–1.0	ALLH	Thorium-232	1.37	pCi/g	None
21-05362	0121-97-1223	0.5–1.0	ALLH	Uranium-234	4.95	pCi/g	None
21-05362	0121-97-1223	0.5–1.0	ALLH	Uranium-235	0.189	pCi/g	None
21-05362	0121-97-1223	0.5–1.0	ALLH	Uranium-238	2.39	pCi/g	None
21-05362	0121-97-1223	0.5–1.0	ALLH	Tritium	0.41	pCi/g	None
21-05362	0121-97-1223	0.5–1.0	ALLH	Aluminum	3550	mg/kg	None
21-05362	0121-97-1223	0.5–1.0	ALLH	Antimony	5.5	mg/kg	U
21-05362	0121-97-1223	0.5–1.0	ALLH	Barium	165	mg/kg	None
21-05362	0121-97-1223	0.5–1.0	ALLH	Beryllium	0.58	mg/kg	J
21-05362	0121-97-1223	0.5–1.0	ALLH	Cadmium	0.82	mg/kg	U
21-05362	0121-97-1223	0.5–1.0	ALLH	Calcium	2150	mg/kg	None
21-05362	0121-97-1223	0.5–1.0	ALLH	Chromium	25	mg/kg	None
21-05362	0121-97-1223	0.5–1.0	ALLH	Cobalt	4.2	mg/kg	J
21-05362	0121-97-1223	0.5–1.0	ALLH	Copper	11.5	mg/kg	None
21-05362	0121-97-1223	0.5–1.0	ALLH	Iron	5530	mg/kg	None
21-05362	0121-97-1223	0.5–1.0	ALLH	Lead	83.6	mg/kg	None
21-05362	0121-97-1223	0.5–1.0	ALLH	Magnesium	742	mg/kg	J
21-05362	0121-97-1223	0.5–1.0	ALLH	Manganese	189	mg/kg	J+
21-05362	0121-97-1223	0.5–1.0	ALLH	Nickel	4.3	mg/kg	J
21-05362	0121-97-1223	0.5–1.0	ALLH	Potassium	846	mg/kg	J
21-05362	0121-97-1223	0.5–1.0	ALLH	Silver	1.4	mg/kg	U
21-05362	0121-97-1223	0.5–1.0	ALLH	Sodium	168	mg/kg	J
21-05362	0121-97-1223	0.5–1.0	ALLH	Vanadium	25.1	mg/kg	None
21-05362	0121-97-1223	0.5–1.0	ALLH	Zinc	128	mg/kg	None
21-05362	0121-97-1223	0.5–1.0	ALLH	Thallium	0.21	mg/kg	UJ
21-05362	0121-97-1223	0.5–1.0	ALLH	Arsenic	4.5	mg/kg	J-
21-05362	0121-97-1223	0.5–1.0	ALLH	Selenium	0.29	mg/kg	J-
21-05362	0121-97-1223	0.5–1.0	ALLH	Mercury	5.1	mg/kg	None
21-05379	0121-97-1224	0.5–1.0	ALLH	Sodium-22	0.031	pCi/g	U
21-05379	0121-97-1224	0.5–1.0	ALLH	Ruthenium-106	-0.027	pCi/g	U
21-05379	0121-97-1224	0.5–1.0	ALLH	Americium-241	0.027	pCi/g	U
21-05379	0121-97-1224	0.5–1.0	ALLH	Cobalt-60	0.0037	pCi/g	U
21-05379	0121-97-1224	0.5–1.0	ALLH	Cesium-134	0.01	pCi/g	U
21-05379	0121-97-1224	0.5–1.0	ALLH	Cesium-137	0.149	pCi/g	None
21-05379	0121-97-1224	0.5–1.0	ALLH	Europium-152	-0.034	pCi/g	U
21-05379	0121-97-1224	0.5–1.0	ALLH	Thorium-228	1.25	pCi/g	None

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-05379	0121-97-1224	0.5–1.0	ALLH	Thorium-230	0.932	pCi/g	None
21-05379	0121-97-1224	0.5–1.0	ALLH	Thorium-232	1.18	pCi/g	None
21-05379	0121-97-1224	0.5–1.0	ALLH	Uranium-234	4.93	pCi/g	None
21-05379	0121-97-1224	0.5–1.0	ALLH	Uranium-235	0.178	pCi/g	None
21-05379	0121-97-1224	0.5–1.0	ALLH	Uranium-238	2.25	pCi/g	None
21-05379	0121-97-1224	0.5–1.0	ALLH	Tritium	0.45	pCi/g	None
21-05379	0121-97-1224	0.5–1.0	ALLH	Aluminum	4260	mg/kg	None
21-05379	0121-97-1224	0.5–1.0	ALLH	Antimony	5.7	mg/kg	U
21-05379	0121-97-1224	0.5–1.0	ALLH	Barium	198	mg/kg	None
21-05379	0121-97-1224	0.5–1.0	ALLH	Beryllium	0.61	mg/kg	J
21-05379	0121-97-1224	0.5–1.0	ALLH	Cadmium	0.86	mg/kg	U
21-05379	0121-97-1224	0.5–1.0	ALLH	Calcium	2130	mg/kg	None
21-05379	0121-97-1224	0.5–1.0	ALLH	Chromium	26.5	mg/kg	None
21-05379	0121-97-1224	0.5–1.0	ALLH	Cobalt	3.6	mg/kg	J
21-05379	0121-97-1224	0.5–1.0	ALLH	Copper	14.1	mg/kg	None
21-05379	0121-97-1224	0.5–1.0	ALLH	Iron	5920	mg/kg	None
21-05379	0121-97-1224	0.5–1.0	ALLH	Lead	76.9	mg/kg	None
21-05379	0121-97-1224	0.5–1.0	ALLH	Magnesium	953	mg/kg	J
21-05379	0121-97-1224	0.5–1.0	ALLH	Manganese	214	mg/kg	J+
21-05379	0121-97-1224	0.5–1.0	ALLH	Nickel	2.6	mg/kg	J
21-05379	0121-97-1224	0.5–1.0	ALLH	Potassium	934	mg/kg	J
21-05379	0121-97-1224	0.5–1.0	ALLH	Silver	1.5	mg/kg	U
21-05379	0121-97-1224	0.5–1.0	ALLH	Sodium	109	mg/kg	J
21-05379	0121-97-1224	0.5–1.0	ALLH	Vanadium	30	mg/kg	None
21-05379	0121-97-1224	0.5–1.0	ALLH	Zinc	162	mg/kg	None
21-05379	0121-97-1224	0.5–1.0	ALLH	Thallium	0.22	mg/kg	UJ
21-05379	0121-97-1224	0.5–1.0	ALLH	Arsenic	4.1	mg/kg	J-
21-05379	0121-97-1224	0.5–1.0	ALLH	Selenium	0.41	mg/kg	J-
21-05379	0121-97-1224	0.5–1.0	ALLH	Mercury	7.2	mg/kg	None
21-05379	0121-97-1225	0.5–1.0	ALLH	Americium-241	-0.136	pCi/g	U
21-05379	0121-97-1225	0.5–1.0	ALLH	Cobalt-60	-0.0147	pCi/g	U
21-05379	0121-97-1225	0.5–1.0	ALLH	Cesium-134	-0.0141	pCi/g	U
21-05379	0121-97-1225	0.5–1.0	ALLH	Cesium-137	0.0311	pCi/g	U
21-05379	0121-97-1225	0.5–1.0	ALLH	Europium-152	-0.0589	pCi/g	U
21-05379	0121-97-1225	0.5–1.0	ALLH	Sodium-22	-0.0171	pCi/g	U
21-05379	0121-97-1225	0.5–1.0	ALLH	Ruthenium-106	0.081	pCi/g	U
21-05379	0121-97-1225	0.5–1.0	ALLH	Thorium-228	1.46	pCi/g	None
21-05379	0121-97-1225	0.5–1.0	ALLH	Thorium-230	0.89	pCi/g	None
21-05379	0121-97-1225	0.5–1.0	ALLH	Thorium-232	1.38	pCi/g	None
21-05379	0121-97-1225	0.5–1.0	ALLH	Uranium-234	2.21	pCi/g	None
21-05379	0121-97-1225	0.5–1.0	ALLH	Uranium-235	0.0901	pCi/g	None
21-05379	0121-97-1225	0.5–1.0	ALLH	Uranium-238	1.23	pCi/g	None
21-05379	0121-97-1225	0.5–1.0	ALLH	Tritium	0.23	pCi/g	None
21-05379	0121-97-1225	0.5–1.0	ALLH	Aluminum	1910	mg/kg	None
21-05379	0121-97-1225	0.5–1.0	ALLH	Antimony	5.9	mg/kg	U
21-05379	0121-97-1225	0.5–1.0	ALLH	Barium	76.2	mg/kg	None
21-05379	0121-97-1225	0.5–1.0	ALLH	Beryllium	0.42	mg/kg	J
21-05379	0121-97-1225	0.5–1.0	ALLH	Cadmium	0.89	mg/kg	U
21-05379	0121-97-1225	0.5–1.0	ALLH	Calcium	1100	mg/kg	J
21-05379	0121-97-1225	0.5–1.0	ALLH	Chromium	8.3	mg/kg	None
21-05379	0121-97-1225	0.5–1.0	ALLH	Cobalt	1.9	mg/kg	J

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-05379	0121-97-1225	0.5–1.0	ALLH	Copper	4.9	mg/kg	J
21-05379	0121-97-1225	0.5–1.0	ALLH	Iron	3080	mg/kg	None
21-05379	0121-97-1225	0.5–1.0	ALLH	Magnesium	400	mg/kg	J
21-05379	0121-97-1225	0.5–1.0	ALLH	Manganese	164	mg/kg	J+
21-05379	0121-97-1225	0.5–1.0	ALLH	Nickel	3.6	mg/kg	J
21-05379	0121-97-1225	0.5–1.0	ALLH	Potassium	463	mg/kg	J
21-05379	0121-97-1225	0.5–1.0	ALLH	Silver	1.5	mg/kg	U
21-05379	0121-97-1225	0.5–1.0	ALLH	Sodium	125	mg/kg	J
21-05379	0121-97-1225	0.5–1.0	ALLH	Vanadium	12.7	mg/kg	None
21-05379	0121-97-1225	0.5–1.0	ALLH	Zinc	58.3	mg/kg	None
21-05379	0121-97-1225	0.5–1.0	ALLH	Thallium	0.22	mg/kg	UJ
21-05379	0121-97-1225	0.5–1.0	ALLH	Arsenic	2.5	mg/kg	J-
21-05379	0121-97-1225	0.5–1.0	ALLH	Selenium	0.33	mg/kg	J-
21-05379	0121-97-1225	0.5–1.0	ALLH	Lead	21.6	mg/kg	None
21-05379	0121-97-1225	0.5–1.0	ALLH	Mercury	2.4	mg/kg	None
21-05357	0121-97-1226	0.5–1.0	ALLH	Americium-241	0.0438	pCi/g	U
21-05357	0121-97-1226	0.5–1.0	ALLH	Cobalt-60	-0.0097	pCi/g	U
21-05357	0121-97-1226	0.5–1.0	ALLH	Cesium-134	0.005	pCi/g	U
21-05357	0121-97-1226	0.5–1.0	ALLH	Cesium-137	0.248	pCi/g	None
21-05357	0121-97-1226	0.5–1.0	ALLH	Europium-152	-0.0022	pCi/g	U
21-05357	0121-97-1226	0.5–1.0	ALLH	Sodium-22	-0.023	pCi/g	U
21-05357	0121-97-1226	0.5–1.0	ALLH	Ruthenium-106	-0.189	pCi/g	U
21-05357	0121-97-1226	0.5–1.0	ALLH	Thorium-228	1.37	pCi/g	None
21-05357	0121-97-1226	0.5–1.0	ALLH	Thorium-230	1.24	pCi/g	None
21-05357	0121-97-1226	0.5–1.0	ALLH	Thorium-232	1.41	pCi/g	None
21-05357	0121-97-1226	0.5–1.0	ALLH	Uranium-234	1.11	pCi/g	None
21-05357	0121-97-1226	0.5–1.0	ALLH	Uranium-235	0.0541	pCi/g	None
21-05357	0121-97-1226	0.5–1.0	ALLH	Uranium-238	1.12	pCi/g	None
21-05357	0121-97-1226	0.5–1.0	ALLH	Tritium	0.11	pCi/g	None
21-05357	0121-97-1226	0.5–1.0	ALLH	Aluminum	7520	mg/kg	None
21-05357	0121-97-1226	0.5–1.0	ALLH	Antimony	5.9	mg/kg	U
21-05357	0121-97-1226	0.5–1.0	ALLH	Barium	102	mg/kg	None
21-05357	0121-97-1226	0.5–1.0	ALLH	Beryllium	0.77	mg/kg	J
21-05357	0121-97-1226	0.5–1.0	ALLH	Cadmium	0.89	mg/kg	U
21-05357	0121-97-1226	0.5–1.0	ALLH	Calcium	2150	mg/kg	None
21-05357	0121-97-1226	0.5–1.0	ALLH	Chromium	7.7	mg/kg	None
21-05357	0121-97-1226	0.5–1.0	ALLH	Cobalt	5.9	mg/kg	J
21-05357	0121-97-1226	0.5–1.0	ALLH	Copper	7.1	mg/kg	None
21-05357	0121-97-1226	0.5–1.0	ALLH	Iron	9820	mg/kg	None
21-05357	0121-97-1226	0.5–1.0	ALLH	Magnesium	1600	mg/kg	None
21-05357	0121-97-1226	0.5–1.0	ALLH	Manganese	373	mg/kg	J+
21-05357	0121-97-1226	0.5–1.0	ALLH	Nickel	7	mg/kg	J
21-05357	0121-97-1226	0.5–1.0	ALLH	Potassium	1650	mg/kg	None
21-05357	0121-97-1226	0.5–1.0	ALLH	Silver	1.5	mg/kg	U
21-05357	0121-97-1226	0.5–1.0	ALLH	Sodium	112	mg/kg	J
21-05357	0121-97-1226	0.5–1.0	ALLH	Vanadium	17.7	mg/kg	None
21-05357	0121-97-1226	0.5–1.0	ALLH	Zinc	29.3	mg/kg	None
21-05357	0121-97-1226	0.5–1.0	ALLH	Thallium	0.22	mg/kg	UJ
21-05357	0121-97-1226	0.5–1.0	ALLH	Arsenic	2.1	mg/kg	J-
21-05357	0121-97-1226	0.5–1.0	ALLH	Selenium	0.36	mg/kg	J-
21-05357	0121-97-1226	0.5–1.0	ALLH	Mercury	0.07	mg/kg	J

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-05357	0121-97-1226	0.5–1.0	ALLH	Lead	12.9	mg/kg	None
21-05422	0121-97-1227	0.5–1.0	ALLH	Cobalt-60	0.024	pCi/g	U
21-05422	0121-97-1227	0.5–1.0	ALLH	Cesium-134	-0.0132	pCi/g	U
21-05422	0121-97-1227	0.5–1.0	ALLH	Cesium-137	0.1431	pCi/g	None
21-05422	0121-97-1227	0.5–1.0	ALLH	Europium-152	0.0683	pCi/g	U
21-05422	0121-97-1227	0.5–1.0	ALLH	Sodium-22	0.004	pCi/g	U
21-05422	0121-97-1227	0.5–1.0	ALLH	Ruthenium-106	0.256	pCi/g	U
21-05422	0121-97-1227	0.5–1.0	ALLH	Americium-241	0.033	pCi/g	U
21-05422	0121-97-1227	0.5–1.0	ALLH	Thorium-228	1.52	pCi/g	None
21-05422	0121-97-1227	0.5–1.0	ALLH	Thorium-230	0.869	pCi/g	None
21-05422	0121-97-1227	0.5–1.0	ALLH	Thorium-232	1.38	pCi/g	None
21-05422	0121-97-1227	0.5–1.0	ALLH	Uranium-234	1.76	pCi/g	None
21-05422	0121-97-1227	0.5–1.0	ALLH	Uranium-235	0.0653	pCi/g	None
21-05422	0121-97-1227	0.5–1.0	ALLH	Uranium-238	1.14	pCi/g	None
21-05422	0121-97-1227	0.5–1.0	ALLH	Tritium	0.16	pCi/g	None
21-05422	0121-97-1227	0.5–1.0	ALLH	Aluminum	5190	mg/kg	None
21-05422	0121-97-1227	0.5–1.0	ALLH	Antimony	5.7	mg/kg	U
21-05422	0121-97-1227	0.5–1.0	ALLH	Barium	64.1	mg/kg	None
21-05422	0121-97-1227	0.5–1.0	ALLH	Beryllium	0.65	mg/kg	J
21-05422	0121-97-1227	0.5–1.0	ALLH	Cadmium	0.86	mg/kg	U
21-05422	0121-97-1227	0.5–1.0	ALLH	Calcium	1720	mg/kg	None
21-05422	0121-97-1227	0.5–1.0	ALLH	Chromium	7.5	mg/kg	None
21-05422	0121-97-1227	0.5–1.0	ALLH	Cobalt	3.8	mg/kg	J
21-05422	0121-97-1227	0.5–1.0	ALLH	Copper	5.2	mg/kg	J
21-05422	0121-97-1227	0.5–1.0	ALLH	Iron	6630	mg/kg	None
21-05422	0121-97-1227	0.5–1.0	ALLH	Magnesium	964	mg/kg	J
21-05422	0121-97-1227	0.5–1.0	ALLH	Manganese	263	mg/kg	J+
21-05422	0121-97-1227	0.5–1.0	ALLH	Nickel	5.2	mg/kg	J
21-05422	0121-97-1227	0.5–1.0	ALLH	Potassium	1060	mg/kg	J
21-05422	0121-97-1227	0.5–1.0	ALLH	Silver	1.5	mg/kg	U
21-05422	0121-97-1227	0.5–1.0	ALLH	Sodium	136	mg/kg	J
21-05422	0121-97-1227	0.5–1.0	ALLH	Vanadium	13.4	mg/kg	None
21-05422	0121-97-1227	0.5–1.0	ALLH	Zinc	38.9	mg/kg	None
21-05422	0121-97-1227	0.5–1.0	ALLH	Thallium	0.21	mg/kg	UJ
21-05422	0121-97-1227	0.5–1.0	ALLH	Arsenic	2	mg/kg	J-
21-05422	0121-97-1227	0.5–1.0	ALLH	Selenium	0.52	mg/kg	J-
21-05422	0121-97-1227	0.5–1.0	ALLH	Mercury	0.78	mg/kg	None
21-05422	0121-97-1227	0.5–1.0	ALLH	Lead	12.7	mg/kg	None
21-05404	0121-97-1228	0.5–1.0	ALLH	Cesium-134	0.014	pCi/g	U
21-05404	0121-97-1228	0.5–1.0	ALLH	Cesium-137	0.217	pCi/g	None
21-05404	0121-97-1228	0.5–1.0	ALLH	Europium-152	0.0478	pCi/g	U
21-05404	0121-97-1228	0.5–1.0	ALLH	Sodium-22	-0.015	pCi/g	U
21-05404	0121-97-1228	0.5–1.0	ALLH	Americium-241	0.06	pCi/g	U
21-05404	0121-97-1228	0.5–1.0	ALLH	Cobalt-60	0.0057	pCi/g	U
21-05404	0121-97-1228	0.5–1.0	ALLH	Ruthenium-106	-0.211	pCi/g	U
21-05404	0121-97-1228	0.5–1.0	ALLH	Thorium-228	1.45	pCi/g	None
21-05404	0121-97-1228	0.5–1.0	ALLH	Thorium-230	1.06	pCi/g	None
21-05404	0121-97-1228	0.5–1.0	ALLH	Thorium-232	1.36	pCi/g	None
21-05404	0121-97-1228	0.5–1.0	ALLH	Uranium-234	1.28	pCi/g	None
21-05404	0121-97-1228	0.5–1.0	ALLH	Uranium-235	0.0631	pCi/g	None
21-05404	0121-97-1228	0.5–1.0	ALLH	Uranium-238	1.12	pCi/g	None

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-05404	0121-97-1228	0.5–1.0	ALLH	Tritium	0.1	pCi/g	None
21-05404	0121-97-1228	0.5–1.0	ALLH	Aluminum	6680	mg/kg	None
21-05404	0121-97-1228	0.5–1.0	ALLH	Antimony	6	mg/kg	U
21-05404	0121-97-1228	0.5–1.0	ALLH	Barium	118	mg/kg	None
21-05404	0121-97-1228	0.5–1.0	ALLH	Beryllium	0.75	mg/kg	J
21-05404	0121-97-1228	0.5–1.0	ALLH	Cadmium	0.89	mg/kg	U
21-05404	0121-97-1228	0.5–1.0	ALLH	Calcium	2860	mg/kg	None
21-05404	0121-97-1228	0.5–1.0	ALLH	Chromium	7.6	mg/kg	None
21-05404	0121-97-1228	0.5–1.0	ALLH	Cobalt	5.6	mg/kg	J
21-05404	0121-97-1228	0.5–1.0	ALLH	Copper	7.3	mg/kg	None
21-05404	0121-97-1228	0.5–1.0	ALLH	Iron	8970	mg/kg	None
21-05404	0121-97-1228	0.5–1.0	ALLH	Magnesium	1530	mg/kg	None
21-05404	0121-97-1228	0.5–1.0	ALLH	Manganese	405	mg/kg	J+
21-05404	0121-97-1228	0.5–1.0	ALLH	Nickel	6.4	mg/kg	J
21-05404	0121-97-1228	0.5–1.0	ALLH	Potassium	1580	mg/kg	None
21-05404	0121-97-1228	0.5–1.0	ALLH	Silver	1.5	mg/kg	U
21-05404	0121-97-1228	0.5–1.0	ALLH	Sodium	93.4	mg/kg	J
21-05404	0121-97-1228	0.5–1.0	ALLH	Vanadium	16.6	mg/kg	None
21-05404	0121-97-1228	0.5–1.0	ALLH	Zinc	37.4	mg/kg	None
21-05404	0121-97-1228	0.5–1.0	ALLH	Thallium	0.22	mg/kg	UJ
21-05404	0121-97-1228	0.5–1.0	ALLH	Arsenic	2	mg/kg	J-
21-05404	0121-97-1228	0.5–1.0	ALLH	Selenium	0.38	mg/kg	J-
21-05404	0121-97-1228	0.5–1.0	ALLH	Mercury	0.16	mg/kg	None
21-05404	0121-97-1228	0.5–1.0	ALLH	Lead	12.8	mg/kg	None
21-05389	0121-97-1229	0.5–1.0	ALLH	Americium-241	0.118	pCi/g	U
21-05389	0121-97-1229	0.5–1.0	ALLH	Cobalt-60	-0.0027	pCi/g	U
21-05389	0121-97-1229	0.5–1.0	ALLH	Cesium-134	-0.015	pCi/g	U
21-05389	0121-97-1229	0.5–1.0	ALLH	Cesium-137	0.2037	pCi/g	None
21-05389	0121-97-1229	0.5–1.0	ALLH	Europium-152	-0.0258	pCi/g	U
21-05389	0121-97-1229	0.5–1.0	ALLH	Sodium-22	0.011	pCi/g	U
21-05389	0121-97-1229	0.5–1.0	ALLH	Ruthenium-106	0.104	pCi/g	U
21-05389	0121-97-1229	0.5–1.0	ALLH	Thorium-228	1.31	pCi/g	None
21-05389	0121-97-1229	0.5–1.0	ALLH	Thorium-230	0.824	pCi/g	None
21-05389	0121-97-1229	0.5–1.0	ALLH	Thorium-232	1.22	pCi/g	None
21-05389	0121-97-1229	0.5–1.0	ALLH	Uranium-234	0.718	pCi/g	None
21-05389	0121-97-1229	0.5–1.0	ALLH	Uranium-235	0.0315	pCi/g	None
21-05389	0121-97-1229	0.5–1.0	ALLH	Uranium-238	0.678	pCi/g	None
21-05389	0121-97-1229	0.5–1.0	ALLH	Tritium	0.11	pCi/g	None
21-05389	0121-97-1229	0.5–1.0	ALLH	Aluminum	3650	mg/kg	None
21-05389	0121-97-1229	0.5–1.0	ALLH	Antimony	6.1	mg/kg	U
21-05389	0121-97-1229	0.5–1.0	ALLH	Barium	47.7	mg/kg	None
21-05389	0121-97-1229	0.5–1.0	ALLH	Beryllium	0.57	mg/kg	J
21-05389	0121-97-1229	0.5–1.0	ALLH	Cadmium	0.91	mg/kg	U
21-05389	0121-97-1229	0.5–1.0	ALLH	Calcium	1180	mg/kg	None
21-05389	0121-97-1229	0.5–1.0	ALLH	Chromium	4.3	mg/kg	None
21-05389	0121-97-1229	0.5–1.0	ALLH	Cobalt	2.6	mg/kg	J
21-05389	0121-97-1229	0.5–1.0	ALLH	Copper	3	mg/kg	J
21-05389	0121-97-1229	0.5–1.0	ALLH	Iron	5530	mg/kg	None
21-05389	0121-97-1229	0.5–1.0	ALLH	Magnesium	633	mg/kg	J
21-05389	0121-97-1229	0.5–1.0	ALLH	Manganese	278	mg/kg	J+
21-05389	0121-97-1229	0.5–1.0	ALLH	Nickel	3.3	mg/kg	J

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-05389	0121-97-1229	0.5–1.0	ALLH	Potassium	732	mg/kg	J
21-05389	0121-97-1229	0.5–1.0	ALLH	Silver	1.6	mg/kg	U
21-05389	0121-97-1229	0.5–1.0	ALLH	Sodium	117	mg/kg	J
21-05389	0121-97-1229	0.5–1.0	ALLH	Vanadium	6.9	mg/kg	J
21-05389	0121-97-1229	0.5–1.0	ALLH	Thallium	0.23	mg/kg	UJ
21-05389	0121-97-1229	0.5–1.0	ALLH	Arsenic	0.89	mg/kg	J-
21-05389	0121-97-1229	0.5–1.0	ALLH	Selenium	0.34	mg/kg	J-
21-05389	0121-97-1229	0.5–1.0	ALLH	Lead	9.6	mg/kg	None
21-05389	0121-97-1229	0.5–1.0	ALLH	Mercury	0.17	mg/kg	None
21-05389	0121-97-1229	0.5–1.0	ALLH	Zinc	25.6	mg/kg	None
21-05389	0121-97-1230	0.0–0.5	ALLH	Americium-241	-0.1759	pCi/g	U
21-05389	0121-97-1230	0.0–0.5	ALLH	Cobalt-60	0.0052	pCi/g	U
21-05389	0121-97-1230	0.0–0.5	ALLH	Cesium-134	-0.0302	pCi/g	U
21-05389	0121-97-1230	0.0–0.5	ALLH	Cesium-137	0.753	pCi/g	None
21-05389	0121-97-1230	0.0–0.5	ALLH	Europium-152	0.0159	pCi/g	U
21-05389	0121-97-1230	0.0–0.5	ALLH	Sodium-22	0.069	pCi/g	U
21-05389	0121-97-1230	0.0–0.5	ALLH	Ruthenium-106	0.124	pCi/g	U
21-05389	0121-97-1230	0.0–0.5	ALLH	Thorium-228	1.27	pCi/g	None
21-05389	0121-97-1230	0.0–0.5	ALLH	Thorium-230	0.937	pCi/g	None
21-05389	0121-97-1230	0.0–0.5	ALLH	Thorium-232	1.28	pCi/g	None
21-05389	0121-97-1230	0.0–0.5	ALLH	Uranium-234	1.04	pCi/g	None
21-05389	0121-97-1230	0.0–0.5	ALLH	Uranium-235	0.0721	pCi/g	None
21-05389	0121-97-1230	0.0–0.5	ALLH	Uranium-238	1.09	pCi/g	None
21-05389	0121-97-1230	0.0–0.5	ALLH	Tritium	0.11	pCi/g	None
21-05389	0121-97-1230	0.0–0.5	ALLH	Aluminum	3930	mg/kg	None
21-05389	0121-97-1230	0.0–0.5	ALLH	Antimony	5.9	mg/kg	U
21-05389	0121-97-1230	0.0–0.5	ALLH	Barium	72.2	mg/kg	None
21-05389	0121-97-1230	0.0–0.5	ALLH	Beryllium	0.65	mg/kg	J
21-05389	0121-97-1230	0.0–0.5	ALLH	Cadmium	0.89	mg/kg	U
21-05389	0121-97-1230	0.0–0.5	ALLH	Calcium	1670	mg/kg	None
21-05389	0121-97-1230	0.0–0.5	ALLH	Chromium	4.1	mg/kg	None
21-05389	0121-97-1230	0.0–0.5	ALLH	Cobalt	3.8	mg/kg	J
21-05389	0121-97-1230	0.0–0.5	ALLH	Copper	6.1	mg/kg	None
21-05389	0121-97-1230	0.0–0.5	ALLH	Iron	5230	mg/kg	None
21-05389	0121-97-1230	0.0–0.5	ALLH	Magnesium	794	mg/kg	J
21-05389	0121-97-1230	0.0–0.5	ALLH	Manganese	323	mg/kg	J+
21-05389	0121-97-1230	0.0–0.5	ALLH	Nickel	3.8	mg/kg	J
21-05389	0121-97-1230	0.0–0.5	ALLH	Potassium	822	mg/kg	J
21-05389	0121-97-1230	0.0–0.5	ALLH	Silver	1.5	mg/kg	U
21-05389	0121-97-1230	0.0–0.5	ALLH	Sodium	84.7	mg/kg	J
21-05389	0121-97-1230	0.0–0.5	ALLH	Vanadium	8.5	mg/kg	J
21-05389	0121-97-1230	0.0–0.5	ALLH	Zinc	28.3	mg/kg	None
21-05389	0121-97-1230	0.0–0.5	ALLH	Thallium	0.22	mg/kg	UJ
21-05389	0121-97-1230	0.0–0.5	ALLH	Arsenic	1.1	mg/kg	J-
21-05389	0121-97-1230	0.0–0.5	ALLH	Selenium	0.33	mg/kg	J-
21-05389	0121-97-1230	0.0–0.5	ALLH	Lead	12.2	mg/kg	None
21-05389	0121-97-1230	0.0–0.5	ALLH	Mercury	0.27	mg/kg	None
21-05357	0121-97-1231	0.5–1.0	ALLH	Americium-241	-0.01	pCi/g	U
21-05357	0121-97-1231	0.5–1.0	ALLH	Cobalt-60	0.0097	pCi/g	U
21-05357	0121-97-1231	0.5–1.0	ALLH	Cesium-134	0.02	pCi/g	U
21-05357	0121-97-1231	0.5–1.0	ALLH	Cesium-137	0.076	pCi/g	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-05357	0121-97-1231	0.5–1.0	ALLH	Europium-152	-0.0803	pCi/g	U
21-05357	0121-97-1231	0.5–1.0	ALLH	Sodium-22	0.066	pCi/g	U
21-05357	0121-97-1231	0.5–1.0	ALLH	Ruthenium-106	-0.318	pCi/g	U
21-05357	0121-97-1231	0.5–1.0	ALLH	Thorium-228	1.39	pCi/g	None
21-05357	0121-97-1231	0.5–1.0	ALLH	Thorium-230	1.01	pCi/g	None
21-05357	0121-97-1231	0.5–1.0	ALLH	Thorium-232	1.23	pCi/g	None
21-05357	0121-97-1231	0.5–1.0	ALLH	Uranium-234	0.887	pCi/g	None
21-05357	0121-97-1231	0.5–1.0	ALLH	Uranium-235	0.0338	pCi/g	None
21-05357	0121-97-1231	0.5–1.0	ALLH	Uranium-238	0.705	pCi/g	None
21-05357	0121-97-1231	0.5–1.0	ALLH	Tritium	0.1	pCi/g	None
21-05357	0121-97-1231	0.5–1.0	ALLH	Aluminum	3290	mg/kg	None
21-05357	0121-97-1231	0.5–1.0	ALLH	Antimony	6.1	mg/kg	U
21-05357	0121-97-1231	0.5–1.0	ALLH	Barium	52.3	mg/kg	None
21-05357	0121-97-1231	0.5–1.0	ALLH	Beryllium	0.45	mg/kg	J
21-05357	0121-97-1231	0.5–1.0	ALLH	Cadmium	0.92	mg/kg	U
21-05357	0121-97-1231	0.5–1.0	ALLH	Calcium	1110	mg/kg	J
21-05357	0121-97-1231	0.5–1.0	ALLH	Cobalt	2.6	mg/kg	J
21-05357	0121-97-1231	0.5–1.0	ALLH	Copper	2.8	mg/kg	J
21-05357	0121-97-1231	0.5–1.0	ALLH	Iron	4670	mg/kg	None
21-05357	0121-97-1231	0.5–1.0	ALLH	Magnesium	650	mg/kg	J
21-05357	0121-97-1231	0.5–1.0	ALLH	Manganese	258	mg/kg	J+
21-05357	0121-97-1231	0.5–1.0	ALLH	Nickel	2.8	mg/kg	J
21-05357	0121-97-1231	0.5–1.0	ALLH	Potassium	766	mg/kg	J
21-05357	0121-97-1231	0.5–1.0	ALLH	Silver	1.6	mg/kg	U
21-05357	0121-97-1231	0.5–1.0	ALLH	Sodium	125	mg/kg	J
21-05357	0121-97-1231	0.5–1.0	ALLH	Vanadium	6.4	mg/kg	J
21-05357	0121-97-1231	0.5–1.0	ALLH	Zinc	19.4	mg/kg	None
21-05357	0121-97-1231	0.5–1.0	ALLH	Thallium	0.23	mg/kg	UJ
21-05357	0121-97-1231	0.5–1.0	ALLH	Arsenic	1.1	mg/kg	J-
21-05357	0121-97-1231	0.5–1.0	ALLH	Selenium	0.34	mg/kg	J-
21-05357	0121-97-1231	0.5–1.0	ALLH	Mercury	0.06	mg/kg	J
21-05357	0121-97-1231	0.5–1.0	ALLH	Chromium	4	mg/kg	None
21-05357	0121-97-1231	0.5–1.0	ALLH	Lead	9.4	mg/kg	None
21-05425	0121-97-1232	0.0–0.5	ALLH	Americium-241	0.0658	pCi/g	U
21-05425	0121-97-1232	0.0–0.5	ALLH	Cobalt-60	-0.007	pCi/g	U
21-05425	0121-97-1232	0.0–0.5	ALLH	Cesium-134	-0.0252	pCi/g	U
21-05425	0121-97-1232	0.0–0.5	ALLH	Cesium-137	0.0769	pCi/g	None
21-05425	0121-97-1232	0.0–0.5	ALLH	Europium-152	-0.0302	pCi/g	U
21-05425	0121-97-1232	0.0–0.5	ALLH	Sodium-22	-0.008	pCi/g	U
21-05425	0121-97-1232	0.0–0.5	ALLH	Ruthenium-106	0.084	pCi/g	U
21-05425	0121-97-1232	0.0–0.5	ALLH	Thorium-228	1.4	pCi/g	None
21-05425	0121-97-1232	0.0–0.5	ALLH	Thorium-230	0.982	pCi/g	None
21-05425	0121-97-1232	0.0–0.5	ALLH	Thorium-232	1.5	pCi/g	None
21-05425	0121-97-1232	0.0–0.5	ALLH	Uranium-234	0.833	pCi/g	None
21-05425	0121-97-1232	0.0–0.5	ALLH	Uranium-235	0.0541	pCi/g	None
21-05425	0121-97-1232	0.0–0.5	ALLH	Uranium-238	0.856	pCi/g	None
21-05425	0121-97-1232	0.0–0.5	ALLH	Tritium	0.02	pCi/g	U
21-05425	0121-97-1232	0.0–0.5	ALLH	Aluminum	5190	mg/kg	None
21-05425	0121-97-1232	0.0–0.5	ALLH	Antimony	5.6	mg/kg	U
21-05425	0121-97-1232	0.0–0.5	ALLH	Barium	48.1	mg/kg	None
21-05425	0121-97-1232	0.0–0.5	ALLH	Beryllium	0.66	mg/kg	J

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-05425	0121-97-1232	0.0–0.5	ALLH	Cadmium	0.84	mg/kg	U
21-05425	0121-97-1232	0.0–0.5	ALLH	Calcium	1220	mg/kg	None
21-05425	0121-97-1232	0.0–0.5	ALLH	Cobalt	3.2	mg/kg	J
21-05425	0121-97-1232	0.0–0.5	ALLH	Copper	3	mg/kg	J
21-05425	0121-97-1232	0.0–0.5	ALLH	Iron	7500	mg/kg	None
21-05425	0121-97-1232	0.0–0.5	ALLH	Magnesium	816	mg/kg	J
21-05425	0121-97-1232	0.0–0.5	ALLH	Manganese	245	mg/kg	J+
21-05425	0121-97-1232	0.0–0.5	ALLH	Nickel	3	mg/kg	J
21-05425	0121-97-1232	0.0–0.5	ALLH	Potassium	770	mg/kg	J
21-05425	0121-97-1232	0.0–0.5	ALLH	Silver	1.4	mg/kg	U
21-05425	0121-97-1232	0.0–0.5	ALLH	Sodium	132	mg/kg	J
21-05425	0121-97-1232	0.0–0.5	ALLH	Vanadium	8.7	mg/kg	J
21-05425	0121-97-1232	0.0–0.5	ALLH	Zinc	26.5	mg/kg	None
21-05425	0121-97-1232	0.0–0.5	ALLH	Thallium	0.21	mg/kg	UJ
21-05425	0121-97-1232	0.0–0.5	ALLH	Arsenic	1.1	mg/kg	J-
21-05425	0121-97-1232	0.0–0.5	ALLH	Selenium	0.31	mg/kg	J-
21-05425	0121-97-1232	0.0–0.5	ALLH	Mercury	0.11	mg/kg	None
21-05425	0121-97-1232	0.0–0.5	ALLH	Chromium	4.7	mg/kg	None
21-05425	0121-97-1232	0.0–0.5	ALLH	Lead	5.9	mg/kg	None
21-05425	0121-97-1233	1.0–1.5	ALLH	Americium-241	-0.08	pCi/g	U
21-05425	0121-97-1233	1.0–1.5	ALLH	Cobalt-60	-0.0198	pCi/g	U
21-05425	0121-97-1233	1.0–1.5	ALLH	Cesium-134	0.0169	pCi/g	U
21-05425	0121-97-1233	1.0–1.5	ALLH	Cesium-137	0.0509	pCi/g	U
21-05425	0121-97-1233	1.0–1.5	ALLH	Europium-152	-0.08	pCi/g	U
21-05425	0121-97-1233	1.0–1.5	ALLH	Sodium-22	-0.0149	pCi/g	U
21-05425	0121-97-1233	1.0–1.5	ALLH	Ruthenium-106	0.137	pCi/g	U
21-05425	0121-97-1233	1.0–1.5	ALLH	Thorium-228	1.58	pCi/g	None
21-05425	0121-97-1233	1.0–1.5	ALLH	Thorium-230	0.935	pCi/g	None
21-05425	0121-97-1233	1.0–1.5	ALLH	Thorium-232	1.49	pCi/g	None
21-05425	0121-97-1233	1.0–1.5	ALLH	Uranium-234	0.766	pCi/g	None
21-05425	0121-97-1233	1.0–1.5	ALLH	Uranium-235	0.027	pCi/g	None
21-05425	0121-97-1233	1.0–1.5	ALLH	Uranium-238	0.755	pCi/g	None
21-05425	0121-97-1233	1.0–1.5	ALLH	Tritium	-0.03	pCi/g	U
21-05425	0121-97-1233	1.0–1.5	ALLH	Aluminum	3150	mg/kg	None
21-05425	0121-97-1233	1.0–1.5	ALLH	Antimony	5.7	mg/kg	U
21-05425	0121-97-1233	1.0–1.5	ALLH	Barium	23.7	mg/kg	J
21-05425	0121-97-1233	1.0–1.5	ALLH	Beryllium	0.54	mg/kg	J
21-05425	0121-97-1233	1.0–1.5	ALLH	Cadmium	0.85	mg/kg	U
21-05425	0121-97-1233	1.0–1.5	ALLH	Calcium	769	mg/kg	J
21-05425	0121-97-1233	1.0–1.5	ALLH	Chromium	2.7	mg/kg	None
21-05425	0121-97-1233	1.0–1.5	ALLH	Cobalt	1.9	mg/kg	J
21-05425	0121-97-1233	1.0–1.5	ALLH	Copper	2	mg/kg	J
21-05425	0121-97-1233	1.0–1.5	ALLH	Iron	3980	mg/kg	None
21-05425	0121-97-1233	1.0–1.5	ALLH	Magnesium	452	mg/kg	J
21-05425	0121-97-1233	1.0–1.5	ALLH	Manganese	122	mg/kg	J+
21-05425	0121-97-1233	1.0–1.5	ALLH	Nickel	3	mg/kg	J
21-05425	0121-97-1233	1.0–1.5	ALLH	Potassium	516	mg/kg	J
21-05425	0121-97-1233	1.0–1.5	ALLH	Silver	1.5	mg/kg	U
21-05425	0121-97-1233	1.0–1.5	ALLH	Sodium	132	mg/kg	J
21-05425	0121-97-1233	1.0–1.5	ALLH	Vanadium	4	mg/kg	J
21-05425	0121-97-1233	1.0–1.5	ALLH	Zinc	12.7	mg/kg	None

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-05425	0121-97-1233	1.0–1.5	ALLH	Thallium	0.21	mg/kg	UJ
21-05425	0121-97-1233	1.0–1.5	ALLH	Arsenic	0.55	mg/kg	J-
21-05425	0121-97-1233	1.0–1.5	ALLH	Selenium	0.32	mg/kg	J-
21-05425	0121-97-1233	1.0–1.5	ALLH	Mercury	0.05	mg/kg	U
21-05425	0121-97-1233	1.0–1.5	ALLH	Lead	4	mg/kg	None
21-05425	0121-97-1234	0.5–1.0	ALLH	Americium-241	-0.0047	pCi/g	U
21-05425	0121-97-1234	0.5–1.0	ALLH	Cobalt-60	0.013	pCi/g	U
21-05425	0121-97-1234	0.5–1.0	ALLH	Cesium-134	0.0231	pCi/g	U
21-05425	0121-97-1234	0.5–1.0	ALLH	Cesium-137	0.0028	pCi/g	U
21-05425	0121-97-1234	0.5–1.0	ALLH	Europium-152	0.0263	pCi/g	U
21-05425	0121-97-1234	0.5–1.0	ALLH	Sodium-22	-0.026	pCi/g	U
21-05425	0121-97-1234	0.5–1.0	ALLH	Ruthenium-106	0.051	pCi/g	U
21-05425	0121-97-1234	0.5–1.0	ALLH	Thorium-228	1.11	pCi/g	None
21-05425	0121-97-1234	0.5–1.0	ALLH	Thorium-230	0.869	pCi/g	None
21-05425	0121-97-1234	0.5–1.0	ALLH	Thorium-232	1.14	pCi/g	None
21-05425	0121-97-1234	0.5–1.0	ALLH	Uranium-234	0.707	pCi/g	None
21-05425	0121-97-1234	0.5–1.0	ALLH	Uranium-235	0.0473	pCi/g	None
21-05425	0121-97-1234	0.5–1.0	ALLH	Uranium-238	0.743	pCi/g	None
21-05425	0121-97-1234	0.5–1.0	ALLH	Tritium	0.04	pCi/g	U
21-05425	0121-97-1234	0.5–1.0	ALLH	Aluminum	4660	mg/kg	None
21-05425	0121-97-1234	0.5–1.0	ALLH	Antimony	5.7	mg/kg	U
21-05425	0121-97-1234	0.5–1.0	ALLH	Barium	44	mg/kg	None
21-05425	0121-97-1234	0.5–1.0	ALLH	Beryllium	0.72	mg/kg	J
21-05425	0121-97-1234	0.5–1.0	ALLH	Cadmium	0.85	mg/kg	U
21-05425	0121-97-1234	0.5–1.0	ALLH	Calcium	1320	mg/kg	None
21-05425	0121-97-1234	0.5–1.0	ALLH	Chromium	4.1	mg/kg	None
21-05425	0121-97-1234	0.5–1.0	ALLH	Cobalt	2.8	mg/kg	J
21-05425	0121-97-1234	0.5–1.0	ALLH	Copper	2.5	mg/kg	J
21-05425	0121-97-1234	0.5–1.0	ALLH	Iron	6280	mg/kg	None
21-05425	0121-97-1234	0.5–1.0	ALLH	Magnesium	724	mg/kg	J
21-05425	0121-97-1234	0.5–1.0	ALLH	Manganese	235	mg/kg	J+
21-05425	0121-97-1234	0.5–1.0	ALLH	Nickel	2.7	mg/kg	J
21-05425	0121-97-1234	0.5–1.0	ALLH	Potassium	688	mg/kg	J
21-05425	0121-97-1234	0.5–1.0	ALLH	Silver	1.4	mg/kg	U
21-05425	0121-97-1234	0.5–1.0	ALLH	Sodium	137	mg/kg	J
21-05425	0121-97-1234	0.5–1.0	ALLH	Vanadium	7.6	mg/kg	J
21-05425	0121-97-1234	0.5–1.0	ALLH	Zinc	21	mg/kg	None
21-05425	0121-97-1234	0.5–1.0	ALLH	Thallium	0.21	mg/kg	UJ
21-05425	0121-97-1234	0.5–1.0	ALLH	Arsenic	0.75	mg/kg	J-
21-05425	0121-97-1234	0.5–1.0	ALLH	Selenium	0.3	mg/kg	J-
21-05425	0121-97-1234	0.5–1.0	ALLH	Mercury	0.04	mg/kg	U
21-05425	0121-97-1234	0.5–1.0	ALLH	Lead	5.4	mg/kg	None
21-05404	0121-97-1235	0.5–1.0	ALLH	Americium-241	0.0399	pCi/g	U
21-05404	0121-97-1235	0.5–1.0	ALLH	Cobalt-60	-0.011	pCi/g	U
21-05404	0121-97-1235	0.5–1.0	ALLH	Cesium-134	-0.014	pCi/g	U
21-05404	0121-97-1235	0.5–1.0	ALLH	Cesium-137	0.0273	pCi/g	U
21-05404	0121-97-1235	0.5–1.0	ALLH	Europium-152	-0.06	pCi/g	U
21-05404	0121-97-1235	0.5–1.0	ALLH	Sodium-22	0.0246	pCi/g	U
21-05404	0121-97-1235	0.5–1.0	ALLH	Ruthenium-106	-0.233	pCi/g	U
21-05404	0121-97-1235	0.5–1.0	ALLH	Thorium-228	1.31	pCi/g	None
21-05404	0121-97-1235	0.5–1.0	ALLH	Thorium-230	1.02	pCi/g	None

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-05404	0121-97-1235	0.5–1.0	ALLH	Thorium-232	1.34	pCi/g	None
21-05404	0121-97-1235	0.5–1.0	ALLH	Uranium-234	0.842	pCi/g	None
21-05404	0121-97-1235	0.5–1.0	ALLH	Uranium-235	0.036	pCi/g	None
21-05404	0121-97-1235	0.5–1.0	ALLH	Uranium-238	0.829	pCi/g	None
21-05404	0121-97-1235	0.5–1.0	ALLH	Tritium	0.11	pCi/g	None
21-05404	0121-97-1235	0.5–1.0	ALLH	Aluminum	5710	mg/kg	None
21-05404	0121-97-1235	0.5–1.0	ALLH	Antimony	5.9	mg/kg	U
21-05404	0121-97-1235	0.5–1.0	ALLH	Barium	69.9	mg/kg	None
21-05404	0121-97-1235	0.5–1.0	ALLH	Beryllium	0.57	mg/kg	J
21-05404	0121-97-1235	0.5–1.0	ALLH	Cadmium	0.88	mg/kg	U
21-05404	0121-97-1235	0.5–1.0	ALLH	Calcium	1750	mg/kg	None
21-05404	0121-97-1235	0.5–1.0	ALLH	Chromium	5.6	mg/kg	None
21-05404	0121-97-1235	0.5–1.0	ALLH	Cobalt	3.9	mg/kg	J
21-05404	0121-97-1235	0.5–1.0	ALLH	Copper	3.8	mg/kg	J
21-05404	0121-97-1235	0.5–1.0	ALLH	Iron	8030	mg/kg	None
21-05404	0121-97-1235	0.5–1.0	ALLH	Magnesium	1070	mg/kg	J
21-05404	0121-97-1235	0.5–1.0	ALLH	Manganese	362	mg/kg	J+
21-05404	0121-97-1235	0.5–1.0	ALLH	Nickel	5.4	mg/kg	J
21-05404	0121-97-1235	0.5–1.0	ALLH	Potassium	1220	mg/kg	None
21-05404	0121-97-1235	0.5–1.0	ALLH	Silver	1.5	mg/kg	U
21-05404	0121-97-1235	0.5–1.0	ALLH	Sodium	90.5	mg/kg	J
21-05404	0121-97-1235	0.5–1.0	ALLH	Vanadium	10.4	mg/kg	J
21-05404	0121-97-1235	0.5–1.0	ALLH	Zinc	27.4	mg/kg	None
21-05404	0121-97-1235	0.5–1.0	ALLH	Thallium	0.22	mg/kg	UJ
21-05404	0121-97-1235	0.5–1.0	ALLH	Arsenic	1.3	mg/kg	J-
21-05404	0121-97-1235	0.5–1.0	ALLH	Selenium	0.46	mg/kg	J-
21-05404	0121-97-1235	0.5–1.0	ALLH	Mercury	0.07	mg/kg	J
21-05404	0121-97-1235	0.5–1.0	ALLH	Lead	9.3	mg/kg	None
21-05355	0121-97-1236	0.0–0.5	ALLH	Americium-241	0.4377	pCi/g	U
21-05355	0121-97-1236	0.0–0.5	ALLH	Cobalt-60	0.0529	pCi/g	U
21-05355	0121-97-1236	0.0–0.5	ALLH	Cesium-134	-0.003	pCi/g	U
21-05355	0121-97-1236	0.0–0.5	ALLH	Cesium-137	0.3259	pCi/g	None
21-05355	0121-97-1236	0.0–0.5	ALLH	Europium-152	0.0031	pCi/g	U
21-05355	0121-97-1236	0.0–0.5	ALLH	Sodium-22	0.002	pCi/g	U
21-05355	0121-97-1236	0.0–0.5	ALLH	Ruthenium-106	-0.203	pCi/g	U
21-05355	0121-97-1236	0.0–0.5	ALLH	Thorium-228	1.55	pCi/g	None
21-05355	0121-97-1236	0.0–0.5	ALLH	Thorium-230	1.11	pCi/g	None
21-05355	0121-97-1236	0.0–0.5	ALLH	Thorium-232	1.38	pCi/g	None
21-05355	0121-97-1236	0.0–0.5	ALLH	Uranium-234	4.38	pCi/g	None
21-05355	0121-97-1236	0.0–0.5	ALLH	Uranium-235	0.216	pCi/g	None
21-05355	0121-97-1236	0.0–0.5	ALLH	Uranium-238	2.26	pCi/g	None
21-05355	0121-97-1236	0.0–0.5	ALLH	Tritium	2.12	pCi/g	None
21-05355	0121-97-1236	0.0–0.5	ALLH	Aluminum	5840	mg/kg	None
21-05355	0121-97-1236	0.0–0.5	ALLH	Antimony	5.8	mg/kg	U
21-05355	0121-97-1236	0.0–0.5	ALLH	Barium	212	mg/kg	None
21-05355	0121-97-1236	0.0–0.5	ALLH	Beryllium	0.66	mg/kg	J
21-05355	0121-97-1236	0.0–0.5	ALLH	Cadmium	0.87	mg/kg	U
21-05355	0121-97-1236	0.0–0.5	ALLH	Calcium	3750	mg/kg	None
21-05355	0121-97-1236	0.0–0.5	ALLH	Chromium	30.2	mg/kg	None
21-05355	0121-97-1236	0.0–0.5	ALLH	Cobalt	4.5	mg/kg	J
21-05355	0121-97-1236	0.0–0.5	ALLH	Copper	15	mg/kg	None

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-05355	0121-97-1236	0.0–0.5	ALLH	Iron	7890	mg/kg	None
21-05355	0121-97-1236	0.0–0.5	ALLH	Lead	97.4	mg/kg	None
21-05355	0121-97-1236	0.0–0.5	ALLH	Magnesium	1540	mg/kg	None
21-05355	0121-97-1236	0.0–0.5	ALLH	Manganese	292	mg/kg	J+
21-05355	0121-97-1236	0.0–0.5	ALLH	Nickel	6.3	mg/kg	J
21-05355	0121-97-1236	0.0–0.5	ALLH	Potassium	1620	mg/kg	None
21-05355	0121-97-1236	0.0–0.5	ALLH	Silver	1.5	mg/kg	U
21-05355	0121-97-1236	0.0–0.5	ALLH	Sodium	340	mg/kg	J
21-05355	0121-97-1236	0.0–0.5	ALLH	Vanadium	28.6	mg/kg	None
21-05355	0121-97-1236	0.0–0.5	ALLH	Zinc	236	mg/kg	None
21-05355	0121-97-1236	0.0–0.5	ALLH	Thallium	0.22	mg/kg	UJ
21-05355	0121-97-1236	0.0–0.5	ALLH	Arsenic	4.2	mg/kg	J-
21-05355	0121-97-1236	0.0–0.5	ALLH	Selenium	0.45	mg/kg	J-
21-05355	0121-97-1236	0.0–0.5	ALLH	Mercury	5.5	mg/kg	None
21-05418	0121-97-1237	0.0–0.5	ALLH	Americium-241	0.0927	pCi/g	U
21-05418	0121-97-1237	0.0–0.5	ALLH	Cobalt-60	0.022	pCi/g	U
21-05418	0121-97-1237	0.0–0.5	ALLH	Cesium-134	0.034	pCi/g	U
21-05418	0121-97-1237	0.0–0.5	ALLH	Cesium-137	0.2003	pCi/g	None
21-05418	0121-97-1237	0.0–0.5	ALLH	Europium-152	-0.0301	pCi/g	U
21-05418	0121-97-1237	0.0–0.5	ALLH	Sodium-22	-0.0257	pCi/g	U
21-05418	0121-97-1237	0.0–0.5	ALLH	Ruthenium-106	0.065	pCi/g	U
21-05418	0121-97-1237	0.0–0.5	ALLH	Thorium-228	1.28	pCi/g	None
21-05418	0121-97-1237	0.0–0.5	ALLH	Thorium-230	1.07	pCi/g	None
21-05418	0121-97-1237	0.0–0.5	ALLH	Thorium-232	1.31	pCi/g	None
21-05418	0121-97-1237	0.0–0.5	ALLH	Uranium-234	0.752	pCi/g	None
21-05418	0121-97-1237	0.0–0.5	ALLH	Uranium-235	0.0518	pCi/g	None
21-05418	0121-97-1237	0.0–0.5	ALLH	Uranium-238	0.739	pCi/g	None
21-05418	0121-97-1237	0.0–0.5	ALLH	Tritium	0.07	pCi/g	None
21-05418	0121-97-1237	0.0–0.5	ALLH	Aluminum	5420	mg/kg	None
21-05418	0121-97-1237	0.0–0.5	ALLH	Antimony	5.7	mg/kg	U
21-05418	0121-97-1237	0.0–0.5	ALLH	Barium	62.8	mg/kg	None
21-05418	0121-97-1237	0.0–0.5	ALLH	Beryllium	0.53	mg/kg	J
21-05418	0121-97-1237	0.0–0.5	ALLH	Cadmium	0.85	mg/kg	U
21-05418	0121-97-1237	0.0–0.5	ALLH	Calcium	1470	mg/kg	None
21-05418	0121-97-1237	0.0–0.5	ALLH	Chromium	4.9	mg/kg	None
21-05418	0121-97-1237	0.0–0.5	ALLH	Cobalt	3.8	mg/kg	J
21-05418	0121-97-1237	0.0–0.5	ALLH	Copper	4.7	mg/kg	J
21-05418	0121-97-1237	0.0–0.5	ALLH	Iron	7770	mg/kg	None
21-05418	0121-97-1237	0.0–0.5	ALLH	Magnesium	989	mg/kg	J
21-05418	0121-97-1237	0.0–0.5	ALLH	Manganese	299	mg/kg	J+
21-05418	0121-97-1237	0.0–0.5	ALLH	Nickel	4.9	mg/kg	J
21-05418	0121-97-1237	0.0–0.5	ALLH	Potassium	1040	mg/kg	J
21-05418	0121-97-1237	0.0–0.5	ALLH	Silver	1.4	mg/kg	U
21-05418	0121-97-1237	0.0–0.5	ALLH	Sodium	100	mg/kg	J
21-05418	0121-97-1237	0.0–0.5	ALLH	Vanadium	11.3	mg/kg	None
21-05418	0121-97-1237	0.0–0.5	ALLH	Zinc	27.6	mg/kg	None
21-05418	0121-97-1237	0.0–0.5	ALLH	Thallium	0.21	mg/kg	UJ
21-05418	0121-97-1237	0.0–0.5	ALLH	Arsenic	1.4	mg/kg	J-
21-05418	0121-97-1237	0.0–0.5	ALLH	Selenium	0.36	mg/kg	J-
21-05418	0121-97-1237	0.0–0.5	ALLH	Mercury	0.05	mg/kg	U
21-05418	0121-97-1237	0.0–0.5	ALLH	Lead	9.6	mg/kg	None

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-05355	0121-97-1238	0.5–1.0	ALLH	Americium-241	-0.184	pCi/g	U
21-05355	0121-97-1238	0.5–1.0	ALLH	Cobalt-60	0.032	pCi/g	U
21-05355	0121-97-1238	0.5–1.0	ALLH	Cesium-134	-0.0162	pCi/g	U
21-05355	0121-97-1238	0.5–1.0	ALLH	Cesium-137	0.2941	pCi/g	None
21-05355	0121-97-1238	0.5–1.0	ALLH	Europium-152	-0.06	pCi/g	U
21-05355	0121-97-1238	0.5–1.0	ALLH	Sodium-22	-0.017	pCi/g	U
21-05355	0121-97-1238	0.5–1.0	ALLH	Ruthenium-106	-0.063	pCi/g	U
21-05355	0121-97-1238	0.5–1.0	ALLH	Thorium-228	1.4	pCi/g	None
21-05355	0121-97-1238	0.5–1.0	ALLH	Thorium-230	0.845	pCi/g	None
21-05355	0121-97-1238	0.5–1.0	ALLH	Thorium-232	1.18	pCi/g	None
21-05355	0121-97-1238	0.5–1.0	ALLH	Uranium-234	6.21	pCi/g	None
21-05355	0121-97-1238	0.5–1.0	ALLH	Uranium-235	0.266	pCi/g	None
21-05355	0121-97-1238	0.5–1.0	ALLH	Uranium-238	2.69	pCi/g	None
21-05355	0121-97-1238	0.5–1.0	ALLH	Tritium	2.4	pCi/g	None
21-05355	0121-97-1238	0.5–1.0	ALLH	Aluminum	4930	mg/kg	None
21-05355	0121-97-1238	0.5–1.0	ALLH	Antimony	5.5	mg/kg	U
21-05355	0121-97-1238	0.5–1.0	ALLH	Barium	304	mg/kg	None
21-05355	0121-97-1238	0.5–1.0	ALLH	Beryllium	0.55	mg/kg	J
21-05355	0121-97-1238	0.5–1.0	ALLH	Cadmium	0.98	mg/kg	J
21-05355	0121-97-1238	0.5–1.0	ALLH	Calcium	2450	mg/kg	None
21-05355	0121-97-1238	0.5–1.0	ALLH	Chromium	36.9	mg/kg	None
21-05355	0121-97-1238	0.5–1.0	ALLH	Cobalt	3.8	mg/kg	J
21-05355	0121-97-1238	0.5–1.0	ALLH	Copper	22.2	mg/kg	None
21-05355	0121-97-1238	0.5–1.0	ALLH	Iron	7350	mg/kg	None
21-05355	0121-97-1238	0.5–1.0	ALLH	Lead	107	mg/kg	None
21-05355	0121-97-1238	0.5–1.0	ALLH	Magnesium	1080	mg/kg	None
21-05355	0121-97-1238	0.5–1.0	ALLH	Manganese	316	mg/kg	J+
21-05355	0121-97-1238	0.5–1.0	ALLH	Nickel	3.2	mg/kg	J
21-05355	0121-97-1238	0.5–1.0	ALLH	Potassium	1170	mg/kg	None
21-05355	0121-97-1238	0.5–1.0	ALLH	Silver	1.4	mg/kg	U
21-05355	0121-97-1238	0.5–1.0	ALLH	Sodium	344	mg/kg	J
21-05355	0121-97-1238	0.5–1.0	ALLH	Vanadium	37.7	mg/kg	None
21-05355	0121-97-1238	0.5–1.0	ALLH	Zinc	316	mg/kg	None
21-05355	0121-97-1238	0.5–1.0	ALLH	Thallium	0.21	mg/kg	UJ
21-05355	0121-97-1238	0.5–1.0	ALLH	Arsenic	3.4	mg/kg	J-
21-05355	0121-97-1238	0.5–1.0	ALLH	Selenium	0.5	mg/kg	J-
21-05355	0121-97-1238	0.5–1.0	ALLH	Mercury	14.7	mg/kg	None
21-05404	0121-97-1239	1.0–1.5	ALLH	Americium-241	-0.0192	pCi/g	U
21-05404	0121-97-1239	1.0–1.5	ALLH	Cobalt-60	0.0843	pCi/g	U
21-05404	0121-97-1239	1.0–1.5	ALLH	Cesium-134	0.0343	pCi/g	U
21-05404	0121-97-1239	1.0–1.5	ALLH	Cesium-137	-0.0028	pCi/g	U
21-05404	0121-97-1239	1.0–1.5	ALLH	Europium-152	-0.0186	pCi/g	U
21-05404	0121-97-1239	1.0–1.5	ALLH	Sodium-22	-0.024	pCi/g	U
21-05404	0121-97-1239	1.0–1.5	ALLH	Ruthenium-106	-0.048	pCi/g	U
21-05404	0121-97-1239	1.0–1.5	ALLH	Thorium-228	1.3	pCi/g	None
21-05404	0121-97-1239	1.0–1.5	ALLH	Thorium-230	1	pCi/g	None
21-05404	0121-97-1239	1.0–1.5	ALLH	Thorium-232	1.29	pCi/g	None
21-05404	0121-97-1239	1.0–1.5	ALLH	Uranium-234	0.908	pCi/g	None
21-05404	0121-97-1239	1.0–1.5	ALLH	Uranium-235	0.0473	pCi/g	None
21-05404	0121-97-1239	1.0–1.5	ALLH	Uranium-238	0.655	pCi/g	None
21-05404	0121-97-1239	1.0–1.5	ALLH	Tritium	0.15	pCi/g	None

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-05404	0121-97-1239	1.0–1.5	ALLH	Aluminum	4940	mg/kg	None
21-05404	0121-97-1239	1.0–1.5	ALLH	Antimony	5.9	mg/kg	U
21-05404	0121-97-1239	1.0–1.5	ALLH	Barium	79.4	mg/kg	None
21-05404	0121-97-1239	1.0–1.5	ALLH	Beryllium	0.61	mg/kg	J
21-05404	0121-97-1239	1.0–1.5	ALLH	Cadmium	0.89	mg/kg	U
21-05404	0121-97-1239	1.0–1.5	ALLH	Calcium	1980	mg/kg	None
21-05404	0121-97-1239	1.0–1.5	ALLH	Chromium	5.2	mg/kg	None
21-05404	0121-97-1239	1.0–1.5	ALLH	Cobalt	4.2	mg/kg	J
21-05404	0121-97-1239	1.0–1.5	ALLH	Copper	4.7	mg/kg	J
21-05404	0121-97-1239	1.0–1.5	ALLH	Iron	6800	mg/kg	None
21-05404	0121-97-1239	1.0–1.5	ALLH	Magnesium	1010	mg/kg	J
21-05404	0121-97-1239	1.0–1.5	ALLH	Manganese	376	mg/kg	J+
21-05404	0121-97-1239	1.0–1.5	ALLH	Nickel	5.2	mg/kg	J
21-05404	0121-97-1239	1.0–1.5	ALLH	Potassium	1310	mg/kg	None
21-05404	0121-97-1239	1.0–1.5	ALLH	Silver	1.5	mg/kg	U
21-05404	0121-97-1239	1.0–1.5	ALLH	Sodium	167	mg/kg	J
21-05404	0121-97-1239	1.0–1.5	ALLH	Vanadium	10.7	mg/kg	J
21-05404	0121-97-1239	1.0–1.5	ALLH	Zinc	23	mg/kg	None
21-05404	0121-97-1239	1.0–1.5	ALLH	Thallium	0.22	mg/kg	UJ
21-05404	0121-97-1239	1.0–1.5	ALLH	Arsenic	1	mg/kg	J-
21-05404	0121-97-1239	1.0–1.5	ALLH	Selenium	0.31	mg/kg	J-
21-05404	0121-97-1239	1.0–1.5	ALLH	Mercury	0.05	mg/kg	J
21-05404	0121-97-1239	1.0–1.5	ALLH	Lead	8.2	mg/kg	None
21-05422	0121-97-1240	0.5–1.0	ALLH	Americium-241	-0.1947	pCi/g	U
21-05422	0121-97-1240	0.5–1.0	ALLH	Cobalt-60	0.0186	pCi/g	U
21-05422	0121-97-1240	0.5–1.0	ALLH	Cesium-134	0.028	pCi/g	U
21-05422	0121-97-1240	0.5–1.0	ALLH	Cesium-137	0.0418	pCi/g	U
21-05422	0121-97-1240	0.5–1.0	ALLH	Europium-152	0.0158	pCi/g	U
21-05422	0121-97-1240	0.5–1.0	ALLH	Sodium-22	0.045	pCi/g	U
21-05422	0121-97-1240	0.5–1.0	ALLH	Ruthenium-106	0.403	pCi/g	U
21-05422	0121-97-1240	0.5–1.0	ALLH	Thorium-228	1.61	pCi/g	None
21-05422	0121-97-1240	0.5–1.0	ALLH	Thorium-230	1.11	pCi/g	None
21-05422	0121-97-1240	0.5–1.0	ALLH	Thorium-232	1.67	pCi/g	None
21-05422	0121-97-1240	0.5–1.0	ALLH	Uranium-234	1.04	pCi/g	None
21-05422	0121-97-1240	0.5–1.0	ALLH	Uranium-235	0.0608	pCi/g	None
21-05422	0121-97-1240	0.5–1.0	ALLH	Uranium-238	0.84	pCi/g	None
21-05422	0121-97-1240	0.5–1.0	ALLH	Tritium	0.15	pCi/g	None
21-05422	0121-97-1240	0.5–1.0	ALLH	Aluminum	5150	mg/kg	None
21-05422	0121-97-1240	0.5–1.0	ALLH	Antimony	5.7	mg/kg	U
21-05422	0121-97-1240	0.5–1.0	ALLH	Barium	56.1	mg/kg	None
21-05422	0121-97-1240	0.5–1.0	ALLH	Beryllium	0.71	mg/kg	J
21-05422	0121-97-1240	0.5–1.0	ALLH	Cadmium	0.85	mg/kg	U
21-05422	0121-97-1240	0.5–1.0	ALLH	Calcium	1600	mg/kg	None
21-05422	0121-97-1240	0.5–1.0	ALLH	Chromium	6.4	mg/kg	None
21-05422	0121-97-1240	0.5–1.0	ALLH	Cobalt	3.5	mg/kg	J
21-05422	0121-97-1240	0.5–1.0	ALLH	Copper	3.4	mg/kg	J
21-05422	0121-97-1240	0.5–1.0	ALLH	Iron	6290	mg/kg	None
21-05422	0121-97-1240	0.5–1.0	ALLH	Magnesium	973	mg/kg	J
21-05422	0121-97-1240	0.5–1.0	ALLH	Manganese	243	mg/kg	J+
21-05422	0121-97-1240	0.5–1.0	ALLH	Nickel	4.4	mg/kg	J
21-05422	0121-97-1240	0.5–1.0	ALLH	Potassium	1040	mg/kg	J

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-05422	0121-97-1240	0.5–1.0	ALLH	Silver	1.4	mg/kg	U
21-05422	0121-97-1240	0.5–1.0	ALLH	Sodium	185	mg/kg	J
21-05422	0121-97-1240	0.5–1.0	ALLH	Vanadium	10.6	mg/kg	None
21-05422	0121-97-1240	0.5–1.0	ALLH	Zinc	25.2	mg/kg	None
21-05422	0121-97-1240	0.5–1.0	ALLH	Thallium	0.21	mg/kg	UJ
21-05422	0121-97-1240	0.5–1.0	ALLH	Arsenic	1.2	mg/kg	J-
21-05422	0121-97-1240	0.5–1.0	ALLH	Selenium	0.4	mg/kg	J-
21-05422	0121-97-1240	0.5–1.0	ALLH	Mercury	0.2	mg/kg	None
21-05422	0121-97-1240	0.5–1.0	ALLH	Lead	9.1	mg/kg	None
21-05418	0121-97-1241	0.5–1.0	ALLH	Americium-241	0.0861	pCi/g	U
21-05418	0121-97-1241	0.5–1.0	ALLH	Cobalt-60	0.036	pCi/g	U
21-05418	0121-97-1241	0.5–1.0	ALLH	Cesium-134	0.0038	pCi/g	U
21-05418	0121-97-1241	0.5–1.0	ALLH	Cesium-137	0.007	pCi/g	U
21-05418	0121-97-1241	0.5–1.0	ALLH	Europium-152	0.0652	pCi/g	U
21-05418	0121-97-1241	0.5–1.0	ALLH	Sodium-22	-0.024	pCi/g	U
21-05418	0121-97-1241	0.5–1.0	ALLH	Ruthenium-106	-0.099	pCi/g	U
21-05418	0121-97-1241	0.5–1.0	ALLH	Thorium-228	1.56	pCi/g	None
21-05418	0121-97-1241	0.5–1.0	ALLH	Thorium-230	1.11	pCi/g	None
21-05418	0121-97-1241	0.5–1.0	ALLH	Thorium-232	1.5	pCi/g	None
21-05418	0121-97-1241	0.5–1.0	ALLH	Uranium-234	0.707	pCi/g	None
21-05418	0121-97-1241	0.5–1.0	ALLH	Uranium-235	0.0405	pCi/g	None
21-05418	0121-97-1241	0.5–1.0	ALLH	Uranium-238	0.705	pCi/g	None
21-05418	0121-97-1241	0.5–1.0	ALLH	Tritium	0.1	pCi/g	None
21-05418	0121-97-1241	0.5–1.0	ALLH	Aluminum	3830	mg/kg	J
21-05418	0121-97-1241	0.5–1.0	ALLH	Antimony	7.3	mg/kg	U
21-05418	0121-97-1241	0.5–1.0	ALLH	Barium	42.6	mg/kg	J
21-05418	0121-97-1241	0.5–1.0	ALLH	Beryllium	0.79	mg/kg	J
21-05418	0121-97-1241	0.5–1.0	ALLH	Cadmium	0.7	mg/kg	None
21-05418	0121-97-1241	0.5–1.0	ALLH	Calcium	1100	mg/kg	None
21-05418	0121-97-1241	0.5–1.0	ALLH	Chromium	3.3	mg/kg	None
21-05418	0121-97-1241	0.5–1.0	ALLH	Cobalt	2.4	mg/kg	J
21-05418	0121-97-1241	0.5–1.0	ALLH	Copper	3.1	mg/kg	J
21-05418	0121-97-1241	0.5–1.0	ALLH	Iron	6240	mg/kg	None
21-05418	0121-97-1241	0.5–1.0	ALLH	Magnesium	670	mg/kg	J
21-05418	0121-97-1241	0.5–1.0	ALLH	Manganese	296	mg/kg	J-
21-05418	0121-97-1241	0.5–1.0	ALLH	Nickel	2.7	mg/kg	J
21-05418	0121-97-1241	0.5–1.0	ALLH	Potassium	730	mg/kg	J
21-05418	0121-97-1241	0.5–1.0	ALLH	Silver	0.94	mg/kg	U
21-05418	0121-97-1241	0.5–1.0	ALLH	Sodium	97.4	mg/kg	J
21-05418	0121-97-1241	0.5–1.0	ALLH	Vanadium	7.6	mg/kg	J
21-05418	0121-97-1241	0.5–1.0	ALLH	Zinc	27.3	mg/kg	None
21-05418	0121-97-1241	0.5–1.0	ALLH	Thallium	0.17	mg/kg	UJ
21-05418	0121-97-1241	0.5–1.0	ALLH	Arsenic	0.72	mg/kg	J-
21-05418	0121-97-1241	0.5–1.0	ALLH	Selenium	0.31	mg/kg	U
21-05418	0121-97-1241	0.5–1.0	ALLH	Lead	6.7	mg/kg	None
21-05418	0121-97-1241	0.5–1.0	ALLH	Mercury	0.05	mg/kg	U
21-05511	0121-97-1452	0–0.5	ALLH	Mercury	0.08	mg/kg	None
21-05511	0121-97-1452	0–0.5	ALLH	Selenium	0.89	mg/kg	U
21-05511	0121-97-1452	0–0.5	ALLH	Silver	0.16	mg/kg	U
21-05511	0121-97-1452	0–0.5	ALLH	Sodium	57.3	mg/kg	J
21-05511	0121-97-1452	0–0.5	ALLH	Thallium	1.5	mg/kg	J

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-05511	0121-97-1452	0–0.5	ALLH	Vanadium	6.3	mg/kg	J
21-05511	0121-97-1452	0–0.5	ALLH	Zinc	17.5	mg/kg	None
21-05511	0121-97-1452	0–0.5	ALLH	Aluminum	2700	mg/kg	None
21-05511	0121-97-1452	0–0.5	ALLH	Antimony	0.059	mg/kg	UJ
21-05511	0121-97-1452	0–0.5	ALLH	Arsenic	1.7	mg/kg	J
21-05511	0121-97-1452	0–0.5	ALLH	Barium	62.6	mg/kg	None
21-05511	0121-97-1452	0–0.5	ALLH	Beryllium	0.41	mg/kg	J
21-05511	0121-97-1452	0–0.5	ALLH	Cadmium	0.08	mg/kg	U
21-05511	0121-97-1452	0–0.5	ALLH	Calcium	1530	mg/kg	None
21-05511	0121-97-1452	0–0.5	ALLH	Chromium	3.1	mg/kg	None
21-05511	0121-97-1452	0–0.5	ALLH	Cobalt	2.8	mg/kg	J
21-05511	0121-97-1452	0–0.5	ALLH	Copper	5.4	mg/kg	None
21-05511	0121-97-1452	0–0.5	ALLH	Iron	2810	mg/kg	None
21-05511	0121-97-1452	0–0.5	ALLH	Lead	14.2	mg/kg	None
21-05511	0121-97-1452	0–0.5	ALLH	Magnesium	685	mg/kg	J
21-05511	0121-97-1452	0–0.5	ALLH	Mercury	0.08	mg/kg	None
21-05511	0121-97-1452	0–0.5	ALLH	Manganese	272	mg/kg	None
21-05511	0121-97-1452	0–0.5	ALLH	Nickel	3	mg/kg	J
21-05511	0121-97-1452	0–0.5	ALLH	Potassium	792	mg/kg	J
21-05512	0121-97-1453	0–0.5	ALLH	Mercury	0.11	mg/kg	None
21-05512	0121-97-1453	0–0.5	ALLH	Zinc	13.9	mg/kg	None
21-05512	0121-97-1453	0–0.5	ALLH	Cadmium	0.08	mg/kg	U
21-05512	0121-97-1453	0–0.5	ALLH	Calcium	1480	mg/kg	None
21-05512	0121-97-1453	0–0.5	ALLH	Chromium	2.6	mg/kg	None
21-05512	0121-97-1453	0–0.5	ALLH	Cobalt	2.3	mg/kg	J
21-05512	0121-97-1453	0–0.5	ALLH	Copper	4.4	mg/kg	J
21-05512	0121-97-1453	0–0.5	ALLH	Iron	2580	mg/kg	None
21-05512	0121-97-1453	0–0.5	ALLH	Lead	12.1	mg/kg	None
21-05512	0121-97-1453	0–0.5	ALLH	Magnesium	629	mg/kg	J
21-05512	0121-97-1453	0–0.5	ALLH	Manganese	238	mg/kg	None
21-05512	0121-97-1453	0–0.5	ALLH	Nickel	2.5	mg/kg	J
21-05512	0121-97-1453	0–0.5	ALLH	Potassium	615	mg/kg	J
21-05512	0121-97-1453	0–0.5	ALLH	Selenium	0.9	mg/kg	U
21-05512	0121-97-1453	0–0.5	ALLH	Silver	0.16	mg/kg	U
21-05512	0121-97-1453	0–0.5	ALLH	Sodium	47.9	mg/kg	J
21-05512	0121-97-1453	0–0.5	ALLH	Thallium	0.98	mg/kg	U
21-05511	0121-97-1452	0–0.5	ALLH	Manganese	272	mg/kg	None
21-05512	0121-97-1453	0–0.5	ALLH	Vanadium	5.7	mg/kg	J
21-05512	0121-97-1453	0–0.5	ALLH	Aluminum	2490	mg/kg	None
21-05512	0121-97-1453	0–0.5	ALLH	Antimony	0.59	mg/kg	UJ
21-05512	0121-97-1453	0–0.5	ALLH	Arsenic	1.1	mg/kg	J
21-05512	0121-97-1453	0–0.5	ALLH	Barium	57.4	mg/kg	None
21-05512	0121-97-1453	0–0.5	ALLH	Beryllium	0.31	mg/kg	J
21-05513	0121-97-1454	0–0.5	ALLH	Mercury	0.05	mg/kg	None
21-05513	0121-97-1454	0–0.5	ALLH	Thallium	0.96	mg/kg	U
21-05513	0121-97-1454	0–0.5	ALLH	Vanadium	4.2	mg/kg	J
21-05513	0121-97-1454	0–0.5	ALLH	Zinc	13.1	mg/kg	None
21-05513	0121-97-1454	0–0.5	ALLH	Beryllium	0.43	mg/kg	J
21-05513	0121-97-1454	0–0.5	ALLH	Cadmium	0.08	mg/kg	U
21-05513	0121-97-1454	0–0.5	ALLH	Calcium	1100	mg/kg	None
21-05513	0121-97-1454	0–0.5	ALLH	Chromium	1.8	mg/kg	J

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-05513	0121-97-1454	0–0.5	ALLH	Cobalt	1.4	mg/kg	J
21-05513	0121-97-1454	0–0.5	ALLH	Copper	4	mg/kg	J
21-05513	0121-97-1454	0–0.5	ALLH	Iron	1960	mg/kg	None
21-05513	0121-97-1454	0–0.5	ALLH	Lead	12.3	mg/kg	None
21-05513	0121-97-1454	0–0.5	ALLH	Magnesium	478	mg/kg	J
21-05513	0121-97-1454	0–0.5	ALLH	Manganese	160	mg/kg	None
21-05513	0121-97-1454	0–0.5	ALLH	Nickel	1.9	mg/kg	J
21-05513	0121-97-1454	0–0.5	ALLH	Potassium	484	mg/kg	J
21-05513	0121-97-1454	0–0.5	ALLH	Selenium	0.88	mg/kg	U
21-05513	0121-97-1454	0–0.5	ALLH	Silver	0.16	mg/kg	U
21-05513	0121-97-1454	0–0.5	ALLH	Sodium	60.7	mg/kg	J
21-05513	0121-97-1454	0–0.5	ALLH	Barium	37.7	mg/kg	J
21-05513	0121-97-1454	0–0.5	ALLH	Aluminum	2140	mg/kg	None
21-05513	0121-97-1454	0–0.5	ALLH	Antimony	0.58	mg/kg	UJ
21-05513	0121-97-1454	0–0.5	ALLH	Arsenic	0.71	mg/kg	J
21-05514	0121-97-1455	0–0.5	ALLH	Zinc	30.1	mg/kg	None
21-05514	0121-97-1455	0–0.5	ALLH	Aluminum	2740	mg/kg	None
21-05514	0121-97-1455	0–0.5	ALLH	Antimony	0.59	mg/kg	UJ
21-05514	0121-97-1455	0–0.5	ALLH	Arsenic	0.91	mg/kg	J
21-05514	0121-97-1455	0–0.5	ALLH	Barium	56.6	mg/kg	None
21-05514	0121-97-1455	0–0.5	ALLH	Beryllium	0.32	mg/kg	J
21-05514	0121-97-1455	0–0.5	ALLH	Cadmium	0.08	mg/kg	U
21-05514	0121-97-1455	0–0.5	ALLH	Calcium	2400	mg/kg	None
21-05514	0121-97-1455	0–0.5	ALLH	Chromium	2.9	mg/kg	None
21-05514	0121-97-1455	0–0.5	ALLH	Cobalt	1.9	mg/kg	J
21-05514	0121-97-1455	0–0.5	ALLH	Copper	6	mg/kg	None
21-05514	0121-97-1455	0–0.5	ALLH	Iron	2990	mg/kg	None
21-05514	0121-97-1455	0–0.5	ALLH	Lead	17.9	mg/kg	None
21-05514	0121-97-1455	0–0.5	ALLH	Magnesium	851	mg/kg	J
21-05514	0121-97-1455	0–0.5	ALLH	Manganese	202	mg/kg	None
21-05514	0121-97-1455	0–0.5	ALLH	Nickel	3.4	mg/kg	J
21-05514	0121-97-1455	0–0.5	ALLH	Mercury	0.05	mg/kg	None
21-05514	0121-97-1455	0–0.5	ALLH	Potassium	906	mg/kg	J
21-05514	0121-97-1455	0–0.5	ALLH	Selenium	0.89	mg/kg	U
21-05514	0121-97-1455	0–0.5	ALLH	Silver	0.16	mg/kg	U
21-05514	0121-97-1455	0–0.5	ALLH	Sodium	50.2	mg/kg	J
21-05514	0121-97-1455	0–0.5	ALLH	Thallium	0.97	mg/kg	U
21-05514	0121-97-1455	0–0.5	ALLH	Vanadium	6	mg/kg	J
21-01604	AAA4033	1.0–2.17	Qbt3	Cesium-137	0.53	pCi/g	U
21-01604	AAA4033	1.0–2.17	Qbt3	Americium-241	0.015	pCi/g	None
21-01604	AAA4033	1.0–2.17	Qbt3	Tritium	0.815455	pCi/g	None
21-01604	AAA4033	1.0–2.17	Qbt3	Plutonium-239	0.217	pCi/g	None
21-01604	AAA4033	1.0–2.17	Qbt3	Plutonium-238	0.003	pCi/g	U
21-01604	AAA4033	1.0–2.17	Qbt3	Strontium-90	0.14	pCi/g	U
21-01604	AAA4033	1.0–2.17	Qbt3	Uranium-234	1.475	pCi/g	None
21-01604	AAA4033	1.0–2.17	Qbt3	Uranium-238	1.152	pCi/g	None
21-01604	AAA4033	1.0–2.17	Qbt3	Uranium-235	0.066	pCi/g	U
21-01605	AAA4037	1.0–1.5	Qbt3	Cesium-137	0.79	pCi/g	U
21-01605	AAA4037	1.0–1.5	Qbt3	Americium-241	0.009	pCi/g	None
21-01605	AAA4037	1.0–1.5	Qbt3	Tritium	10.70278	pCi/g	None
21-01605	AAA4037	1.0–1.5	Qbt3	Plutonium-239	0.231	pCi/g	None

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01605	AAA4037	1.0–1.5	Qbt3	Plutonium-238	0.002	pCi/g	U
21-01605	AAA4037	1.0–1.5	Qbt3	Strontium-90	0.02	pCi/g	U
21-01605	AAA4037	1.0–1.5	Qbt3	Uranium-238	1.743	pCi/g	None
21-01605	AAA4037	1.0–1.5	Qbt3	Uranium-235	0.079	pCi/g	U
21-01605	AAA4037	1.0–1.5	Qbt3	Uranium-234	1.992	pCi/g	None
21-01606	AAA4040	1.0–1.33	Qbt3	Cesium-137	0.94	pCi/g	U
21-01606	AAA4040	1.0–1.33	Qbt3	Americium-241	0.09	pCi/g	None
21-01606	AAA4040	1.0–1.33	Qbt3	Tritium	30.88453	pCi/g	None
21-01606	AAA4040	1.0–1.33	Qbt3	Plutonium-239	3.684	pCi/g	None
21-01606	AAA4040	1.0–1.33	Qbt3	Plutonium-238	0.024	pCi/g	None
21-01606	AAA4040	1.0–1.33	Qbt3	Strontium-90	0.23	pCi/g	None
21-01606	AAA4040	1.0–1.33	Qbt3	Uranium-238	6.005	pCi/g	None
21-01606	AAA4040	1.0–1.33	Qbt3	Uranium-235	0.445	pCi/g	None
21-01606	AAA4040	1.0–1.33	Qbt3	Uranium-234	13.038	pCi/g	None
21-01672	AAA4129	0.0–5.0	Qbt3	Benzo(a)pyrene	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Fluoranthene	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Benzo(b)fluoranthene	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Benzo(k)fluoranthene	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Chrysene	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Acenaphthylene	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Dibenzofuran	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Nitroaniline[2-]	3.3	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Nitroaniline[4-]	3.3	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Benzyl alcohol	1.3	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Dimethylphenol[2,4-]	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Dichlorobenzene[1,4-]	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Oxybis(1-chloropropane)[2,2'-]	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Bis(2-chloroethyl)ether	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Bis(2-ethylhexyl)phthalate	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Bis(2-chloroethoxy)methane	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Dinitrotoluene[2,6-]	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Chloro-3-methylphenol[4-]	1.3	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Benzo(a)anthracene	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Dichlorobenzene[1,3-]	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Dibenz(a,h)anthracene	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Dinitro-2-methylphenol[4,6-]	3.3	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Dinitrophenol[2,4-]	3.3	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Indeno(1,2,3-cd)pyrene	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Benzo(g,h,i)perylene	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Dimethyl phthalate	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Pyrene	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Dinitrotoluene[2,4-]	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Dichlorophenol[2,4-]	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Trichlorobenzene[1,2,4-]	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Anthracene	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Hexachlorobenzene	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Isophorone	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Hexachlorocyclopentadiene	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Chlorophenyl-phenyl[4-] ether	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Hexachloroethane	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Benzoic acid	3.3	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01672	AAA4129	0.0–5.0	Qbt3	Nitrosodimethylamine[N-]	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Aniline	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Nitroso-di-n-propylamine[N-]	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Benzidine	3.3	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Dichlorobenzidine[3,3'-]	1.3	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Chloronaphthalene[2-]	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Methylnaphthalene[2-]	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Naphthalene	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Nitrophenol[2-]	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Trichlorophenol[2,4,6-]	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Pentachlorophenol	3.3	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Nitroaniline[3-]	3.3	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Nitrobenzene	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Trichlorophenol[2,4,5-]	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Chlorophenol[2-]	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Dichlorobenzene[1,2-]	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Methylphenol[2-]	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Hexachlorobutadiene	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Fluorene	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Nitrosodiphenylamine[N-]	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Butylbenzylphthalate	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Phenanthrene	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Di-n-butylphthalate	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Diethylphthalate	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Acenaphthene	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Di-n-octylphthalate	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Phenol	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Chloroaniline[4-]	1.3	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Azobenzene	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Bromophenyl-phenylether[4-]	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Nitrophenol[4-]	3.3	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Methylphenol[4-]	0.66	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Zinc	28.7	mg/kg	None
21-01672	AAA4129	0.0–5.0	Qbt3	Selenium	0.52	mg/kg	UJ
21-01672	AAA4129	0.0–5.0	Qbt3	Silver	1.2	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Calcium	74400	mg/kg	None
21-01672	AAA4129	0.0–5.0	Qbt3	Cadmium	0.74	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Cobalt	2.9	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Chromium	6.9	mg/kg	None
21-01672	AAA4129	0.0–5.0	Qbt3	Magnesium	6440	mg/kg	None
21-01672	AAA4129	0.0–5.0	Qbt3	Lithium	14.8	mg/kg	None
21-01672	AAA4129	0.0–5.0	Qbt3	Potassium	1700	mg/kg	None
21-01672	AAA4129	0.0–5.0	Qbt3	Iron	8930	mg/kg	None
21-01672	AAA4129	0.0–5.0	Qbt3	Vanadium	14.5	mg/kg	None
21-01672	AAA4129	0.0–5.0	Qbt3	Thallium	0.25	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Strontium	223	mg/kg	None
21-01672	AAA4129	0.0–5.0	Qbt3	Antimony	0.25	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Lead	15.7	mg/kg	None
21-01672	AAA4129	0.0–5.0	Qbt3	Nickel	14.8	mg/kg	None
21-01672	AAA4129	0.0–5.0	Qbt3	Molybdenum	7.2	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Manganese	203	mg/kg	None

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01672	AAA4129	0.0–5.0	Qbt3	Copper	8.2	mg/kg	None
21-01672	AAA4129	0.0–5.0	Qbt3	Beryllium	1.2	mg/kg	U
21-01672	AAA4129	0.0–5.0	Qbt3	Barium	235	mg/kg	None
21-01672	AAA4129	0.0–5.0	Qbt3	Arsenic	3.8	mg/kg	None
21-01672	AAA4129	0.0–5.0	Qbt3	Aluminum	13100	mg/kg	None
21-01672	AAA4129	0.0–5.0	Qbt3	Cesium-137	0.68	pCi/g	UJ
21-01672	AAA4129	0.0–5.0	Qbt3	Plutonium-238	0.002	pCi/g	U
21-01672	AAA4129	0.0–5.0	Qbt3	Plutonium-239	0.003	pCi/g	U
21-01672	AAA4129	0.0–5.0	Qbt3	Thorium-228	1.18	pCi/g	None
21-01672	AAA4129	0.0–5.0	Qbt3	Thorium-230	1.14	pCi/g	None
21-01672	AAA4129	0.0–5.0	Qbt3	Thorium-232	1.14	pCi/g	None
21-01672	AAA4129	0.0–5.0	Qbt3	Uranium-234	1.24	pCi/g	None
21-01672	AAA4129	0.0–5.0	Qbt3	Uranium-235	0.06	pCi/g	U
21-01672	AAA4129	0.0–5.0	Qbt3	Uranium-238	1.2	pCi/g	None
21-01672	AAA4129	0.0–5.0	Qbt3	Americium-241	0.005	pCi/g	U
21-01672	AAA4129	0.0–5.0	Qbt3	Strontium-90	-0.08	pCi/g	U
21-01672	AAA4129	0.0–5.0	Qbt3	Tritium	100.4725	pCi/g	J
21-01672	AAA4131	5.0–10.0	Qbt3	Nitroaniline[4-]	3.3	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Nitroaniline[3-]	3.3	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Nitrobenzene	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Trichlorophenol[2,4,5-]	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Chlorophenol[2-]	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Dichlorobenzene[1,2-]	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Methylphenol[2-]	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Benzidine	3.3	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Dichlorobenzidine[3,3'-]	1.3	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Chloronaphthalene[2-]	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Methylnaphthalene[2-]	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Naphthalene	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Nitrophenol[2-]	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Nitroaniline[2-]	3.3	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Trichlorophenol[2,4,6-]	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Pentachlorophenol	3.3	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Hexachlorobutadiene	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Fluorene	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Nitrosodiphenylamine[N-]	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Butylbenzylphthalate	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Phenanthrene	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Di-n-butylphthalate	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Diethylphthalate	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Acenaphthene	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Hexachlorocyclopentadiene	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Chlorophenyl-phenyl[4-] ether	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Hexachloroethane	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Benzoic acid	3.3	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Nitrosodimethylamine[N-]	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Aniline	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Nitroso-di-n-propylamine[N-]	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Anthracene	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Hexachlorobenzene	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Di-n-octylphthalate	0.66	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01672	AAA4131	5.0–10.0	Qbt3	Bis(2-chloroethoxy)methane	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Bis(2-chloroethyl)ether	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Phenol	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Oxybis(1-chloropropane)[2,2'-]	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Chloroaniline[4-]	1.3	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Dinitrotoluene[2,6-]	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Chloro-3-methylphenol[4-]	1.3	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Benzo(a)anthracene	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Dichlorobenzene[1,3-]	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Dibenz(a,h)anthracene	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Dinitro-2-methylphenol[4,6-]	3.3	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Dinitrophenol[2,4-]	3.3	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Benzo(a)pyrene	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Indeno(1,2,3-cd)pyrene	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Benzo(g,h,i)perylene	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Dibenzofuran	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Dimethyl phthalate	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Pyrene	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Dinitrotoluene[2,4-]	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Dichlorophenol[2,4-]	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Trichlorobenzene[1,2,4-]	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Bromophenyl-phenylether[4-]	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Azobenzene	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Dimethylphenol[2,4-]	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Dichlorobenzene[1,4-]	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Methylphenol[4-]	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Benzyl alcohol	1.3	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Nitrophenol[4-]	3.3	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Bis(2-ethylhexyl)phthalate	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Isophorone	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Benzo(k)fluoranthene	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Benzo(b)fluoranthene	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Fluoranthene	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Chrysene	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Acenaphthylene	0.66	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Silver	1.1	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Molybdenum	6.2	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Manganese	189	mg/kg	None
21-01672	AAA4131	5.0–10.0	Qbt3	Magnesium	5660	mg/kg	None
21-01672	AAA4131	5.0–10.0	Qbt3	Lithium	7.4	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Potassium	1440	mg/kg	None
21-01672	AAA4131	5.0–10.0	Qbt3	Iron	4190	mg/kg	None
21-01672	AAA4131	5.0–10.0	Qbt3	Copper	3.6	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Chromium	3.3	mg/kg	None
21-01672	AAA4131	5.0–10.0	Qbt3	Zinc	16.6	mg/kg	None
21-01672	AAA4131	5.0–10.0	Qbt3	Vanadium	10	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Thallium	0.21	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Strontium	262	mg/kg	None
21-01672	AAA4131	5.0–10.0	Qbt3	Selenium	0.43	mg/kg	UJ
21-01672	AAA4131	5.0–10.0	Qbt3	Antimony	0.21	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Lead	10.4	mg/kg	None

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01672	AAA4131	5.0–10.0	Qbt3	Nickel	5	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Barium	157	mg/kg	None
21-01672	AAA4131	5.0–10.0	Qbt3	Beryllium	0.6	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Calcium	67000	mg/kg	None
21-01672	AAA4131	5.0–10.0	Qbt3	Cobalt	1.9	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Cadmium	0.64	mg/kg	U
21-01672	AAA4131	5.0–10.0	Qbt3	Arsenic	2.6	mg/kg	None
21-01672	AAA4131	5.0–10.0	Qbt3	Aluminum	6210	mg/kg	None
21-01672	AAA4131	5.0–10.0	Qbt3	Cesium-137	0.39	pCi/g	UJ
21-01672	AAA4131	5.0–10.0	Qbt3	Plutonium-238	0.001	pCi/g	U
21-01672	AAA4131	5.0–10.0	Qbt3	Plutonium-239	0.005	pCi/g	U
21-01672	AAA4131	5.0–10.0	Qbt3	Thorium-230	1.22	pCi/g	None
21-01672	AAA4131	5.0–10.0	Qbt3	Thorium-232	1.21	pCi/g	None
21-01672	AAA4131	5.0–10.0	Qbt3	Thorium-228	1.2	pCi/g	None
21-01672	AAA4131	5.0–10.0	Qbt3	Uranium-234	1.22	pCi/g	None
21-01672	AAA4131	5.0–10.0	Qbt3	Uranium-235	0.12	pCi/g	U
21-01672	AAA4131	5.0–10.0	Qbt3	Uranium-238	0.87	pCi/g	None
21-01672	AAA4131	5.0–10.0	Qbt3	Americium-241	0.01	pCi/g	None
21-01672	AAA4131	5.0–10.0	Qbt3	Strontium-90	-0.12	pCi/g	U
21-01672	AAA4131	5.0–10.0	Qbt3	Tritium	989.7528	pCi/g	J
21-01672	AAA4132	10.0–15.0	Qbt3	Fluoranthene	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Chrysene	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Benzo(k)fluoranthene	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Azobenzene	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Methylphenol[2-]	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Benzo(b)fluoranthene	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Dichlorobenzene[1,3-]	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Nitroaniline[4-]	3.3	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Diethylphthalate	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Acenaphthene	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Isophorone	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Hexachlorocyclopentadiene	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Chlorophenyl-phenyl[4-] ether	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Hexachloroethane	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Benzoic acid	3.3	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Nitrosodimethylamine[N-]	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Nitroaniline[3-]	3.3	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Nitrobenzene	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Trichlorophenol[2,4,5-]	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Chlorophenol[2-]	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Dichlorobenzene[1,2-]	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Benzidine	3.3	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Dichlorobenzidine[3,3'-]	1.3	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Chloronaphthalene[2-]	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Methylnaphthalene[2-]	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Naphthalene	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Nitrophenol[2-]	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Nitroaniline[2-]	3.3	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Trichlorophenol[2,4,6-]	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Pentachlorophenol	3.3	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Hexachlorobutadiene	0.66	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01672	AAA4132	10.0–15.0	Qbt3	Fluorene	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Nitrosodiphenylamine[N-]	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Butylbenzylphthalate	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Phenanthrene	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Di-n-butylphthalate	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Aniline	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Dinitrotoluene[2,6-]	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Chloro-3-methylphenol[4-]	1.3	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Benzo(a)anthracene	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Dibenz(a,h)anthracene	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Dinitro-2-methylphenol[4,6-]	3.3	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Dinitrophenol[2,4-]	3.3	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Benzo(a)pyrene	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Anthracene	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Hexachlorobenzene	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Di-n-octylphthalate	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Bis(2-ethylhexyl)phthalate	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Bis(2-chloroethoxy)methane	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Bis(2-chloroethyl)ether	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Phenol	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Oxybis(1-chloropropane)[2,2'-]	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Indeno(1,2,3-cd)pyrene	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Benzo(g,h,i)perylene	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Dibenzofuran	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Dimethyl phthalate	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Pyrene	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Dinitrotoluene[2,4-]	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Dichlorophenol[2,4-]	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Trichlorobenzene[1,2,4-]	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Bromophenyl-phenylether[4-]	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Dimethylphenol[2,4-]	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Methylphenol[4-]	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Chloroaniline[4-]	1.3	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Dichlorobenzene[1,4-]	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Benzyl alcohol	1.3	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Nitrophenol[4-]	3.3	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Nitroso-di-n-propylamine[N-]	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Acenaphthylene	0.66	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Aluminum	9290	mg/kg	None
21-01672	AAA4132	10.0–15.0	Qbt3	Vanadium	9.3	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Thallium	0.22	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Strontium	415	mg/kg	None
21-01672	AAA4132	10.0–15.0	Qbt3	Selenium	0.45	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Antimony	0.22	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Lead	12.3	mg/kg	None
21-01672	AAA4132	10.0–15.0	Qbt3	Nickel	6	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Molybdenum	6.5	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Manganese	125	mg/kg	None
21-01672	AAA4132	10.0–15.0	Qbt3	Magnesium	8840	mg/kg	None
21-01672	AAA4132	10.0–15.0	Qbt3	Lithium	13.1	mg/kg	None
21-01672	AAA4132	10.0–15.0	Qbt3	Potassium	2440	mg/kg	None

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01672	AAA4132	10.0–15.0	Qbt3	Iron	5420	mg/kg	None
21-01672	AAA4132	10.0–15.0	Qbt3	Beryllium	0.75	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Calcium	123000	mg/kg	None
21-01672	AAA4132	10.0–15.0	Qbt3	Cadmium	0.7	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Copper	6.7	mg/kg	None
21-01672	AAA4132	10.0–15.0	Qbt3	Cobalt	2	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Barium	271	mg/kg	None
21-01672	AAA4132	10.0–15.0	Qbt3	Arsenic	2.7	mg/kg	None
21-01672	AAA4132	10.0–15.0	Qbt3	Silver	1.1	mg/kg	U
21-01672	AAA4132	10.0–15.0	Qbt3	Zinc	23.4	mg/kg	None
21-01672	AAA4132	10.0–15.0	Qbt3	Chromium	4	mg/kg	None
21-01672	AAA4132	10.0–15.0	Qbt3	Cesium-137	1.04	pCi/g	UJ
21-01672	AAA4132	10.0–15.0	Qbt3	Plutonium-238	0.002	pCi/g	U
21-01672	AAA4132	10.0–15.0	Qbt3	Plutonium-239	0.003	pCi/g	U
21-01672	AAA4132	10.0–15.0	Qbt3	Thorium-228	1.25	pCi/g	None
21-01672	AAA4132	10.0–15.0	Qbt3	Thorium-232	1.22	pCi/g	None
21-01672	AAA4132	10.0–15.0	Qbt3	Thorium-230	1.12	pCi/g	None
21-01672	AAA4132	10.0–15.0	Qbt3	Uranium-235	0.06	pCi/g	U
21-01672	AAA4132	10.0–15.0	Qbt3	Uranium-238	0.95	pCi/g	None
21-01672	AAA4132	10.0–15.0	Qbt3	Uranium-234	1.28	pCi/g	None
21-01672	AAA4132	10.0–15.0	Qbt3	Americium-241	0.009	pCi/g	U
21-01672	AAA4132	10.0–15.0	Qbt3	Strontium-90	-0.06	pCi/g	U
21-01672	AAA4132	10.0–15.0	Qbt3	Tritium	1335.583	pCi/g	J
21-01672	AAA4133	15.0–20.0	Qbt3	Dibenzofuran	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Nitroaniline[4-]	3.3	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Nitroso-di-n-propylamine[N-]	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Dinitrotoluene[2,6-]	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Chloro-3-methylphenol[4-]	1.3	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Benzo(a)anthracene	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Dichlorobenzene[1,3-]	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Dibenz(a,h)anthracene	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Dinitro-2-methylphenol[4,6-]	3.3	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Dinitrophenol[2,4-]	3.3	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Trichlorophenol[2,4,6-]	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Pentachlorophenol	3.3	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Fluorene	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Nitrosodiphenylamine[N-]	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Butylbenzylphthalate	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Phenanthrene	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Di-n-butylphthalate	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Diethylphthalate	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Nitroaniline[3-]	3.3	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Nitrobenzene	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Trichlorophenol[2,4,5-]	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Chlorophenol[2-]	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Dichlorobenzene[1,2-]	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Methylphenol[2-]	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Benzidine	3.3	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Dichlorobenzidine[3,3'-]	1.3	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Chloronaphthalene[2-]	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Methylnaphthalene[2-]	0.66	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01672	AAA4133	15.0–20.0	Qbt3	Naphthalene	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Nitrophenol[2-]	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Nitroaniline[2-]	3.3	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Acenaphthene	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Isophorone	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Hexachlorocyclopentadiene	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Chlorophenyl-phenyl[4-] ether	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Hexachloroethane	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Benzoic acid	3.3	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Nitrosodimethylamine[N-]	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Aniline	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Benzo(a)pyrene	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Indeno(1,2,3-cd)pyrene	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Benzo(g,h,i)perylene	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Dimethyl phthalate	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Pyrene	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Dichlorophenol[2,4-]	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Trichlorobenzene[1,2,4-]	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Anthracene	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Hexachlorobenzene	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Di-n-octylphthalate	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Bis(2-ethylhexyl)phthalate	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Bis(2-chloroethoxy)methane	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Bis(2-chloroethyl)ether	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Phenol	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Oxybis(1-chloropropane)[2,2'-]	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Chloroaniline[4-]	1.3	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Bromophenyl-phenylether[4-]	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Azobenzene	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Dimethylphenol[2,4-]	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Dichlorobenzene[1,4-]	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Methylphenol[4-]	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Benzyl alcohol	1.3	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Nitrophenol[4-]	3.3	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Dinitrotoluene[2,4-]	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Hexachlorobutadiene	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Benzo(b)fluoranthene	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Chrysene	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Acenaphthylene	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Fluoranthene	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Benzo(k)fluoranthene	0.66	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Chromium	1.4	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Lead	2	mg/kg	None
21-01672	AAA4133	15.0–20.0	Qbt3	Silver	1	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Nickel	2.3	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Molybdenum	6	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Manganese	64.2	mg/kg	None
21-01672	AAA4133	15.0–20.0	Qbt3	Magnesium	138	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Lithium	1.7	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Potassium	222	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Iron	921	mg/kg	None

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01672	AAA4133	15.0–20.0	Qbt3	Copper	0.62	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Zinc	6.5	mg/kg	None
21-01672	AAA4133	15.0–20.0	Qbt3	Vanadium	1	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Thallium	0.21	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Strontium	1.4	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Selenium	0.41	mg/kg	UJ
21-01672	AAA4133	15.0–20.0	Qbt3	Antimony	0.21	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Barium	3	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Beryllium	0.21	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Calcium	832	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Cobalt	1.9	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Cadmium	0.62	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Arsenic	0.83	mg/kg	U
21-01672	AAA4133	15.0–20.0	Qbt3	Aluminum	245	mg/kg	None
21-01672	AAA4133	15.0–20.0	Qbt3	Cesium-137	0.58	pCi/g	UJ
21-01672	AAA4133	15.0–20.0	Qbt3	Plutonium-238	0.001	pCi/g	U
21-01672	AAA4133	15.0–20.0	Qbt3	Plutonium-239	0.002	pCi/g	U
21-01672	AAA4133	15.0–20.0	Qbt3	Thorium-228	1.51	pCi/g	None
21-01672	AAA4133	15.0–20.0	Qbt3	Thorium-230	1.28	pCi/g	None
21-01672	AAA4133	15.0–20.0	Qbt3	Thorium-232	1.45	pCi/g	None
21-01672	AAA4133	15.0–20.0	Qbt3	Uranium-234	1.14	pCi/g	None
21-01672	AAA4133	15.0–20.0	Qbt3	Uranium-235	0.05	pCi/g	U
21-01672	AAA4133	15.0–20.0	Qbt3	Uranium-238	1.02	pCi/g	None
21-01672	AAA4133	15.0–20.0	Qbt3	Americium-241	0.008	pCi/g	None
21-01672	AAA4133	15.0–20.0	Qbt3	Strontium-90	-0.07	pCi/g	U
21-01672	AAA4133	15.0–20.0	Qbt3	Tritium	776.8942	pCi/g	J
21-10516	MD21-98-0034	0.0–0.5	ALLH	BHC[alpha-]	0.0017	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	BHC[beta-]	0.0017	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	BHC[delta-]	0.0017	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	BHC[gamma-]	0.0017	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Heptachlor	0.0017	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Aldrin	0.0017	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Heptachlor Epoxide	0.0017	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Endosulfan I	0.0017	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Dieldrin	0.0035	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	DDE[4,4'-]	0.0035	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Endrin	0.0035	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Endosulfan II	0.0035	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	DDD[4,4'-]	0.0035	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Endosulfan Sulfate	0.0035	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	DDT[4,4'-]	0.0035	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Methoxychlor[4,4'-]	0.017	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Endrin Ketone	0.0035	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Endrin Aldehyde	0.00035	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Chlordane[alpha-]	0.0017	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Chlordane[gamma-]	0.0017	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Toxaphene (technical grade)	0.17	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Aroclor-1016	0.035	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Aroclor-1221	0.069	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Aroclor-1232	0.035	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Aroclor-1242	0.035	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-10516	MD21-98-0034	0.0–0.5	ALLH	Aroclor-1248	0.035	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Aroclor-1254	0.035	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Aroclor-1260	0.035	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Fluoranthene	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Pyrene	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Butylbenzylphthalate	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Dichlorobenzidine[3,3'-]	0.69	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Benzo(a)anthracene	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Bis(2-ethylhexyl)phthalate	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Chrysene	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Di-n-octylphthalate	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Benzo(b)fluoranthene	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Benzo(k)fluoranthene	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Benzo(a)pyrene	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Dibenz(a,h)anthracene	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Benzo(g,h,i)perylene	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Benzyl alcohol	1.4	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Nitrosodimethylamine[N-]	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Aniline	0.69	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Phenol	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Bis(2-chloroethyl)ether	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Chlorophenol[2-]	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Dichlorobenzene[1,3-]	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Dichlorobenzene[1,4-]	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Dichlorobenzene[1,2-]	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Methylphenol[2-]	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Methylphenol[4-]	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Hexachloroethane	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Nitrobenzene	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Isophorone	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Nitrophenol[2-]	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Dimethylphenol[2,4-]	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Benzoic acid	3.5	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Bis(2-chloroethoxy)methane	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Dichlorophenol[2,4-]	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Trichlorobenzene[1,2,4-]	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Naphthalene	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Chloroaniline[4-]	1.4	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Hexachlorobutadiene	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Chloro-3-methylphenol[4-]	0.69	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Methylnaphthalene[2-]	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Hexachlorocyclopentadiene	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Trichlorophenol[2,4,6-]	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Trichlorophenol[2,4,5-]	1.7	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Chloronaphthalene[2-]	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Nitroaniline[2-]	1.7	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Dimethyl phthalate	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Acenaphthylene	0.35	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-10516	MD21-98-0034	0.0–0.5	ALLH	Nitroaniline[3-]	1.7	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Acenaphthene	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Dinitrophenol[2,4-]	1.7	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Nitrophenol[4-]	1.7	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Dibenzofuran	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Dinitrotoluene[2,4-]	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Dinitrotoluene[2,6-]	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Diethylphthalate	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Chlorophenyl-phenyl[4-] ether	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Fluorene	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Nitroaniline[4-]	0.69	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Nitrosodiphenylamine[N-]	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Azobenzene	0.69	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Bromophenyl-phenylether[4-]	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Hexachlorobenzene	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Pentachlorophenol	1.7	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Phenanthrene	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Anthracene	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Di-n-butylphthalate	0.35	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Aluminum	12000	mg/kg	None
21-10516	MD21-98-0034	0.0–0.5	ALLH	Arsenic	4.6	mg/kg	None
21-10516	MD21-98-0034	0.0–0.5	ALLH	Barium	100	mg/kg	None
21-10516	MD21-98-0034	0.0–0.5	ALLH	Beryllium	0.77	mg/kg	None
21-10516	MD21-98-0034	0.0–0.5	ALLH	Cadmium	0.53	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Calcium	2100	mg/kg	None
21-10516	MD21-98-0034	0.0–0.5	ALLH	Chromium	8.6	mg/kg	None
21-10516	MD21-98-0034	0.0–0.5	ALLH	Cobalt	4.9	mg/kg	None
21-10516	MD21-98-0034	0.0–0.5	ALLH	Copper	5.8	mg/kg	None
21-10516	MD21-98-0034	0.0–0.5	ALLH	Iron	10000	mg/kg	None
21-10516	MD21-98-0034	0.0–0.5	ALLH	Lead	11	mg/kg	None
21-10516	MD21-98-0034	0.0–0.5	ALLH	Magnesium	1700	mg/kg	None
21-10516	MD21-98-0034	0.0–0.5	ALLH	Manganese	310	mg/kg	J-
21-10516	MD21-98-0034	0.0–0.5	ALLH	Nickel	5.6	mg/kg	None
21-10516	MD21-98-0034	0.0–0.5	ALLH	Potassium	1700	mg/kg	None
21-10516	MD21-98-0034	0.0–0.5	ALLH	Selenium	1.1	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Silver	2.1	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Sodium	73	mg/kg	None
21-10516	MD21-98-0034	0.0–0.5	ALLH	Thallium	2.1	mg/kg	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Vanadium	18	mg/kg	None
21-10516	MD21-98-0034	0.0–0.5	ALLH	Zinc	36	mg/kg	None
21-10516	MD21-98-0034	0.0–0.5	ALLH	Mercury	0.22	mg/kg	None
21-10516	MD21-98-0034	0.0–0.5	ALLH	Americium-241	-0.12	pCi/g	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Cobalt-60	0.067	pCi/g	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Cesium-134	0.021	pCi/g	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Cesium-137	0.076	pCi/g	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Europium-152	0.02	pCi/g	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Sodium-22	-0.06	pCi/g	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Ruthenium-106	0.11	pCi/g	U
21-10516	MD21-98-0034	0.0–0.5	ALLH	Tritium	0.11	pCi/g	None
21-10516	MD21-98-0034	0.0–0.5	ALLH	Thorium-228	1.42	pCi/g	None

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-10516	MD21-98-0034	0.0–0.5	ALLH	Thorium-230	1.133	pCi/g	None
21-10516	MD21-98-0034	0.0–0.5	ALLH	Thorium-232	1.4	pCi/g	None
21-10516	MD21-98-0034	0.0–0.5	ALLH	Uranium-234	1.32	pCi/g	None
21-10516	MD21-98-0034	0.0–0.5	ALLH	Uranium-235	0.044	pCi/g	None
21-10516	MD21-98-0034	0.0–0.5	ALLH	Uranium-238	1.106	pCi/g	None
21-10515	MD21-98-0035	0.0–0.5	Qbt3	BHC[alpha-]	0.0017	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	BHC[beta-]	0.0017	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	BHC[delta-]	0.0017	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	BHC[gamma-]	0.0017	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Heptachlor	0.0017	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Aldrin	0.0017	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Heptachlor epoxide	0.0017	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Endosulfan I	0.0017	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Dieldrin	0.0033	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	DDE[4,4'-]	0.0033	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Endrin	0.0033	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Endosulfan II	0.0033	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	DDD[4,4'-]	0.0033	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Endosulfan sulfate	0.0033	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	DDT[4,4'-]	0.0033	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Methoxychlor[4,4'-]	0.017	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Endrin ketone	0.0033	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Endrin aldehyde	0.00033	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Chlordane[alpha-]	0.0017	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Chlordane[gamma-]	0.0017	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Toxaphene (technical grade)	0.17	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Aroclor-1016	0.033	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Aroclor-1221	0.067	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Aroclor-1232	0.033	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Aroclor-1242	0.033	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Aroclor-1248	0.033	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Aroclor-1254	0.11	mg/kg	None
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Aroclor-1260	0.033	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Acenaphthylene	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Nitroaniline[3-]	1.6	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Acenaphthene	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Dinitrophenol[2,4-]	1.6	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Nitrophenol[4-]	1.6	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Dibenzofuran	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Dinitrotoluene[2,4-]	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Dinitrotoluene[2,6-]	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Diethylphthalate	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Chlorophenyl-phenyl[4-] ether	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Fluorene	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Nitroaniline[4-]	0.67	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Dinitro-2-methylphenol[4,6-]	1.6	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Nitrosodiphenylamine[N-]	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Azobenzene	0.67	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Bromophenyl-phenylether[4-]	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Hexachlorobenzene	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Pentachlorophenol	1.6	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Phenanthrene	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Anthracene	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Di-n-butylphthalate	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Fluoranthene	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Pyrene	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Butylbenzylphthalate	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Dichlorobenzidine[3,3'-]	0.67	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Benzo(a)anthracene	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Bis(2-ethylhexyl)phthalate	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Chrysene	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Di-n-octylphthalate	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Benzo(b)fluoranthene	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Benzo(k)fluoranthene	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Benzo(a)pyrene	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Indeno(1,2,3-cd)pyrene	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Dibenz(a,h)anthracene	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Benzo(g,h,i)perylene	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Benzyl alcohol	1.3	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Oxybis(1-chloropropane)[2,2'-]	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Nitrosodimethylamine[N-]	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Aniline	0.67	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Phenol	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Bis(2-chloroethyl)ether	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Chlorophenol[2-]	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Dichlorobenzene[1,3-]	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Dichlorobenzene[1,4-]	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Dichlorobenzene[1,2-]	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Methylphenol[2-]	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Methylphenol[4-]	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Nitroso-di-n-propylamine[N-]	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Hexachloroethane	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Nitrobenzene	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Isophorone	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Nitrophenol[2-]	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Dimethylphenol[2,4-]	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Benzoic acid	3.3	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Bis(2-chloroethoxy)methane	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Dichlorophenol[2,4-]	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Trichlorobenzene[1,2,4-]	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Naphthalene	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Chloroaniline[4-]	1.3	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Hexachlorobutadiene	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Chloro-3-methylphenol[4-]	0.67	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Methylnaphthalene[2-]	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Hexachlorocyclopentadiene	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Trichlorophenol[2,4,6-]	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Trichlorophenol[2,4,5-]	1.6	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Chloronaphthalene[2-]	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Nitroaniline[2-]	1.6	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Dimethyl phthalate	0.33	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Arsenic	2.3	mg/kg	None

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Barium	8.7	mg/kg	None
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Beryllium	0.51	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Cadmium	0.51	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Calcium	360	mg/kg	None
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Chromium	1.2	mg/kg	None
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Cobalt	1	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Copper	1	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Iron	3500	mg/kg	None
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Lead	8.1	mg/kg	None
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Magnesium	290	mg/kg	None
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Manganese	130	mg/kg	J-
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Nickel	2	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Potassium	220	mg/kg	None
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Selenium	1	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Silver	2	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Sodium	69	mg/kg	None
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Thallium	2	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Vanadium	2.8	mg/kg	None
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Zinc	25	mg/kg	None
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Aluminum	1600	mg/kg	None
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Mercury	0.1	mg/kg	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Americium-241	0.1	pCi/g	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Cobalt-60	-0.048	pCi/g	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Cesium-134	0.012	pCi/g	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Cesium-137	-0.033	pCi/g	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Europium-152	0.09	pCi/g	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Sodium-22	0.025	pCi/g	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Ruthenium-106	-0.2	pCi/g	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Tritium	0.06	pCi/g	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Thorium-228	1.315	pCi/g	None
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Thorium-230	0.925	pCi/g	None
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Thorium-232	1.38	pCi/g	None
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Uranium-235	0.03	pCi/g	U
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Uranium-238	0.689	pCi/g	None
21-10515	MD21-98-0035	0.0–0.5	Qbt3	Uranium-234	0.844	pCi/g	None
21-10514	MD21-98-0036	0.0–0.5	ALLH	Endrin aldehyde	0.00037	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Chlordane[alpha-]	0.0018	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Chlordane[gamma-]	0.0018	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Toxaphene (technical grade)	0.18	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Aroclor-1016	0.037	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Aroclor-1221	0.073	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Aroclor-1232	0.037	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Aroclor-1242	0.037	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Aroclor-1248	0.037	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Aroclor-1254	0.037	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Aroclor-1260	0.037	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	BHC[alpha-]	0.0018	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	BHC[beta-]	0.0018	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	BHC[delta-]	0.0018	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	BHC[gamma-]	0.0018	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Heptachlor	0.0018	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-10514	MD21-98-0036	0.0–0.5	ALLH	Aldrin	0.0018	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Heptachlor epoxide	0.0018	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Endosulfan I	0.0018	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Dieldrin	0.0037	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	DDE[4,4'-]	0.0037	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Endrin	0.0037	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Endosulfan II	0.0037	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	DDD[4,4'-]	0.0037	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Endosulfan sulfate	0.0037	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	DDT[4,4'-]	0.0037	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Methoxychlor[4,4'-]	0.018	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Endrin ketone	0.0037	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Benzo(b)fluoranthene	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Benzo(k)fluoranthene	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Benzo(a)pyrene	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Indeno(1,2,3-cd)pyrene	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Dibenz(a,h)anthracene	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Benzo(g,h,i)perylene	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Benzyl alcohol	1.4	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Methylphenol[4-]	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Nitroso-di-n-propylamine[N-]	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Hexachloroethane	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Nitrobenzene	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Isophorone	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Nitrophenol[2-]	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Dimethylphenol[2,4-]	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Benzoic acid	3.7	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Bis(2-chloroethoxy)methane	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Dichlorophenol[2,4-]	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Trichlorobenzene[1,2,4-]	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Naphthalene	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Chloroaniline[4-]	1.4	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Hexachlorobutadiene	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Chloro-3-methylphenol[4-]	0.73	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Methylnaphthalene[2-]	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Hexachlorocyclopentadiene	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Trichlorophenol[2,4,6-]	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Trichlorophenol[2,4,5-]	1.8	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Chloronaphthalene[2-]	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Nitroaniline[2-]	1.8	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Dimethyl phthalate	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Acenaphthylene	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Nitroaniline[3-]	1.8	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Acenaphthene	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Dinitrophenol[2,4-]	1.8	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Nitrophenol[4-]	1.8	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Dibenzofuran	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Dinitrotoluene[2,4-]	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Dinitrotoluene[2,6-]	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Diethylphthalate	0.37	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-10514	MD21-98-0036	0.0–0.5	ALLH	Chlorophenyl-phenyl[4-] ether	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Fluorene	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Nitroaniline[4-]	0.73	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Dinitro-2-methylphenol[4,6-]	1.8	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Nitrosodiphenylamine[N-]	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Azobenzene	0.73	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Bromophenyl-phenylether[4-]	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Hexachlorobenzene	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Pentachlorophenol	1.8	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Phenanthrene	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Anthracene	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Di-n-butylphthalate	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Fluoranthene	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Pyrene	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Butylbenzylphthalate	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Dichlorobenzidine[3,3'-]	0.73	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Benzo(a)anthracene	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Bis(2-ethylhexyl)phthalate	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Chrysene	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Di-n-octylphthalate	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Nitrosodimethylamine[N-]	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Aniline	0.73	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Phenol	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Bis(2-chloroethyl)ether	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Chlorophenol[2-]	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Dichlorobenzene[1,3-]	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Dichlorobenzene[1,4-]	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Dichlorobenzene[1,2-]	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Methylphenol[2-]	0.37	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Aluminum	14000	mg/kg	None
21-10514	MD21-98-0036	0.0–0.5	ALLH	Arsenic	4.4	mg/kg	None
21-10514	MD21-98-0036	0.0–0.5	ALLH	Barium	120	mg/kg	None
21-10514	MD21-98-0036	0.0–0.5	ALLH	Beryllium	0.85	mg/kg	None
21-10514	MD21-98-0036	0.0–0.5	ALLH	Cadmium	0.56	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Calcium	4100	mg/kg	None
21-10514	MD21-98-0036	0.0–0.5	ALLH	Chromium	9.3	mg/kg	None
21-10514	MD21-98-0036	0.0–0.5	ALLH	Cobalt	5	mg/kg	None
21-10514	MD21-98-0036	0.0–0.5	ALLH	Copper	8	mg/kg	None
21-10514	MD21-98-0036	0.0–0.5	ALLH	Iron	11000	mg/kg	None
21-10514	MD21-98-0036	0.0–0.5	ALLH	Lead	16	mg/kg	None
21-10514	MD21-98-0036	0.0–0.5	ALLH	Magnesium	2300	mg/kg	None
21-10514	MD21-98-0036	0.0–0.5	ALLH	Manganese	320	mg/kg	J-
21-10514	MD21-98-0036	0.0–0.5	ALLH	Nickel	6.7	mg/kg	None
21-10514	MD21-98-0036	0.0–0.5	ALLH	Potassium	2600	mg/kg	None
21-10514	MD21-98-0036	0.0–0.5	ALLH	Selenium	1.1	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Silver	2.2	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Sodium	83	mg/kg	None
21-10514	MD21-98-0036	0.0–0.5	ALLH	Thallium	2.2	mg/kg	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Vanadium	17	mg/kg	None
21-10514	MD21-98-0036	0.0–0.5	ALLH	Zinc	54	mg/kg	None
21-10514	MD21-98-0036	0.0–0.5	ALLH	Mercury	0.11	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-10514	MD21-98-0036	0.0–0.5	ALLH	Cobalt-60	0.062	pCi/g	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Cesium-134	0.019	pCi/g	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Cesium-137	0.69	pCi/g	None
21-10514	MD21-98-0036	0.0–0.5	ALLH	Europium-152	-0.05	pCi/g	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Sodium-22	0.018	pCi/g	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Ruthenium-106	0	pCi/g	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Americium-241	0.19	pCi/g	U
21-10514	MD21-98-0036	0.0–0.5	ALLH	Tritium	0.63	pCi/g	None
21-10514	MD21-98-0036	0.0–0.5	ALLH	Thorium-228	1.326	pCi/g	None
21-10514	MD21-98-0036	0.0–0.5	ALLH	Thorium-230	1.118	pCi/g	None
21-10514	MD21-98-0036	0.0–0.5	ALLH	Thorium-232	1.52	pCi/g	None
21-10514	MD21-98-0036	0.0–0.5	ALLH	Uranium-234	1.118	pCi/g	None
21-10514	MD21-98-0036	0.0–0.5	ALLH	Uranium-235	0.098	pCi/g	None
21-10514	MD21-98-0036	0.0–0.5	ALLH	Uranium-238	1.099	pCi/g	None
21-10513	MD21-98-0037	0.0–0.5	Qbt3	BHC[alpha-]	0.0019	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	BHC[beta-]	0.0019	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	BHC[delta-]	0.0019	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	BHC[gamma-]	0.0019	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Heptachlor	0.0019	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Aldrin	0.0019	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Heptachlor epoxide	0.0019	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Endosulfan I	0.0019	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Dieldrin	0.0037	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	DDE[4,4'-]	0.0037	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Endrin	0.0037	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Endosulfan II	0.0037	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	DDD[4,4'-]	0.0037	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Endosulfan sulfate	0.0037	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	DDT[4,4'-]	0.0037	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Methoxychlor[4,4'-]	0.019	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Endrin ketone	0.0037	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Endrin aldehyde	0.00037	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Chlordane[alpha-]	0.0019	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Chlordane[gamma-]	0.0019	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Toxaphene (technical grade)	0.19	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Aroclor-1016	0.037	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Aroclor-1221	0.074	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Aroclor-1232	0.037	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Aroclor-1242	0.037	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Aroclor-1248	0.037	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Aroclor-1254	0.037	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Aroclor-1260	0.037	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Dinitrotoluene[2,6-]	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Diethylphthalate	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Chlorophenyl-phenyl[4-] ether	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Fluorene	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Nitroaniline[4-]	0.74	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Dinitro-2-methylphenol[4,6-]	1.8	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Nitrosodiphenylamine[N-]	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Azobenzene	0.74	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Bromophenyl-phenylether[4-]	0.37	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Hexachlorobenzene	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Pentachlorophenol	1.8	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Phenanthrene	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Anthracene	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Di-n-butylphthalate	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Fluoranthene	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Pyrene	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Butylbenzylphthalate	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Dichlorobenzidine[3,3'-]	0.74	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Benzo(a)anthracene	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Bis(2-ethylhexyl)phthalate	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Chrysene	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Di-n-octylphthalate	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Benzo(b)fluoranthene	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Benzo(k)fluoranthene	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Benzo(a)pyrene	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Indeno(1,2,3-cd)pyrene	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Dibenz(a,h)anthracene	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Benzo(g,h,i)perylene	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Benzyl alcohol	1.5	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Oxybis(1-chloropropane)[2,2'-]	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Nitrosodimethylamine[N-]	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Aniline	0.74	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Phenol	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Bis(2-chloroethyl)ether	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Chlorophenol[2-]	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Dichlorobenzene[1,3-]	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Dichlorobenzene[1,4-]	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Dichlorobenzene[1,2-]	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Methylphenol[2-]	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Methylphenol[4-]	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Nitroso-di-n-propylamine[N-]	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Hexachloroethane	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Nitrobenzene	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Isophorone	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Nitrophenol[2-]	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Dimethylphenol[2,4-]	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Benzoic acid	3.7	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Bis(2-chloroethoxy)methane	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Dichlorophenol[2,4-]	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Trichlorobenzene[1,2,4-]	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Naphthalene	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Chloroaniline[4-]	1.5	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Hexachlorobutadiene	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Chloro-3-methylphenol[4-]	0.74	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Methylnaphthalene[2-]	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Hexachlorocyclopentadiene	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Trichlorophenol[2,4,6-]	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Trichlorophenol[2,4,5-]	1.8	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Chloronaphthalene[2-]	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Nitroaniline[2-]	1.8	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Dimethyl phthalate	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Acenaphthylene	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Nitroaniline[3-]	1.8	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Acenaphthene	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Dinitrophenol[2,4-]	1.8	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Nitrophenol[4-]	1.8	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Dibenzofuran	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Dinitrotoluene[2,4-]	0.37	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Nickel	8.3	mg/kg	None
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Potassium	2500	mg/kg	None
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Selenium	1.1	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Silver	2.2	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Sodium	140	mg/kg	None
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Thallium	2.2	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Vanadium	28	mg/kg	None
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Zinc	60	mg/kg	None
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Aluminum	25000	mg/kg	None
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Antimony	11	mg/kg	UJ
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Arsenic	8.2	mg/kg	None
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Barium	110	mg/kg	None
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Beryllium	1.8	mg/kg	None
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Cadmium	0.56	mg/kg	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Calcium	3100	mg/kg	None
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Chromium	16	mg/kg	None
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Cobalt	5.7	mg/kg	None
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Copper	8	mg/kg	None
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Iron	17000	mg/kg	None
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Lead	26	mg/kg	None
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Magnesium	2900	mg/kg	None
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Manganese	270	mg/kg	J-
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Mercury	0.18	mg/kg	None
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Cobalt-60	-0.031	pCi/g	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Cesium-134	-0.034	pCi/g	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Cesium-137	0.062	pCi/g	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Europium-152	0.04	pCi/g	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Sodium-22	-0.02	pCi/g	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Ruthenium-106	0.15	pCi/g	U
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Tritium	0.25	pCi/g	None
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Thorium-228	1.67	pCi/g	None
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Thorium-230	1.129	pCi/g	None
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Thorium-232	1.71	pCi/g	None
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Uranium-234	0.926	pCi/g	None
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Uranium-235	0.041	pCi/g	None
21-10513	MD21-98-0037	0.0–0.5	Qbt3	Uranium-238	0.829	pCi/g	None
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Dieldrin	0.0034	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	DDE[4,4'-]	0.0034	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Endrin	0.0034	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Endosulfan II	0.0034	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	DDD[4,4'-]	0.0034	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Endosulfan sulfate	0.0034	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	DDT[4,4'-]	0.0034	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Methoxychlor[4,4'-]	0.017	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Endrin ketone	0.0034	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Endrin aldehyde	0.00034	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Chlordane[alpha-]	0.0017	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Chlordane[gamma-]	0.0017	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Toxaphene (technical grade)	0.17	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Aroclor-1016	0.034	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Aroclor-1221	0.067	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Aroclor-1232	0.034	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Aroclor-1242	0.034	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Aroclor-1248	0.034	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Aroclor-1254	0.034	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Aroclor-1260	0.034	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	BHC[alpha-]	0.0017	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	BHC[beta-]	0.0017	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	BHC[delta-]	0.0017	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	BHC[gamma-]	0.0017	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Heptachlor	0.0017	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Aldrin	0.0017	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Heptachlor epoxide	0.0017	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Endosulfan I	0.0017	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Oxybis(1-chloropropane)[2,2'-]	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Benzoic acid	3.4	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Bis(2-chloroethoxy)methane	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Dichlorophenol[2,4-]	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Trichlorobenzene[1,2,4-]	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Naphthalene	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Chloroaniline[4-]	1.3	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Hexachlorobutadiene	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Chloro-3-methylphenol[4-]	0.67	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Methylnaphthalene[2-]	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Hexachlorocyclopentadiene	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Trichlorophenol[2,4,6-]	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Trichlorophenol[2,4,5-]	1.6	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Chloronaphthalene[2-]	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Nitroaniline[2-]	1.6	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Dimethyl phthalate	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Acenaphthylene	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Nitroaniline[3-]	1.6	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Acenaphthene	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Dinitrophenol[2,4-]	1.6	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Nitrophenol[4-]	1.6	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Dibenzofuran	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Dinitrotoluene[2,4-]	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Dinitrotoluene[2,6-]	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Diethylphthalate	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Chlorophenyl-phenyl[4-] ether	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Fluorene	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Nitroaniline[4-]	0.67	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Dinitro-2-methylphenol[4,6-]	1.6	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Nitrosodiphenylamine[N-]	0.34	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Azobenzene	0.67	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Bromophenyl-phenylether[4-]	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Hexachlorobenzene	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Pentachlorophenol	1.6	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Phenanthrene	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Anthracene	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Di-n-butylphthalate	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Fluoranthene	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Pyrene	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Butylbenzylphthalate	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Dichlorobenzidine[3,3'-]	0.67	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Benzo(a)anthracene	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Bis(2-ethylhexyl)phthalate	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Chrysene	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Di-n-octylphthalate	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Benzo(b)fluoranthene	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Benzo(k)fluoranthene	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Benzo(a)pyrene	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Indeno(1,2,3-cd)pyrene	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Dibenz(a,h)anthracene	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Benzo(g,h,i)perylene	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Benzyl alcohol	1.3	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Nitrosodimethylamine[N-]	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Aniline	0.67	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Phenol	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Bis(2-chloroethyl)ether	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Chlorophenol[2-]	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Dichlorobenzene[1,3-]	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Dichlorobenzene[1,4-]	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Dichlorobenzene[1,2-]	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Methylphenol[2-]	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Methylphenol[4-]	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Nitroso-di-n-propylamine[N-]	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Hexachloroethane	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Nitrobenzene	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Isophorone	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Nitrophenol[2-]	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Dimethylphenol[2,4-]	0.34	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Aluminum	2500	mg/kg	None
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Arsenic	2.5	mg/kg	None
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Barium	12	mg/kg	None
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Beryllium	0.51	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Cadmium	0.51	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Calcium	490	mg/kg	None
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Chromium	1.6	mg/kg	None
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Cobalt	1	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Copper	1	mg/kg	None
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Iron	3800	mg/kg	None
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Lead	3.6	mg/kg	None
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Magnesium	310	mg/kg	None
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Manganese	130	mg/kg	J-

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Nickel	2	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Potassium	310	mg/kg	None
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Selenium	1	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Silver	2	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Sodium	96	mg/kg	None
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Thallium	2	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Vanadium	4.3	mg/kg	None
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Zinc	20	mg/kg	None
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Mercury	0.1	mg/kg	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Cesium-134	-0.004	pCi/g	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Cesium-137	-0.044	pCi/g	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Europium-152	0.02	pCi/g	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Sodium-22	-0.021	pCi/g	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Ruthenium-106	-0.17	pCi/g	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Americium-241	-0.01	pCi/g	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Cobalt-60	-0.1	pCi/g	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Tritium	0.09	pCi/g	None
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Thorium-228	1.279	pCi/g	None
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Thorium-230	0.892	pCi/g	None
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Thorium-232	1.168	pCi/g	None
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Uranium-234	0.879	pCi/g	None
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Uranium-235	0.0222	pCi/g	U
21-10512	MD21-98-0038	0.0–0.5	Qbt3	Uranium-238	0.822	pCi/g	None
21-10511	MD21-98-0039	0.0–0.5	Qbt3	BHC[alpha-]	0.0017	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	BHC[beta-]	0.0017	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	BHC[delta-]	0.0017	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	BHC[gamma-]	0.0017	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Heptachlor	0.0017	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Aldrin	0.0017	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Heptachlor epoxide	0.0017	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Endosulfan I	0.0017	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Dieldrin	0.0034	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	DDE[4,4'-]	0.0034	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Endrin	0.0034	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Endosulfan II	0.0034	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	DDD[4,4'-]	0.0034	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Endosulfan sulfate	0.0034	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	DDT[4,4'-]	0.0034	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Methoxychlor[4,4'-]	0.017	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Endrin ketone	0.0034	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Endrin aldehyde	0.00034	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Chlordane[alpha-]	0.0017	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Chlordane[gamma-]	0.0017	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Toxaphene (technical grade)	0.17	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Aroclor-1016	0.034	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Aroclor-1221	0.068	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Aroclor-1232	0.034	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Aroclor-1242	0.034	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Aroclor-1248	0.034	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Aroclor-1254	0.034	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Aroclor-1260	0.034	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Azobenzene	0.68	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Bromophenyl-phenylether[4-]	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Hexachlorobenzene	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Pentachlorophenol	1.7	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Phenanthrene	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Anthracene	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Di-n-butylphthalate	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Fluoranthene	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Pyrene	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Butylbenzylphthalate	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Dichlorobenzidine[3,3'-]	0.68	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Benzo(a)anthracene	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Bis(2-ethylhexyl)phthalate	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Chrysene	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Di-n-octylphthalate	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Benzo(b)fluoranthene	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Benzo(k)fluoranthene	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Benzo(a)pyrene	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Indeno(1,2,3-cd)pyrene	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Dibenz(a,h)anthracene	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Benzo(g,h,i)perylene	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Benzyl alcohol	1.3	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Oxybis(1-chloropropane)[2,2'-]	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Nitrosodimethylamine[N-]	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Aniline	0.68	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Phenol	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Bis(2-chloroethyl)ether	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Chlorophenol[2-]	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Dichlorobenzene[1,3-]	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Dichlorobenzene[1,4-]	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Dichlorobenzene[1,2-]	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Methylphenol[2-]	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Methylphenol[4-]	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Nitroso-di-n-propylamine[N-]	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Hexachloroethane	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Nitrobenzene	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Isophorone	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Nitrophenol[2-]	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Dimethylphenol[2,4-]	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Benzoic acid	3.4	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Bis(2-chloroethoxy)methane	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Dichlorophenol[2,4-]	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Trichlorobenzene[1,2,4-]	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Naphthalene	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Chloroaniline[4-]	1.3	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Hexachlorobutadiene	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Chloro-3-methylphenol[4-]	0.68	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Methylnaphthalene[2-]	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Hexachlorocyclopentadiene	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Trichlorophenol[2,4,6-]	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Trichlorophenol[2,4,5-]	1.7	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Chloronaphthalene[2-]	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Nitroaniline[2-]	1.7	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Dimethyl phthalate	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Acenaphthylene	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Nitroaniline[3-]	1.7	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Acenaphthene	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Dinitrophenol[2,4-]	1.7	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Nitrophenol[4-]	1.7	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Dibenzofuran	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Dinitrotoluene[2,4-]	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Dinitrotoluene[2,6-]	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Diethylphthalate	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Chlorophenyl-phenyl[4-] ether	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Fluorene	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Nitroaniline[4-]	0.68	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Nitrosodiphenylamine[N-]	0.34	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Aluminum	1300	mg/kg	None
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Arsenic	2.3	mg/kg	None
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Barium	11	mg/kg	None
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Beryllium	0.52	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Cadmium	0.52	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Calcium	1900	mg/kg	None
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Chromium	1	mg/kg	None
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Cobalt	1	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Copper	1	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Iron	3400	mg/kg	None
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Lead	13	mg/kg	None
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Magnesium	310	mg/kg	None
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Manganese	130	mg/kg	J-
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Nickel	2.1	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Potassium	240	mg/kg	None
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Selenium	1	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Silver	2.1	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Sodium	67	mg/kg	None
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Thallium	2.1	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Vanadium	2.4	mg/kg	None
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Zinc	20	mg/kg	None
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Mercury	0.1	mg/kg	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Sodium-22	-0.061	pCi/g	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Americium-241	0.26	pCi/g	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Cobalt-60	-0.016	pCi/g	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Cesium-134	0.011	pCi/g	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Cesium-137	0.011	pCi/g	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Europium-152	0.12	pCi/g	U
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Tritium	0.1	pCi/g	None
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Thorium-228	1.52	pCi/g	None
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Thorium-230	0.937	pCi/g	None
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Thorium-232	1.41	pCi/g	None
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Uranium-234	0.667	pCi/g	None
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Uranium-238	0.668	pCi/g	None

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-10511	MD21-98-0039	0.0–0.5	Qbt3	Uranium-235	0.043	pCi/g	None
21-10510	MD21-98-0040	0.0–0.5	Qbt3	BHC[alpha-]	0.0018	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	BHC[beta-]	0.0018	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	BHC[delta-]	0.0018	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	BHC[gamma-]	0.0018	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Heptachlor	0.0018	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Aldrin	0.0018	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Heptachlor epoxide	0.0018	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Endosulfan I	0.0018	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Dieldrin	0.0035	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	DDE[4,4'-]	0.0035	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Endrin	0.0035	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Endosulfan II	0.0035	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	DDD[4,4'-]	0.0035	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Endosulfan sulfate	0.0035	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	DDT[4,4'-]	0.0035	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Methoxychlor[4,4'-]	0.018	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Endrin ketone	0.0035	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Endrin aldehyde	0.00035	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Chlordane[alpha-]	0.0018	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Chlordane[gamma-]	0.0018	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Toxaphene (technical grade)	0.18	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Aroclor-1016	0.035	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Aroclor-1221	0.071	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Aroclor-1232	0.035	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Aroclor-1242	0.035	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Aroclor-1248	0.035	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Aroclor-1254	0.035	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Aroclor-1260	0.035	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Chloro-3-methylphenol[4-]	0.71	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Methylnaphthalene[2-]	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Hexachlorocyclopentadiene	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Trichlorophenol[2,4,6-]	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Trichlorophenol[2,4,5-]	1.7	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Chloronaphthalene[2-]	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Nitroaniline[2-]	1.7	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Dimethyl phthalate	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Acenaphthylene	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Nitroaniline[3-]	1.7	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Acenaphthene	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Dinitrophenol[2,4-]	1.7	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Nitrophenol[4-]	1.7	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Dibenzofuran	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Dinitrotoluene[2,4-]	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Dinitrotoluene[2,6-]	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Diethylphthalate	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Chlorophenyl-phenyl[4-] ether	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Fluorene	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Nitroaniline[4-]	0.71	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Nitrosodiphenylamine[N-]	0.35	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Azobenzene	0.71	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Bromophenyl-phenylether[4-]	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Hexachlorobenzene	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Pentachlorophenol	1.7	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Phenanthrene	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Anthracene	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Di-n-butylphthalate	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Fluoranthene	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Pyrene	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Butylbenzylphthalate	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Dichlorobenzidine[3,3'-]	0.71	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Benzo(a)anthracene	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Bis(2-ethylhexyl)phthalate	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Chrysene	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Di-n-octylphthalate	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Benzo(b)fluoranthene	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Benzo(k)fluoranthene	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Benzo(a)pyrene	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Dibenz(a,h)anthracene	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Benzo(g,h,i)perylene	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Benzyl alcohol	1.4	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Nitrosodimethylamine[N-]	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Aniline	0.71	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Phenol	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Bis(2-chloroethyl)ether	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Chlorophenol[2-]	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Dichlorobenzene[1,3-]	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Dichlorobenzene[1,4-]	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Dichlorobenzene[1,2-]	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Methylphenol[2-]	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Methylphenol[4-]	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Hexachloroethane	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Nitrobenzene	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Isophorone	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Nitrophenol[2-]	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Dimethylphenol[2,4-]	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Benzoic acid	3.5	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Bis(2-chloroethoxy)methane	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Dichlorophenol[2,4-]	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Trichlorobenzene[1,2,4-]	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Naphthalene	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Chloroaniline[4-]	1.4	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Hexachlorobutadiene	0.35	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Beryllium	0.55	mg/kg	None
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Cadmium	0.54	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Calcium	910	mg/kg	None
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Chromium	4.4	mg/kg	None
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Cobalt	1.9	mg/kg	None

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Copper	3.9	mg/kg	None
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Iron	6200	mg/kg	None
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Lead	7.9	mg/kg	None
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Magnesium	790	mg/kg	None
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Manganese	140	mg/kg	J-
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Nickel	2.9	mg/kg	None
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Potassium	700	mg/kg	None
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Selenium	1.1	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Silver	2.2	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Sodium	79	mg/kg	None
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Thallium	2.2	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Vanadium	11	mg/kg	None
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Zinc	140	mg/kg	None
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Aluminum	6400	mg/kg	None
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Arsenic	4.5	mg/kg	None
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Barium	43	mg/kg	None
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Mercury	0.11	mg/kg	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Ruthenium-106	-0.71	pCi/g	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Americium-241	-0.29	pCi/g	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Cobalt-60	-0.026	pCi/g	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Cesium-134	0.006	pCi/g	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Cesium-137	-0.012	pCi/g	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Europium-152	0.04	pCi/g	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Sodium-22	0.009	pCi/g	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Tritium	0.09	pCi/g	U
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Thorium-228	1.44	pCi/g	None
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Thorium-230	0.914	pCi/g	None
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Thorium-232	1.335	pCi/g	None
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Uranium-234	0.991	pCi/g	None
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Uranium-235	0.037	pCi/g	None
21-10510	MD21-98-0040	0.0–0.5	Qbt3	Uranium-238	0.828	pCi/g	None
21-10509	MD21-98-0041	0.0–0.5	ALLH	Toxaphene (technical grade)	0.18	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Aroclor-1016	0.036	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Aroclor-1221	0.073	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Aroclor-1232	0.036	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Aroclor-1242	0.036	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Aroclor-1248	0.036	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Aroclor-1254	0.036	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Aroclor-1260	0.036	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	BHC[alpha-]	0.0018	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	BHC[beta-]	0.0018	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	BHC[delta-]	0.0018	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	BHC[gamma-]	0.0018	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Heptachlor	0.0018	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Aldrin	0.0018	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Heptachlor epoxide	0.0018	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Endosulfan I	0.0018	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Dieldrin	0.0036	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	DDE[4,4'-]	0.0036	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Endrin	0.0036	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Endosulfan II	0.0036	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-10509	MD21-98-0041	0.0–0.5	ALLH	DDD[4,4'-]	0.0036	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Endosulfan sulfate	0.0036	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	DDT[4,4'-]	0.0036	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Methoxychlor[4,4'-]	0.018	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Endrin ketone	0.0036	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Endrin aldehyde	0.00036	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Chlordane[alpha-]	0.0018	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Chlordane[gamma-]	0.0018	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Fluoranthene	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Pyrene	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Butylbenzylphthalate	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Dichlorobenzidine[3,3'-]	0.73	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Benzo(a)anthracene	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Bis(2-ethylhexyl)phthalate	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Chrysene	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Di-n-octylphthalate	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Benzo(b)fluoranthene	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Benzo(k)fluoranthene	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Benzo(a)pyrene	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Indeno(1,2,3-cd)pyrene	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Dibenz(a,h)anthracene	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Benzo(g,h,i)perylene	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Benzyl alcohol	1.4	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Aniline	0.73	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Phenol	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Bis(2-chloroethyl)ether	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Chlorophenol[2-]	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Dichlorobenzene[1,3-]	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Dichlorobenzene[1,4-]	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Dichlorobenzene[1,2-]	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Methylphenol[2-]	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Methylphenol[4-]	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Nitroso-di-n-propylamine[N-]	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Hexachloroethane	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Nitrobenzene	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Isophorone	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Nitrophenol[2-]	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Dimethylphenol[2,4-]	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Benzoic acid	3.6	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Bis(2-chloroethoxy)methane	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Dichlorophenol[2,4-]	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Trichlorobenzene[1,2,4-]	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Naphthalene	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Chloroaniline[4-]	1.4	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Hexachlorobutadiene	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Chloro-3-methylphenol[4-]	0.73	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Methylnaphthalene[2-]	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Hexachlorocyclopentadiene	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Trichlorophenol[2,4,6-]	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Trichlorophenol[2,4,5-]	1.8	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-10509	MD21-98-0041	0.0–0.5	ALLH	Chloronaphthalene[2-]	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Nitroaniline[2-]	1.8	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Dimethyl phthalate	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Acenaphthylene	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Nitroaniline[3-]	1.8	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Acenaphthene	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Dinitrophenol[2,4-]	1.8	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Nitrophenol[4-]	1.8	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Dibenzofuran	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Dinitrotoluene[2,4-]	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Dinitrotoluene[2,6-]	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Diethylphthalate	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Chlorophenyl-phenyl[4-] ether	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Fluorene	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Nitroaniline[4-]	0.73	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Dinitro-2-methylphenol[4,6-]	1.8	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Nitrosodiphenylamine[N-]	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Azobenzene	0.73	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Bromophenyl-phenylether[4-]	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Hexachlorobenzene	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Pentachlorophenol	1.8	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Phenanthrene	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Anthracene	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Di-n-butylphthalate	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Nitrosodimethylamine[N-]	0.36	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Aluminum	14000	mg/kg	None
21-10509	MD21-98-0041	0.0–0.5	ALLH	Arsenic	4.6	mg/kg	None
21-10509	MD21-98-0041	0.0–0.5	ALLH	Barium	150	mg/kg	None
21-10509	MD21-98-0041	0.0–0.5	ALLH	Beryllium	0.88	mg/kg	None
21-10509	MD21-98-0041	0.0–0.5	ALLH	Cadmium	0.55	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Calcium	6700	mg/kg	None
21-10509	MD21-98-0041	0.0–0.5	ALLH	Chromium	10	mg/kg	None
21-10509	MD21-98-0041	0.0–0.5	ALLH	Cobalt	5.1	mg/kg	None
21-10509	MD21-98-0041	0.0–0.5	ALLH	Copper	11	mg/kg	None
21-10509	MD21-98-0041	0.0–0.5	ALLH	Iron	12000	mg/kg	None
21-10509	MD21-98-0041	0.0–0.5	ALLH	Lead	20	mg/kg	None
21-10509	MD21-98-0041	0.0–0.5	ALLH	Magnesium	2500	mg/kg	None
21-10509	MD21-98-0041	0.0–0.5	ALLH	Manganese	440	mg/kg	J-
21-10509	MD21-98-0041	0.0–0.5	ALLH	Nickel	7.5	mg/kg	None
21-10509	MD21-98-0041	0.0–0.5	ALLH	Potassium	2700	mg/kg	None
21-10509	MD21-98-0041	0.0–0.5	ALLH	Selenium	1.1	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Silver	2.2	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Sodium	87	mg/kg	None
21-10509	MD21-98-0041	0.0–0.5	ALLH	Thallium	2.2	mg/kg	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Vanadium	21	mg/kg	None
21-10509	MD21-98-0041	0.0–0.5	ALLH	Zinc	67	mg/kg	None
21-10509	MD21-98-0041	0.0–0.5	ALLH	Mercury	0.14	mg/kg	None
21-10509	MD21-98-0041	0.0–0.5	ALLH	Ruthenium-106	0.57	pCi/g	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Americium-241	0.4	pCi/g	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Cobalt-60	0.007	pCi/g	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Cesium-134	-0.003	pCi/g	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-10509	MD21-98-0041	0.0–0.5	ALLH	Cesium-137	0.96	pCi/g	None
21-10509	MD21-98-0041	0.0–0.5	ALLH	Europium-152	-0.32	pCi/g	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Sodium-22	-0.05	pCi/g	U
21-10509	MD21-98-0041	0.0–0.5	ALLH	Tritium	0.23	pCi/g	None
21-10509	MD21-98-0041	0.0–0.5	ALLH	Thorium-228	1.41	pCi/g	None
21-10509	MD21-98-0041	0.0–0.5	ALLH	Thorium-230	1.099	pCi/g	None
21-10509	MD21-98-0041	0.0–0.5	ALLH	Thorium-232	1.45	pCi/g	None
21-10509	MD21-98-0041	0.0–0.5	ALLH	Uranium-234	1.267	pCi/g	None
21-10509	MD21-98-0041	0.0–0.5	ALLH	Uranium-235	0.071	pCi/g	None
21-10509	MD21-98-0041	0.0–0.5	ALLH	Uranium-238	1.058	pCi/g	None
21-10508	MD21-98-0042	0.0–0.5	ALLH	BHC[alpha-]	0.0018	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	BHC[beta-]	0.0018	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	BHC[delta-]	0.0018	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	BHC[gamma-]	0.0018	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Heptachlor	0.0018	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Aldrin	0.0018	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Heptachlor epoxide	0.0018	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Endosulfan I	0.0018	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Dieldrin	0.0036	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	DDE[4,4'-]	0.0036	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Endrin	0.0036	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Endosulfan II	0.0036	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	DDD[4,4'-]	0.0036	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Endosulfan sulfate	0.0036	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	DDT[4,4'-]	0.0036	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Methoxychlor[4,4'-]	0.018	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Endrin ketone	0.0036	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Endrin aldehyde	0.00036	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Chlordane[alpha-]	0.0018	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Chlordane[gamma-]	0.0018	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Toxaphene (technical grade)	0.18	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Aroclor-1016	0.036	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Aroclor-1221	0.072	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Aroclor-1232	0.036	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Aroclor-1242	0.036	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Aroclor-1248	0.036	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Aroclor-1254	0.091	mg/kg	None
21-10508	MD21-98-0042	0.0–0.5	ALLH	Aroclor-1260	0.036	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Dimethyl phthalate	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Acenaphthylene	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Nitroaniline[3-]	1.7	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Acenaphthene	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Dinitrophenol[2,4-]	1.7	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Nitrophenol[4-]	1.7	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Dibenzofuran	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Dinitrotoluene[2,4-]	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Dinitrotoluene[2,6-]	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Diethylphthalate	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Chlorophenyl-phenyl[4-] ether	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Fluorene	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Nitroaniline[4-]	0.72	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-10508	MD21-98-0042	0.0–0.5	ALLH	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Nitrosodiphenylamine[N-]	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Azobenzene	0.72	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Bromophenyl-phenylether[4-]	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Hexachlorobenzene	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Pentachlorophenol	1.7	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Phenanthrene	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Anthracene	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Di-n-butylphthalate	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Fluoranthene	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Pyrene	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Butylbenzylphthalate	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Dichlorobenzidine[3,3'-]	0.72	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Benzo(a)anthracene	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Bis(2-ethylhexyl)phthalate	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Chrysene	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Di-n-octylphthalate	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Benzo(b)fluoranthene	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Benzo(k)fluoranthene	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Benzo(a)pyrene	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Indeno(1,2,3-cd)pyrene	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Dibenz(a,h)anthracene	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Benzo(g,h,i)perylene	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Benzyl alcohol	1.4	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Nitrosodimethylamine[N-]	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Aniline	0.72	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Phenol	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Bis(2-chloroethyl)ether	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Chlorophenol[2-]	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Dichlorobenzene[1,3-]	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Dichlorobenzene[1,4-]	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Dichlorobenzene[1,2-]	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Methylphenol[2-]	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Methylphenol[4-]	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Nitroso-di-n-propylamine[N-]	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Hexachloroethane	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Nitrobenzene	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Isophorone	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Nitrophenol[2-]	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Dimethylphenol[2,4-]	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Benzoic acid	3.6	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Bis(2-chloroethoxy)methane	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Dichlorophenol[2,4-]	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Trichlorobenzene[1,2,4-]	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Naphthalene	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Chloroaniline[4-]	1.4	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Hexachlorobutadiene	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Chloro-3-methylphenol[4-]	0.72	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Methylnaphthalene[2-]	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Hexachlorocyclopentadiene	0.36	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-10508	MD21-98-0042	0.0–0.5	ALLH	Trichlorophenol[2,4,6-]	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Trichlorophenol[2,4,5-]	1.7	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Chloronaphthalene[2-]	0.36	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Nitroaniline[2-]	1.7	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Selenium	1.1	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Silver	2.2	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Sodium	92	mg/kg	None
21-10508	MD21-98-0042	0.0–0.5	ALLH	Thallium	2.2	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Vanadium	33	mg/kg	None
21-10508	MD21-98-0042	0.0–0.5	ALLH	Zinc	93	mg/kg	None
21-10508	MD21-98-0042	0.0–0.5	ALLH	Aluminum	15000	mg/kg	None
21-10508	MD21-98-0042	0.0–0.5	ALLH	Arsenic	8.3	mg/kg	None
21-10508	MD21-98-0042	0.0–0.5	ALLH	Barium	190	mg/kg	None
21-10508	MD21-98-0042	0.0–0.5	ALLH	Beryllium	0.89	mg/kg	None
21-10508	MD21-98-0042	0.0–0.5	ALLH	Cadmium	0.54	mg/kg	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Calcium	3500	mg/kg	None
21-10508	MD21-98-0042	0.0–0.5	ALLH	Chromium	14	mg/kg	None
21-10508	MD21-98-0042	0.0–0.5	ALLH	Cobalt	6.5	mg/kg	None
21-10508	MD21-98-0042	0.0–0.5	ALLH	Copper	10	mg/kg	None
21-10508	MD21-98-0042	0.0–0.5	ALLH	Iron	13000	mg/kg	None
21-10508	MD21-98-0042	0.0–0.5	ALLH	Lead	19	mg/kg	None
21-10508	MD21-98-0042	0.0–0.5	ALLH	Magnesium	2200	mg/kg	None
21-10508	MD21-98-0042	0.0–0.5	ALLH	Manganese	370	mg/kg	J-
21-10508	MD21-98-0042	0.0–0.5	ALLH	Nickel	7.7	mg/kg	None
21-10508	MD21-98-0042	0.0–0.5	ALLH	Potassium	2000	mg/kg	None
21-10508	MD21-98-0042	0.0–0.5	ALLH	Mercury	1.7	mg/kg	None
21-10508	MD21-98-0042	0.0–0.5	ALLH	Cobalt-60	0.012	pCi/g	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Cesium-134	0.011	pCi/g	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Cesium-137	0.214	pCi/g	None
21-10508	MD21-98-0042	0.0–0.5	ALLH	Europium-152	-0.05	pCi/g	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Sodium-22	-0.003	pCi/g	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Ruthenium-106	0.27	pCi/g	U
21-10508	MD21-98-0042	0.0–0.5	ALLH	Tritium	0.37	pCi/g	None
21-10508	MD21-98-0042	0.0–0.5	ALLH	Thorium-228	1.69	pCi/g	None
21-10508	MD21-98-0042	0.0–0.5	ALLH	Thorium-230	1.39	pCi/g	None
21-10508	MD21-98-0042	0.0–0.5	ALLH	Thorium-232	1.44	pCi/g	None
21-10508	MD21-98-0042	0.0–0.5	ALLH	Uranium-234	3.32	pCi/g	None
21-10508	MD21-98-0042	0.0–0.5	ALLH	Uranium-235	0.166	pCi/g	None
21-10508	MD21-98-0042	0.0–0.5	ALLH	Uranium-238	1.9	pCi/g	None
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Dieldrin	0.0035	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	DDE[4,4'-]	0.0035	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Endrin	0.0035	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Endosulfan II	0.0035	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	DDD[4,4'-]	0.0035	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Endosulfan sulfate	0.0035	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	DDT[4,4'-]	0.0035	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Methoxychlor[4,4'-]	0.018	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Endrin ketone	0.0035	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Endrin aldehyde	0.00035	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Chlordane[alpha-]	0.0018	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Chlordane[gamma-]	0.0018	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Toxaphene (technical grade)	0.18	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Aroclor-1016	0.035	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Aroclor-1221	0.071	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Aroclor-1232	0.035	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Aroclor-1242	0.035	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Aroclor-1248	0.035	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Aroclor-1254	0.035	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Aroclor-1260	0.035	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	BHC[alpha-]	0.0018	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	BHC[beta-]	0.0018	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	BHC[delta-]	0.0018	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	BHC[gamma-]	0.0018	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Heptachlor	0.0018	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Aldrin	0.0018	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Heptachlor epoxide	0.0018	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Endosulfan I	0.0018	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Di-n-octylphthalate	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Benzo(b)fluoranthene	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Benzo(k)fluoranthene	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Benzo(a)pyrene	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Dibenz(a,h)anthracene	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Benzo(g,h,i)perylene	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Benzyl alcohol	1.4	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Methylphenol[2-]	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Methylphenol[4-]	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Hexachloroethane	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Nitrobenzene	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Isophorone	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Nitrophenol[2-]	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Dimethylphenol[2,4-]	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Benzoic acid	3.5	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Bis(2-chloroethoxy)methane	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Dichlorophenol[2,4-]	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Trichlorobenzene[1,2,4-]	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Naphthalene	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Chloroaniline[4-]	1.4	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Hexachlorobutadiene	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Chloro-3-methylphenol[4-]	0.71	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Methylnaphthalene[2-]	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Hexachlorocyclopentadiene	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Trichlorophenol[2,4,6-]	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Trichlorophenol[2,4,5-]	1.7	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Chloronaphthalene[2-]	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Nitroaniline[2-]	1.7	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Dimethyl phthalate	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Acenaphthylene	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Nitroaniline[3-]	1.7	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Acenaphthene	0.35	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Dinitrophenol[2,4-]	1.7	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Nitrophenol[4-]	1.7	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Dibenzofuran	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Dinitrotoluene[2,4-]	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Dinitrotoluene[2,6-]	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Diethylphthalate	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Chlorophenyl-phenyl[4-] ether	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Fluorene	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Nitroaniline[4-]	0.71	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Nitrosodiphenylamine[N-]	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Azobenzene	0.71	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Bromophenyl-phenylether[4-]	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Hexachlorobenzene	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Pentachlorophenol	1.7	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Phenanthrene	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Anthracene	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Di-n-butylphthalate	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Fluoranthene	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Pyrene	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Butylbenzylphthalate	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Dichlorobenzidine[3,3'-]	0.71	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Benzo(a)anthracene	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Bis(2-ethylhexyl)phthalate	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Chrysene	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Nitrosodimethylamine[N-]	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Aniline	0.71	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Phenol	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Bis(2-chloroethyl)ether	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Chlorophenol[2-]	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Dichlorobenzene[1,3-]	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Dichlorobenzene[1,4-]	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Dichlorobenzene[1,2-]	0.35	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Aluminum	15000	mg/kg	None
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Arsenic	5.6	mg/kg	None
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Barium	62	mg/kg	None
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Beryllium	0.87	mg/kg	None
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Cadmium	0.54	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Calcium	1600	mg/kg	None
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Chromium	8.5	mg/kg	None
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Cobalt	2.9	mg/kg	None
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Copper	6.5	mg/kg	None
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Iron	11000	mg/kg	None
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Lead	8.8	mg/kg	None
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Magnesium	1700	mg/kg	None
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Manganese	130	mg/kg	J-
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Nickel	4.7	mg/kg	None
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Potassium	1300	mg/kg	None
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Selenium	1.1	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Silver	2.2	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Sodium	91	mg/kg	None

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Thallium	2.2	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Vanadium	19	mg/kg	None
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Zinc	150	mg/kg	None
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Mercury	0.11	mg/kg	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Americium-241	0.19	pCi/g	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Cobalt-60	0.06	pCi/g	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Cesium-137	0.014	pCi/g	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Europium-152	0	pCi/g	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Sodium-22	-0.02	pCi/g	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Ruthenium-106	-0.18	pCi/g	U
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Tritium	0.23	pCi/g	None
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Thorium-228	1.75	pCi/g	None
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Thorium-230	1.085	pCi/g	None
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Thorium-232	1.48	pCi/g	None
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Uranium-234	0.961	pCi/g	None
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Uranium-235	0.051	pCi/g	None
21-10507	MD21-98-0043	0.0–0.5	Qbt3	Uranium-238	0.866	pCi/g	None
21-10506	MD21-98-0044	0.0–0.5	Qbt3	BHC[alpha-]	0.0017	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	BHC[beta-]	0.0017	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	BHC[delta-]	0.0017	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	BHC[gamma-]	0.0017	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Heptachlor	0.0017	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Aldrin	0.0017	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Heptachlor epoxide	0.0017	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Endosulfan I	0.0017	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Dieldrin	0.0034	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	DDE[4,4'-]	0.0034	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Endrin	0.0034	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Endosulfan II	0.0034	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	DDD[4,4'-]	0.0034	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Endosulfan sulfate	0.0034	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	DDT[4,4'-]	0.0034	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Methoxychlor[4,4'-]	0.017	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Endrin ketone	0.0034	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Endrin aldehyde	0.00034	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Chlordane[alpha-]	0.0017	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Chlordane[gamma-]	0.0017	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Toxaphene (technical grade)	0.17	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Aroclor-1016	0.034	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Aroclor-1221	0.068	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Aroclor-1232	0.034	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Aroclor-1242	0.034	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Aroclor-1248	0.034	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Aroclor-1254	0.034	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Aroclor-1260	0.034	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Dinitrotoluene[2,4-]	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Dinitrotoluene[2,6-]	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Diethylphthalate	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Chlorophenyl-phenyl[4-] ether	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Fluorene	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Nitroaniline[4-]	0.68	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Nitrosodiphenylamine[N-]	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Azobenzene	0.68	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Bromophenyl-phenylether[4-]	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Hexachlorobenzene	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Pentachlorophenol	1.7	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Phenanthrene	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Anthracene	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Di-n-butylphthalate	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Fluoranthene	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Pyrene	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Butylbenzylphthalate	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Dichlorobenzidine[3,3'-]	0.68	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Benzo(a)anthracene	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Bis(2-ethylhexyl)phthalate	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Chrysene	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Di-n-octylphthalate	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Benzo(b)fluoranthene	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Benzo(k)fluoranthene	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Benzo(a)pyrene	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Indeno(1,2,3-cd)pyrene	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Dibenz(a,h)anthracene	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Benzo(g,h,i)perylene	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Benzyl alcohol	1.3	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Oxybis(1-chloropropane)[2,2'-]	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Nitrosodimethylamine[N-]	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Aniline	0.68	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Phenol	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Bis(2-chloroethyl)ether	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Chlorophenol[2-]	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Dichlorobenzene[1,3-]	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Dichlorobenzene[1,4-]	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Dichlorobenzene[1,2-]	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Methylphenol[2-]	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Methylphenol[4-]	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Nitroso-di-n-propylamine[N-]	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Hexachloroethane	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Nitrobenzene	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Isophorone	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Nitrophenol[2-]	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Dimethylphenol[2,4-]	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Benzoic acid	3.4	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Bis(2-chloroethoxy)methane	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Dichlorophenol[2,4-]	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Trichlorobenzene[1,2,4-]	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Naphthalene	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Chloroaniline[4-]	1.3	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Hexachlorobutadiene	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Chloro-3-methylphenol[4-]	0.68	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Methylnaphthalene[2-]	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Hexachlorocyclopentadiene	0.34	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Trichlorophenol[2,4,6-]	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Trichlorophenol[2,4,5-]	1.7	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Chloronaphthalene[2-]	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Nitroaniline[2-]	1.7	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Dimethyl phthalate	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Acenaphthylene	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Nitroaniline[3-]	1.7	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Acenaphthene	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Dinitrophenol[2,4-]	1.7	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Nitrophenol[4-]	1.7	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Dibenzofuran	0.34	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Aluminum	2000	mg/kg	None
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Arsenic	2.7	mg/kg	None
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Barium	14	mg/kg	None
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Beryllium	0.52	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Cadmium	0.52	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Calcium	560	mg/kg	None
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Chromium	1.6	mg/kg	None
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Cobalt	1	mg/kg	None
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Copper	1.1	mg/kg	None
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Iron	3800	mg/kg	None
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Lead	4.2	mg/kg	None
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Magnesium	320	mg/kg	None
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Manganese	160	mg/kg	J-
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Nickel	2.1	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Potassium	280	mg/kg	None
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Selenium	1	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Silver	2.1	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Sodium	66	mg/kg	None
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Thallium	2.1	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Vanadium	3.3	mg/kg	None
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Zinc	18	mg/kg	None
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Mercury	0.1	mg/kg	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Americium-241	0.09	pCi/g	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Cobalt-60	0.03	pCi/g	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Cesium-134	-0.002	pCi/g	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Cesium-137	-0.03	pCi/g	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Europium-152	0.02	pCi/g	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Sodium-22	0.02	pCi/g	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Ruthenium-106	0.32	pCi/g	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Tritium	0.07	pCi/g	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Thorium-230	0.0764	pCi/g	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Thorium-232	1.325	pCi/g	None
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Thorium-228	1.247	pCi/g	None
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Uranium-234	0.662	pCi/g	None
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Uranium-235	0.0258	pCi/g	U
21-10506	MD21-98-0044	0.0–0.5	Qbt3	Uranium-238	0.608	pCi/g	None
21-10504	MD21-98-0045	0.0–0.5	Qbt3	BHC[alpha-]	0.0018	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	BHC[beta-]	0.0018	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	BHC[delta-]	0.0018	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	BHC[gamma-]	0.0018	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Heptachlor	0.0018	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Aldrin	0.0018	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Heptachlor epoxide	0.0018	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Endosulfan I	0.0018	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Dieldrin	0.0036	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	DDE[4,4'-]	0.0036	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Endrin	0.0036	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Endosulfan II	0.0036	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	DDD[4,4'-]	0.0036	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Endosulfan sulfate	0.0036	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	DDT[4,4'-]	0.0036	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Methoxychlor[4,4'-]	0.018	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Endrin ketone	0.0036	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Endrin aldehyde	0.00036	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Chlordane[alpha-]	0.0018	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Chlordane[gamma-]	0.0018	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Toxaphene (technical grade)	0.18	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Aroclor-1016	0.036	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Aroclor-1221	0.073	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Aroclor-1232	0.036	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Aroclor-1242	0.036	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Aroclor-1248	0.036	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Aroclor-1254	0.036	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Aroclor-1260	0.036	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Benzyl alcohol	1.4	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Oxybis(1-chloropropane)[2,2'-]	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Dimethylphenol[2,4-]	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Benzoic acid	3.6	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Bis(2-chloroethoxy)methane	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Dichlorophenol[2,4-]	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Trichlorobenzene[1,2,4-]	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Naphthalene	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Chloroaniline[4-]	1.4	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Hexachlorobutadiene	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Chloro-3-methylphenol[4-]	0.73	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Methylnaphthalene[2-]	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Hexachlorocyclopentadiene	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Trichlorophenol[2,4,6-]	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Trichlorophenol[2,4,5-]	1.8	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Chloronaphthalene[2-]	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Nitroaniline[2-]	1.8	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Dimethyl phthalate	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Acenaphthylene	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Nitroaniline[3-]	1.8	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Acenaphthene	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Dinitrophenol[2,4-]	1.8	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Nitrophenol[4-]	1.8	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Dibenzofuran	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Dinitrotoluene[2,4-]	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Dinitrotoluene[2,6-]	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Diethylphthalate	0.36	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Chlorophenyl-phenyl[4-] ether	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Fluorene	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Nitroaniline[4-]	0.73	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Dinitro-2-methylphenol[4,6-]	1.8	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Nitrosodiphenylamine[N-]	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Azobenzene	0.73	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Bromophenyl-phenylether[4-]	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Hexachlorobenzene	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Pentachlorophenol	1.8	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Phenanthrene	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Anthracene	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Di-n-butylphthalate	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Fluoranthene	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Pyrene	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Butylbenzylphthalate	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Dichlorobenzidine[3,3'-]	0.73	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Benzo(a)anthracene	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Bis(2-ethylhexyl)phthalate	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Chrysene	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Di-n-octylphthalate	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Benzo(b)fluoranthene	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Benzo(k)fluoranthene	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Benzo(a)pyrene	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Indeno(1,2,3-cd)pyrene	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Dibenz(a,h)anthracene	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Benzo(g,h,i)perylene	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Nitrosodimethylamine[N-]	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Aniline	0.73	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Phenol	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Bis(2-chloroethyl)ether	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Chlorophenol[2-]	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Dichlorobenzene[1,3-]	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Dichlorobenzene[1,4-]	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Dichlorobenzene[1,2-]	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Methylphenol[2-]	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Methylphenol[4-]	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Nitroso-di-n-propylamine[N-]	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Hexachloroethane	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Nitrobenzene	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Isophorone	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Nitrophenol[2-]	0.36	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Calcium	1600	mg/kg	None
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Chromium	8.1	mg/kg	None
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Cobalt	3.3	mg/kg	None
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Copper	5.3	mg/kg	None
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Iron	11000	mg/kg	None
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Lead	8.3	mg/kg	None
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Magnesium	1700	mg/kg	None
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Manganese	130	mg/kg	J-
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Nickel	4.6	mg/kg	None
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Potassium	1300	mg/kg	None

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Selenium	1.1	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Silver	2.2	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Sodium	80	mg/kg	None
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Thallium	2.2	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Vanadium	20	mg/kg	None
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Zinc	77	mg/kg	None
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Aluminum	14000	mg/kg	None
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Arsenic	5.6	mg/kg	None
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Barium	54	mg/kg	None
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Beryllium	0.72	mg/kg	None
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Cadmium	0.55	mg/kg	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Mercury	0.13	mg/kg	None
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Cesium-134	0.023	pCi/g	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Cesium-137	0.039	pCi/g	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Europium-152	-0.05	pCi/g	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Sodium-22	-0.014	pCi/g	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Ruthenium-106	0.39	pCi/g	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Americium-241	-0.25	pCi/g	U
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Tritium	0.53	pCi/g	None
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Thorium-228	1.54	pCi/g	None
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Thorium-230	0.951	pCi/g	None
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Thorium-232	1.47	pCi/g	None
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Uranium-234	0.8	pCi/g	None
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Uranium-235	0.0315	pCi/g	None
21-10504	MD21-98-0045	0.0–0.5	Qbt3	Uranium-238	0.69	pCi/g	None
21-10505	MD21-98-0046	0.0–0.5	ALLH	Toxaphene (technical grade)	0.18	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Aroclor-1016	0.037	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Aroclor-1221	0.073	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Aroclor-1232	0.037	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Aroclor-1242	0.037	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Aroclor-1248	0.037	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Aroclor-1254	0.037	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Aroclor-1260	0.037	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	BHC[alpha-]	0.0018	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	BHC[beta-]	0.0018	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	BHC[delta-]	0.0018	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	BHC[gamma-]	0.0018	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Heptachlor	0.0018	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Aldrin	0.0018	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Heptachlor epoxide	0.0018	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Endosulfan I	0.0018	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Dieldrin	0.0037	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	DDE[4,4'-]	0.0037	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Endrin	0.0037	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Endosulfan II	0.0037	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	DDD[4,4'-]	0.0037	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Endosulfan sulfate	0.0037	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	DDT[4,4'-]	0.0037	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Methoxychlor[4,4'-]	0.018	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Endrin ketone	0.0037	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Endrin aldehyde	0.00037	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-10505	MD21-98-0046	0.0–0.5	ALLH	Chlordane[alpha-]	0.0018	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Chlordane[gamma-]	0.0018	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Nitrosodiphenylamine[N-]	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Azobenzene	0.73	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Bromophenyl-phenylether[4-]	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Hexachlorobenzene	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Pentachlorophenol	1.8	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Phenanthrene	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Anthracene	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Di-n-butylphthalate	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Fluoranthene	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Pyrene	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Butylbenzylphthalate	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Dichlorobenzidine[3,3'-]	0.73	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Benzo(a)anthracene	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Bis(2-ethylhexyl)phthalate	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Chrysene	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Di-n-octylphthalate	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Benzo(b)fluoranthene	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Benzo(k)fluoranthene	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Benzo(a)pyrene	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Indeno(1,2,3-cd)pyrene	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Dibenz(a,h)anthracene	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Benzo(g,h,i)perylene	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Benzyl alcohol	1.4	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Nitrosodimethylamine[N-]	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Aniline	0.73	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Phenol	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Bis(2-chloroethyl)ether	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Chlorophenol[2-]	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Dichlorobenzene[1,3-]	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Dichlorobenzene[1,4-]	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Dichlorobenzene[1,2-]	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Methylphenol[2-]	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Methylphenol[4-]	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Nitroso-di-n-propylamine[N-]	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Hexachloroethane	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Nitrobenzene	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Isophorone	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Nitrophenol[2-]	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Dimethylphenol[2,4-]	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Benzoic acid	3.7	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Bis(2-chloroethoxy)methane	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Dichlorophenol[2,4-]	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Trichlorobenzene[1,2,4-]	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Naphthalene	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Chloroaniline[4-]	1.4	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Hexachlorobutadiene	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Chloro-3-methylphenol[4-]	0.73	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Methylnaphthalene[2-]	0.37	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-10505	MD21-98-0046	0.0–0.5	ALLH	Hexachlorocyclopentadiene	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Trichlorophenol[2,4,6-]	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Trichlorophenol[2,4,5-]	1.8	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Chloronaphthalene[2-]	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Nitroaniline[2-]	1.8	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Dimethyl phthalate	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Acenaphthylene	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Nitroaniline[3-]	1.8	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Acenaphthene	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Dinitrophenol[2,4-]	1.8	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Nitrophenol[4-]	1.8	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Dibenzofuran	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Dinitrotoluene[2,4-]	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Dinitrotoluene[2,6-]	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Diethylphthalate	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Chlorophenyl-phenyl[4-] ether	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Fluorene	0.37	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Nitroaniline[4-]	0.73	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Dinitro-2-methylphenol[4,6-]	1.8	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Aluminum	17000	mg/kg	None
21-10505	MD21-98-0046	0.0–0.5	ALLH	Arsenic	5.1	mg/kg	None
21-10505	MD21-98-0046	0.0–0.5	ALLH	Barium	150	mg/kg	None
21-10505	MD21-98-0046	0.0–0.5	ALLH	Beryllium	0.96	mg/kg	None
21-10505	MD21-98-0046	0.0–0.5	ALLH	Cadmium	0.56	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Calcium	3200	mg/kg	None
21-10505	MD21-98-0046	0.0–0.5	ALLH	Chromium	12	mg/kg	None
21-10505	MD21-98-0046	0.0–0.5	ALLH	Cobalt	6.8	mg/kg	None
21-10505	MD21-98-0046	0.0–0.5	ALLH	Copper	10	mg/kg	None
21-10505	MD21-98-0046	0.0–0.5	ALLH	Iron	14000	mg/kg	None
21-10505	MD21-98-0046	0.0–0.5	ALLH	Lead	21	mg/kg	None
21-10505	MD21-98-0046	0.0–0.5	ALLH	Magnesium	2500	mg/kg	None
21-10505	MD21-98-0046	0.0–0.5	ALLH	Manganese	430	mg/kg	J-
21-10505	MD21-98-0046	0.0–0.5	ALLH	Nickel	8	mg/kg	None
21-10505	MD21-98-0046	0.0–0.5	ALLH	Potassium	2500	mg/kg	None
21-10505	MD21-98-0046	0.0–0.5	ALLH	Selenium	1.1	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Silver	2.2	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Sodium	81	mg/kg	None
21-10505	MD21-98-0046	0.0–0.5	ALLH	Thallium	2.2	mg/kg	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Vanadium	24	mg/kg	None
21-10505	MD21-98-0046	0.0–0.5	ALLH	Zinc	60	mg/kg	None
21-10505	MD21-98-0046	0.0–0.5	ALLH	Mercury	0.16	mg/kg	None
21-10505	MD21-98-0046	0.0–0.5	ALLH	Cobalt-60	0.035	pCi/g	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Cesium-134	-0.056	pCi/g	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Cesium-137	1.03	pCi/g	None
21-10505	MD21-98-0046	0.0–0.5	ALLH	Europium-152	-0.04	pCi/g	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Sodium-22	0.014	pCi/g	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Ruthenium-106	0.02	pCi/g	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Americium-241	0.13	pCi/g	U
21-10505	MD21-98-0046	0.0–0.5	ALLH	Tritium	0.25	pCi/g	None
21-10505	MD21-98-0046	0.0–0.5	ALLH	Thorium-228	1.67	pCi/g	None
21-10505	MD21-98-0046	0.0–0.5	ALLH	Thorium-230	1.4	pCi/g	None

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-10505	MD21-98-0046	0.0–0.5	ALLH	Thorium-232	1.64	pCi/g	None
21-10505	MD21-98-0046	0.0–0.5	ALLH	Uranium-234	1.62	pCi/g	None
21-10505	MD21-98-0046	0.0–0.5	ALLH	Uranium-235	0.086	pCi/g	None
21-10505	MD21-98-0046	0.0–0.5	ALLH	Uranium-238	1.51	pCi/g	None
21-10503	MD21-98-0047	0.0–0.5	ALLH	BHC[alpha-]	0.0019	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	BHC[beta-]	0.0019	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	BHC[delta-]	0.0019	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	BHC[gamma-]	0.0019	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Heptachlor	0.0019	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Aldrin	0.0019	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Heptachlor epoxide	0.0019	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Endosulfan I	0.0019	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Dieldrin	0.0038	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	DDE[4,4'-]	0.0038	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Endrin	0.0038	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Endosulfan II	0.0038	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	DDD[4,4'-]	0.0038	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Endosulfan sulfate	0.0038	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	DDT[4,4'-]	0.0038	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Methoxychlor[4,4'-]	0.019	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Endrin ketone	0.0038	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Endrin aldehyde	0.00038	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Chlordane[alpha-]	0.0019	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Chlordane[gamma-]	0.0019	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Toxaphene (technical grade)	0.19	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Aroclor-1016	0.038	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Aroclor-1221	0.075	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Aroclor-1232	0.038	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Aroclor-1242	0.038	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Aroclor-1248	0.038	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Aroclor-1254	0.038	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Aroclor-1260	0.038	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Hexachlorobutadiene	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Chloro-3-methylphenol[4-]	0.75	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Methylnaphthalene[2-]	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Hexachlorocyclopentadiene	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Trichlorophenol[2,4,6-]	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Trichlorophenol[2,4,5-]	1.8	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Chloronaphthalene[2-]	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Nitroaniline[2-]	1.8	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Dimethyl phthalate	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Acenaphthylene	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Nitroaniline[3-]	1.8	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Acenaphthene	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Dinitrophenol[2,4-]	1.8	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Nitrophenol[4-]	1.8	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Dibenzofuran	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Dinitrotoluene[2,4-]	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Dinitrotoluene[2,6-]	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Diethylphthalate	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Chlorophenyl-phenyl[4-] ether	0.38	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-10503	MD21-98-0047	0.0–0.5	ALLH	Fluorene	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Nitroaniline[4-]	0.75	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Dinitro-2-methylphenol[4,6-]	1.8	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Nitrosodiphenylamine[N-]	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Azobenzene	0.75	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Bromophenyl-phenylether[4-]	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Hexachlorobenzene	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Pentachlorophenol	1.8	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Phenanthrene	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Anthracene	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Di-n-butylphthalate	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Fluoranthene	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Pyrene	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Butylbenzylphthalate	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Dichlorobenzidine[3,3'-]	0.75	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Benzo(a)anthracene	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Bis(2-ethylhexyl)phthalate	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Chrysene	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Di-n-octylphthalate	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Benzo(b)fluoranthene	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Benzo(k)fluoranthene	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Benzo(a)pyrene	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Indeno(1,2,3-cd)pyrene	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Dibenz(a,h)anthracene	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Benzo(g,h,i)perylene	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Benzyl alcohol	1.5	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Nitrosodimethylamine[N-]	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Aniline	0.75	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Phenol	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Bis(2-chloroethyl)ether	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Chlorophenol[2-]	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Dichlorobenzene[1,3-]	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Dichlorobenzene[1,4-]	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Dichlorobenzene[1,2-]	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Methylphenol[2-]	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Methylphenol[4-]	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Nitroso-di-n-propylamine[N-]	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Hexachloroethane	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Nitrobenzene	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Isophorone	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Nitrophenol[2-]	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Dimethylphenol[2,4-]	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Benzoic acid	3.8	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Bis(2-chloroethoxy)methane	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Dichlorophenol[2,4-]	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Trichlorobenzene[1,2,4-]	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Naphthalene	0.38	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Chloroaniline[4-]	1.5	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Sodium	440	mg/kg	None
21-10503	MD21-98-0047	0.0–0.5	ALLH	Thallium	2.3	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-10503	MD21-98-0047	0.0–0.5	ALLH	Vanadium	29	mg/kg	None
21-10503	MD21-98-0047	0.0–0.5	ALLH	Zinc	53	mg/kg	None
21-10503	MD21-98-0047	0.0–0.5	ALLH	Aluminum	28000	mg/kg	None
21-10503	MD21-98-0047	0.0–0.5	ALLH	Arsenic	6.5	mg/kg	None
21-10503	MD21-98-0047	0.0–0.5	ALLH	Barium	110	mg/kg	None
21-10503	MD21-98-0047	0.0–0.5	ALLH	Beryllium	1.8	mg/kg	None
21-10503	MD21-98-0047	0.0–0.5	ALLH	Cadmium	0.57	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Calcium	3500	mg/kg	None
21-10503	MD21-98-0047	0.0–0.5	ALLH	Chromium	16	mg/kg	None
21-10503	MD21-98-0047	0.0–0.5	ALLH	Cobalt	5.9	mg/kg	None
21-10503	MD21-98-0047	0.0–0.5	ALLH	Copper	8.8	mg/kg	None
21-10503	MD21-98-0047	0.0–0.5	ALLH	Iron	19000	mg/kg	None
21-10503	MD21-98-0047	0.0–0.5	ALLH	Lead	13	mg/kg	None
21-10503	MD21-98-0047	0.0–0.5	ALLH	Magnesium	3700	mg/kg	None
21-10503	MD21-98-0047	0.0–0.5	ALLH	Manganese	180	mg/kg	J-
21-10503	MD21-98-0047	0.0–0.5	ALLH	Nickel	9.9	mg/kg	None
21-10503	MD21-98-0047	0.0–0.5	ALLH	Potassium	3100	mg/kg	None
21-10503	MD21-98-0047	0.0–0.5	ALLH	Selenium	1.1	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Silver	2.3	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Mercury	0.11	mg/kg	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Cesium-134	0.013	pCi/g	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Cesium-137	-0.017	pCi/g	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Europium-152	0.09	pCi/g	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Sodium-22	0.011	pCi/g	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Ruthenium-106	-0.51	pCi/g	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Americium-241	0.01	pCi/g	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Cobalt-60	-0.035	pCi/g	U
21-10503	MD21-98-0047	0.0–0.5	ALLH	Tritium	1.03	pCi/g	None
21-10503	MD21-98-0047	0.0–0.5	ALLH	Thorium-228	1.83	pCi/g	None
21-10503	MD21-98-0047	0.0–0.5	ALLH	Thorium-230	1.239	pCi/g	None
21-10503	MD21-98-0047	0.0–0.5	ALLH	Thorium-232	1.9	pCi/g	None
21-10503	MD21-98-0047	0.0–0.5	ALLH	Uranium-234	0.917	pCi/g	None
21-10503	MD21-98-0047	0.0–0.5	ALLH	Uranium-235	0.073	pCi/g	None
21-10503	MD21-98-0047	0.0–0.5	ALLH	Uranium-238	0.901	pCi/g	None
21-10502	MD21-98-0048	0.0–0.5	ALLH	Endosulfan II	0.0036	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	DDD[4,4'-]	0.0036	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Endosulfan sulfate	0.0036	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	DDT[4,4'-]	0.0036	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Methoxychlor[4,4'-]	0.018	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Endrin ketone	0.0036	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Endrin aldehyde	0.00036	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Chlordane[alpha-]	0.0018	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Chlordane[gamma-]	0.0018	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Toxaphene (technical grade)	0.18	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Aroclor-1016	0.036	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Aroclor-1221	0.072	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Aroclor-1232	0.036	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Aroclor-1242	0.036	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Aroclor-1248	0.036	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Aroclor-1254	0.036	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Aroclor-1260	0.036	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-10502	MD21-98-0048	0.0–0.5	ALLH	BHC[alpha-]	0.0018	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	BHC[beta-]	0.0018	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	BHC[delta-]	0.0018	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	BHC[gamma-]	0.0018	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Heptachlor	0.0018	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Aldrin	0.0018	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Heptachlor epoxide	0.0018	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Endosulfan I	0.0018	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Dieldrin	0.0036	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	DDE[4,4'-]	0.0036	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Endrin	0.0036	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Di-n-butylphthalate	0.36	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Fluoranthene	0.57	mg/kg	None
21-10502	MD21-98-0048	0.0–0.5	ALLH	Pyrene	0.52	mg/kg	None
21-10502	MD21-98-0048	0.0–0.5	ALLH	Butylbenzylphthalate	0.36	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Dichlorobenzidine[3,3'-]	0.72	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Benzo(a)anthracene	0.36	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Bis(2-ethylhexyl)phthalate	0.36	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Chrysene	0.36	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Di-n-octylphthalate	0.36	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Benzo(b)fluoranthene	0.36	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Benzo(k)fluoranthene	0.36	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Benzo(a)pyrene	0.36	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Indeno(1,2,3-cd)pyrene	0.36	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Dibenz(a,h)anthracene	0.36	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Benzo(g,h,i)perylene	0.36	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Benzyl alcohol	1.4	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.36	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Nitrosodimethylamine[N-]	0.36	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Aniline	0.72	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Phenol	0.36	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Bis(2-chloroethyl)ether	0.36	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Chlorophenol[2-]	0.36	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Dichlorobenzene[1,3-]	0.36	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Dichlorobenzene[1,4-]	0.36	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Dichlorobenzene[1,2-]	0.36	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Methylphenol[2-]	0.36	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Methylphenol[4-]	0.36	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Nitroso-di-n-propylamine[N-]	0.36	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Hexachloroethane	0.36	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Nitrobenzene	0.36	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Isophorone	0.36	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Nitrophenol[2-]	0.36	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Dimethylphenol[2,4-]	0.36	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Benzoic acid	3.6	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Bis(2-chloroethoxy)methane	0.36	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Dichlorophenol[2,4-]	0.36	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Trichlorobenzene[1,2,4-]	0.36	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Naphthalene	0.36	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Chloroaniline[4-]	1.4	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Hexachlorobutadiene	0.36	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-10502	MD21-98-0048	0.0–0.5	ALLH	Chloro-3-methylphenol[4-]	0.72	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Methylnaphthalene[2-]	0.36	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Hexachlorocyclopentadiene	0.36	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Trichlorophenol[2,4,6-]	0.36	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Trichlorophenol[2,4,5-]	1.7	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Chloronaphthalene[2-]	0.36	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Nitroaniline[2-]	1.7	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Dimethyl phthalate	0.36	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Acenaphthylene	0.36	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Nitroaniline[3-]	1.7	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Acenaphthene	0.36	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Dinitrophenol[2,4-]	1.7	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Nitrophenol[4-]	1.7	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Dibenzofuran	0.36	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Dinitrotoluene[2,4-]	0.36	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Dinitrotoluene[2,6-]	0.36	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Diethylphthalate	0.36	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Chlorophenyl-phenyl[4-] ether	0.36	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Fluorene	0.36	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Nitroaniline[4-]	0.72	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Nitrosodiphenylamine[N-]	0.36	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Azobenzene	0.72	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Bromophenyl-phenylether[4-]	0.36	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Hexachlorobenzene	0.36	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Pentachlorophenol	1.7	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Phenanthrene	0.66	mg/kg	None
21-10502	MD21-98-0048	0.0–0.5	ALLH	Anthracene	0.36	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Aluminum	13000	mg/kg	None
21-10502	MD21-98-0048	0.0–0.5	ALLH	Arsenic	4.3	mg/kg	None
21-10502	MD21-98-0048	0.0–0.5	ALLH	Barium	120	mg/kg	None
21-10502	MD21-98-0048	0.0–0.5	ALLH	Beryllium	0.75	mg/kg	None
21-10502	MD21-98-0048	0.0–0.5	ALLH	Cadmium	0.56	mg/kg	None
21-10502	MD21-98-0048	0.0–0.5	ALLH	Calcium	4900	mg/kg	None
21-10502	MD21-98-0048	0.0–0.5	ALLH	Chromium	9.2	mg/kg	None
21-10502	MD21-98-0048	0.0–0.5	ALLH	Cobalt	5	mg/kg	None
21-10502	MD21-98-0048	0.0–0.5	ALLH	Copper	9.1	mg/kg	None
21-10502	MD21-98-0048	0.0–0.5	ALLH	Iron	10000	mg/kg	None
21-10502	MD21-98-0048	0.0–0.5	ALLH	Lead	17	mg/kg	None
21-10502	MD21-98-0048	0.0–0.5	ALLH	Magnesium	2000	mg/kg	None
21-10502	MD21-98-0048	0.0–0.5	ALLH	Manganese	360	mg/kg	J-
21-10502	MD21-98-0048	0.0–0.5	ALLH	Nickel	6.3	mg/kg	None
21-10502	MD21-98-0048	0.0–0.5	ALLH	Potassium	1900	mg/kg	None
21-10502	MD21-98-0048	0.0–0.5	ALLH	Selenium	1.1	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Silver	2.2	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Sodium	68	mg/kg	None
21-10502	MD21-98-0048	0.0–0.5	ALLH	Thallium	2.2	mg/kg	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Vanadium	18	mg/kg	None
21-10502	MD21-98-0048	0.0–0.5	ALLH	Zinc	57	mg/kg	None
21-10502	MD21-98-0048	0.0–0.5	ALLH	Mercury	0.13	mg/kg	None
21-10502	MD21-98-0048	0.0–0.5	ALLH	Sodium-22	0.1	pCi/g	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-10502	MD21-98-0048	0.0–0.5	ALLH	Ruthenium-106	-0.25	pCi/g	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Americium-241	0.35	pCi/g	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Cobalt-60	-0.02	pCi/g	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Cesium-134	0.016	pCi/g	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Cesium-137	0.91	pCi/g	None
21-10502	MD21-98-0048	0.0–0.5	ALLH	Europium-152	-0.02	pCi/g	U
21-10502	MD21-98-0048	0.0–0.5	ALLH	Tritium	0.18	pCi/g	None
21-10502	MD21-98-0048	0.0–0.5	ALLH	Thorium-228	1.295	pCi/g	None
21-10502	MD21-98-0048	0.0–0.5	ALLH	Thorium-230	1.164	pCi/g	None
21-10502	MD21-98-0048	0.0–0.5	ALLH	Thorium-232	1.203	pCi/g	None
21-10502	MD21-98-0048	0.0–0.5	ALLH	Uranium-234	1.272	pCi/g	None
21-10502	MD21-98-0048	0.0–0.5	ALLH	Uranium-235	0.051	pCi/g	None
21-10502	MD21-98-0048	0.0–0.5	ALLH	Uranium-238	1.242	pCi/g	None
21-10501	MD21-98-0049	0.0–0.5	Qbt3	BHC[alpha-]	0.0017	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	BHC[beta-]	0.0017	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	BHC[delta-]	0.0017	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	BHC[gamma-]	0.0017	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Heptachlor	0.0017	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Aldrin	0.0017	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Heptachlor epoxide	0.0017	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Endosulfan I	0.0017	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Dieldrin	0.0034	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	DDE[4,4'-]	0.0034	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Endrin	0.0034	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Endosulfan II	0.0034	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	DDD[4,4'-]	0.0034	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Endosulfan sulfate	0.0034	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	DDT[4,4'-]	0.0034	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Methoxychlor[4,4'-]	0.017	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Endrin ketone	0.0034	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Endrin aldehyde	0.00034	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Chlordane[alpha-]	0.0017	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Chlordane[gamma-]	0.0017	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Toxaphene (technical grade)	0.17	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Aroclor-1016	0.034	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Aroclor-1221	0.067	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Aroclor-1232	0.034	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Aroclor-1242	0.034	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Aroclor-1248	0.034	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Aroclor-1254	0.034	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Aroclor-1260	0.034	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Nitroaniline[2-]	1.6	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Dimethyl phthalate	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Acenaphthylene	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Nitroaniline[3-]	1.6	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Acenaphthene	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Dinitrophenol[2,4-]	1.6	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Nitrophenol[4-]	1.6	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Dibenzofuran	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Dinitrotoluene[2,4-]	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Dinitrotoluene[2,6-]	0.34	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Diethylphthalate	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Chlorophenyl-phenyl[4-] ether	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Fluorene	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Nitroaniline[4-]	0.67	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Dinitro-2-methylphenol[4,6-]	1.6	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Nitrosodiphenylamine[N-]	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Azobenzene	0.67	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Bromophenyl-phenylether[4-]	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Hexachlorobenzene	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Pentachlorophenol	1.6	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Phenanthrene	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Anthracene	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Di-n-butylphthalate	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Fluoranthene	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Pyrene	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Butylbenzylphthalate	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Dichlorobenzidine[3,3'-]	0.67	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Benzo(a)anthracene	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Bis(2-ethylhexyl)phthalate	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Chrysene	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Di-n-octylphthalate	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Benzo(b)fluoranthene	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Benzo(k)fluoranthene	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Benzo(a)pyrene	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Indeno(1,2,3-cd)pyrene	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Dibenz(a,h)anthracene	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Benzo(g,h,i)perylene	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Benzyl alcohol	1.3	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Oxybis(1-chloropropane)[2,2'-]	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Nitrosodimethylamine[N-]	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Aniline	0.67	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Phenol	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Bis(2-chloroethyl)ether	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Chlorophenol[2-]	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Dichlorobenzene[1,3-]	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Dichlorobenzene[1,4-]	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Dichlorobenzene[1,2-]	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Methylphenol[2-]	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Methylphenol[4-]	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Nitroso-di-n-propylamine[N-]	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Hexachloroethane	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Nitrobenzene	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Isophorone	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Nitrophenol[2-]	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Dimethylphenol[2,4-]	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Benzoic acid	3.4	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Bis(2-chloroethoxy)methane	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Dichlorophenol[2,4-]	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Trichlorobenzene[1,2,4-]	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Naphthalene	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Chloroaniline[4-]	1.3	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Hexachlorobutadiene	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Chloro-3-methylphenol[4-]	0.67	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Methylnaphthalene[2-]	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Hexachlorocyclopentadiene	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Trichlorophenol[2,4,6-]	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Trichlorophenol[2,4,5-]	1.6	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Chloronaphthalene[2-]	0.34	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Aluminum	3600	mg/kg	None
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Arsenic	2.7	mg/kg	None
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Barium	15	mg/kg	None
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Beryllium	0.59	mg/kg	None
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Cadmium	0.51	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Calcium	730	mg/kg	None
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Chromium	2.4	mg/kg	None
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Cobalt	1.4	mg/kg	None
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Copper	1.8	mg/kg	None
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Iron	4800	mg/kg	None
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Lead	4.9	mg/kg	None
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Magnesium	710	mg/kg	None
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Manganese	130	mg/kg	J-
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Nickel	2.6	mg/kg	None
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Potassium	570	mg/kg	None
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Selenium	1	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Silver	2	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Sodium	76	mg/kg	None
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Thallium	2	mg/kg	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Vanadium	5.9	mg/kg	None
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Zinc	31	mg/kg	None
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Mercury	0.12	mg/kg	None
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Ruthenium-106	0.49	pCi/g	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Americium-241	-0.05	pCi/g	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Cobalt-60	0.018	pCi/g	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Cesium-134	0.049	pCi/g	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Cesium-137	0.034	pCi/g	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Europium-152	0.03	pCi/g	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Sodium-22	-0.034	pCi/g	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Tritium	0.07	pCi/g	None
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Thorium-228	1.31	pCi/g	None
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Thorium-230	0.828	pCi/g	None
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Thorium-232	1.4	pCi/g	None
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Uranium-234	0.817	pCi/g	None
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Uranium-235	0.028	pCi/g	U
21-10501	MD21-98-0049	0.0–0.5	Qbt3	Uranium-238	0.806	pCi/g	None
21-11191	MD21-01-0001	0.5–1.17	FILL	DDD[4,4'-]	0.002	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	DDE[4,4'-]	0.002	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	DDT[4,4'-]	0.002	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Aldrin	0.002	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	BHC[alpha-]	0.002	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Chlordane[alpha-]	0.002	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	BHC[beta-]	0.002	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	BHC[delta-]	0.002	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11191	MD21-01-0001	0.5–1.17	FILL	Dieldrin	0.002	mg/kg	UJ
21-11191	MD21-01-0001	0.5–1.17	FILL	Endosulfan I	0.002	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Endosulfan II	0.002	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Endosulfan sulfate	0.002	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Endrin	0.002	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Endrin aldehyde	0.002	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Endrin ketone	0.002	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	BHC[gamma-]	0.002	mg/kg	UJ
21-11191	MD21-01-0001	0.5–1.17	FILL	Chlordane[gamma-]	0.002	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Heptachlor	0.002	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Heptachlor epoxide	0.002	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Methoxychlor[4,4'-]	0.004	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Toxaphene (technical grade)	0.08	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Aroclor-1016	0.04	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Aroclor-1221	0.04	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Aroclor-1232	0.04	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Aroclor-1242	0.04	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Aroclor-1248	0.04	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Aroclor-1254	0.071	mg/kg	None
21-11191	MD21-01-0001	0.5–1.17	FILL	Aroclor-1260	0.04	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Tetrachloroethane[1,1,1,2-]	0.0069	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Trichloroethane[1,1,1-]	0.0069	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Tetrachloroethane[1,1,2,2-]	0.0069	mg/kg	UJ
21-11191	MD21-01-0001	0.5–1.17	FILL	Trichloroethane[1,1,2-]	0.0069	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Dichloroethane[1,1-]	0.0069	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Dichloroethene[1,1-]	0.0069	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Dichloropropene[1,1-]	0.0069	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Trichloropropane[1,2,3-]	0.0069	mg/kg	UJ
21-11191	MD21-01-0001	0.5–1.17	FILL	Trimethylbenzene[1,2,4-]	0.0069	mg/kg	UJ
21-11191	MD21-01-0001	0.5–1.17	FILL	Dibromo-3-chloropropane[1,2-]	0.014	mg/kg	UJ
21-11191	MD21-01-0001	0.5–1.17	FILL	Dibromoethane[1,2-]	0.0069	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Dichlorobenzene[1,2-]	0.0069	mg/kg	UJ
21-11191	MD21-01-0001	0.5–1.17	FILL	Dichloroethane[1,2-]	0.0069	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Dichloroethene[cis/trans-1,2-]	0.0069	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Dichloropropane[1,2-]	0.0069	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Trimethylbenzene[1,3,5-]	0.0069	mg/kg	UJ
21-11191	MD21-01-0001	0.5–1.17	FILL	Dichlorobenzene[1,3-]	0.0069	mg/kg	UJ
21-11191	MD21-01-0001	0.5–1.17	FILL	Dichloropropane[1,3-]	0.0069	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Dichlorobenzene[1,4-]	0.0039	mg/kg	J
21-11191	MD21-01-0001	0.5–1.17	FILL	Dichloropropane[2,2-]	0.0069	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Butanone[2-]	0.012	mg/kg	J
21-11191	MD21-01-0001	0.5–1.17	FILL	Chlorotoluene[2-]	0.0069	mg/kg	UJ
21-11191	MD21-01-0001	0.5–1.17	FILL	Hexanone[2-]	0.028	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Chlorotoluene[4-]	0.0069	mg/kg	UJ
21-11191	MD21-01-0001	0.5–1.17	FILL	Isopropyltoluene[4-]	0.0069	mg/kg	UJ
21-11191	MD21-01-0001	0.5–1.17	FILL	Methyl-2-pentanone[4-]	0.028	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Acetone	0.081	mg/kg	J
21-11191	MD21-01-0001	0.5–1.17	FILL	Benzene	0.0069	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Bromobenzene	0.0069	mg/kg	UJ
21-11191	MD21-01-0001	0.5–1.17	FILL	Bromochloromethane	0.0069	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Bromodichloromethane	0.0069	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11191	MD21-01-0001	0.5–1.17	FILL	Bromoform	0.0069	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Bromomethane	0.014	mg/kg	UJ
21-11191	MD21-01-0001	0.5–1.17	FILL	Carbon disulfide	0.0069	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Carbon tetrachloride	0.0069	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Chlorobenzene	0.0069	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Chlorodibromomethane	0.0069	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Chloroethane	0.014	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Chloroform	0.0069	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Chloromethane	0.014	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Dichloropropene[cis-1,3-]	0.0069	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Dibromomethane	0.0069	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Dichlorodifluoromethane	0.014	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Ethylbenzene	0.0069	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Iodomethane	0.0069	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Isopropylbenzene	0.0069	mg/kg	UJ
21-11191	MD21-01-0001	0.5–1.17	FILL	Methylene chloride	0.0069	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Butylbenzene[n-]	0.0069	mg/kg	UJ
21-11191	MD21-01-0001	0.5–1.17	FILL	Propylbenzene[1-]	0.0069	mg/kg	UJ
21-11191	MD21-01-0001	0.5–1.17	FILL	Butylbenzene[sec-]	0.0069	mg/kg	UJ
21-11191	MD21-01-0001	0.5–1.17	FILL	Styrene	0.0069	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Butylbenzene[tert-]	0.0069	mg/kg	UJ
21-11191	MD21-01-0001	0.5–1.17	FILL	Tetrachloroethene	0.0069	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Toluene	0.0024	mg/kg	J
21-11191	MD21-01-0001	0.5–1.17	FILL	Dichloropropene[trans-1,3-]	0.0069	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Trichloroethene	0.0069	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Trichlorofluoromethane	0.014	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Trichlorotrifluoroethane	0.0069	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Vinyl chloride	0.014	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Xylene (total)	0.0069	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Trichlorobenzene[1,2,4-]	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Dichlorobenzene[1,2-]	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Dichlorobenzene[1,3-]	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Dichlorobenzene[1,4-]	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Oxybis(1-chloropropane)[2,2'-]	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Trichlorophenol[2,4,5-]	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Trichlorophenol[2,4,6-]	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Dichlorophenol[2,4-]	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Dimethylphenol[2,4-]	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Dinitrophenol[2,4-]	1.9	mg/kg	UJ
21-11191	MD21-01-0001	0.5–1.17	FILL	Dinitrotoluene[2,4-]	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Dinitrotoluene[2,6-]	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Chloronaphthalene[2-]	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Chlorophenol[2-]	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Methylnaphthalene[2-]	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Methylphenol[2-]	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Nitroaniline[2-]	1.9	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Nitrophenol[2-]	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Dichlorobenzidine[3,3'-]	1.9	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Nitroaniline[3-]	1.9	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Dinitro-2-methylphenol[4,6-]	1.9	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Bromophenyl-phenylether[4-]	0.4	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11191	MD21-01-0001	0.5–1.17	FILL	Chloro-3-methylphenol[4-]	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Chloroaniline[4-]	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Chlorophenyl-phenyl[4-] ether	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Methylphenol[4-]	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Nitroaniline[4-]	1.9	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Nitrophenol[4-]	1.9	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Acenaphthene	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Acenaphthylene	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Aniline	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Anthracene	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Azobenzene	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Benzo(a)anthracene	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Benzo(a)pyrene	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Benzo(b)fluoranthene	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Benzo(g,h,i)perylene	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Benzo(k)fluoranthene	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Benzoic acid	1.9	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Benzyl alcohol	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Bis(2-chloroethoxy)methane	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Bis(2-chloroethyl)ether	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Bis(2-ethylhexyl)phthalate	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Butylbenzylphthalate	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Chrysene	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Di-n-butylphthalate	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Di-n-octylphthalate	0.4	mg/kg	UJ
21-11191	MD21-01-0001	0.5–1.17	FILL	Dibenz(a,h)anthracene	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Dibenzofuran	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Diethylphthalate	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Dimethyl phthalate	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Fluoranthene	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Fluorene	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Hexachlorobenzene	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Hexachlorobutadiene	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Hexachlorocyclopentadiene	1.9	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Hexachloroethane	0.4	mg/kg	UJ
21-11191	MD21-01-0001	0.5–1.17	FILL	Indeno(1,2,3-cd)pyrene	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Isophorone	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Nitroso-di-n-propylamine[N-]	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Nitrosodimethylamine[N-]	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Nitrosodiphenylamine[N-]	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Naphthalene	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Nitrobenzene	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Pentachlorophenol	1.9	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Phenanthrene	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Phenol	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Pyrene	0.4	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Thorium-228	1.54	pCi/g	None
21-11191	MD21-01-0001	0.5–1.17	FILL	Thorium-230	1.31	pCi/g	None
21-11191	MD21-01-0001	0.5–1.17	FILL	Thorium-232	1.5	pCi/g	None
21-11191	MD21-01-0001	0.5–1.17	FILL	Americium-241	0.039	pCi/g	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Uranium-234	1.51	pCi/g	None

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11191	MD21-01-0001	0.5–1.17	FILL	Uranium-235	0.071	pCi/g	None
21-11191	MD21-01-0001	0.5–1.17	FILL	Uranium-238	1.32	pCi/g	J+
21-11191	MD21-01-0001	0.5–1.17	FILL	Plutonium-238	0.039	pCi/g	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Plutonium-239	0.176	pCi/g	None
21-11191	MD21-01-0001	0.5–1.17	FILL	Strontium-90	0.34	pCi/g	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Tritium	0.4	pCi/g	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Gross alpha	10	pCi/g	None
21-11191	MD21-01-0001	0.5–1.17	FILL	Gross beta	6.63	pCi/g	None
21-11191	MD21-01-0001	0.5–1.17	FILL	Cesium-134	-0.015	pCi/g	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Cesium-137	-0.018	pCi/g	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Cobalt-60	0.008	pCi/g	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Europium-152	0.12	pCi/g	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Ruthenium-106	-0.03	pCi/g	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Silver	0.124	mg/kg	U
21-11191	MD21-01-0001	0.5–1.17	FILL	Aluminum	20000	mg/kg	None
21-11191	MD21-01-0001	0.5–1.17	FILL	Arsenic	7.4	mg/kg	None
21-11191	MD21-01-0001	0.5–1.17	FILL	Barium	110	mg/kg	None
21-11191	MD21-01-0001	0.5–1.17	FILL	Beryllium	1.3	mg/kg	None
21-11191	MD21-01-0001	0.5–1.17	FILL	Calcium	2700	mg/kg	None
21-11191	MD21-01-0001	0.5–1.17	FILL	Cadmium	0.17	mg/kg	J+
21-11191	MD21-01-0001	0.5–1.17	FILL	Cobalt	5.4	mg/kg	None
21-11191	MD21-01-0001	0.5–1.17	FILL	Chromium	20	mg/kg	None
21-11191	MD21-01-0001	0.5–1.17	FILL	Copper	9	mg/kg	None
21-11191	MD21-01-0001	0.5–1.17	FILL	Iron	17000	mg/kg	None
21-11191	MD21-01-0001	0.5–1.17	FILL	Mercury	0.45	mg/kg	None
21-11191	MD21-01-0001	0.5–1.17	FILL	Potassium	2400	mg/kg	None
21-11191	MD21-01-0001	0.5–1.17	FILL	Magnesium	2600	mg/kg	J-
21-11191	MD21-01-0001	0.5–1.17	FILL	Manganese	300	mg/kg	None
21-11191	MD21-01-0001	0.5–1.17	FILL	Sodium	130	mg/kg	None
21-11191	MD21-01-0001	0.5–1.17	FILL	Nickel	8.8	mg/kg	None
21-11191	MD21-01-0001	0.5–1.17	FILL	Lead	50	mg/kg	None
21-11191	MD21-01-0001	0.5–1.17	FILL	Selenium	0.583	mg/kg	None
21-11191	MD21-01-0001	0.5–1.17	FILL	Thallium	0.141	mg/kg	J
21-11191	MD21-01-0001	0.5–1.17	FILL	Vanadium	32	mg/kg	None
21-11191	MD21-01-0001	0.5–1.17	FILL	Zinc	76	mg/kg	None
21-11192	MD21-01-0002	0.5–1.0	FILL	DDD[4,4'-]	0.02	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	DDE[4,4'-]	0.02	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	DDT[4,4'-]	0.02	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Aldrin	0.02	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	BHC[alpha-]	0.02	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Chlordane[alpha-]	0.02	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	BHC[beta-]	0.02	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	BHC[delta-]	0.02	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Dieldrin	0.02	mg/kg	UJ
21-11192	MD21-01-0002	0.5–1.0	FILL	Endosulfan I	0.02	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Endosulfan II	0.02	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Endosulfan sulfate	0.02	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Endrin	0.02	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Endrin aldehyde	0.02	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Endrin ketone	0.02	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	BHC[gamma-]	0.02	mg/kg	UJ

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11192	MD21-01-0002	0.5–1.0	FILL	Chlordane[gamma-]	0.02	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Heptachlor	0.02	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Heptachlor epoxide	0.02	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Methoxychlor[4,4'-]	0.038	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Toxaphene (technical grade)	0.78	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Aroclor-1016	0.038	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Aroclor-1221	0.038	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Aroclor-1232	0.038	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Aroclor-1242	0.038	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Aroclor-1248	0.038	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Aroclor-1254	0.038	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Aroclor-1260	0.038	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Tetrachloroethane[1,1,1,2-]	0.0059	mg/kg	UJ
21-11192	MD21-01-0002	0.5–1.0	FILL	Trichloroethane[1,1,1-]	0.0059	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Tetrachloroethane[1,1,2,2-]	0.0059	mg/kg	UJ
21-11192	MD21-01-0002	0.5–1.0	FILL	Trichloroethane[1,1,2-]	0.0059	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Dichloroethane[1,1-]	0.0059	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Dichloroethene[1,1-]	0.0059	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Dichloropropene[1,1-]	0.0059	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Trichloropropane[1,2,3-]	0.0059	mg/kg	UJ
21-11192	MD21-01-0002	0.5–1.0	FILL	Trimethylbenzene[1,2,4-]	0.0024	mg/kg	J
21-11192	MD21-01-0002	0.5–1.0	FILL	Dibromo-3-chloropropane[1,2-]	0.012	mg/kg	UJ
21-11192	MD21-01-0002	0.5–1.0	FILL	Dibromoethane[1,2-]	0.0059	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Dichlorobenzene[1,2-]	0.0059	mg/kg	UJ
21-11192	MD21-01-0002	0.5–1.0	FILL	Dichloroethane[1,2-]	0.0059	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Dichloroethene[cis/trans-1,2-]	0.0059	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Dichloropropane[1,2-]	0.0059	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Trimethylbenzene[1,3,5-]	0.0059	mg/kg	UJ
21-11192	MD21-01-0002	0.5–1.0	FILL	Dichlorobenzene[1,3-]	0.0059	mg/kg	UJ
21-11192	MD21-01-0002	0.5–1.0	FILL	Dichloropropane[1,3-]	0.0059	mg/kg	UJ
21-11192	MD21-01-0002	0.5–1.0	FILL	Dichlorobenzene[1,4-]	0.0059	mg/kg	UJ
21-11192	MD21-01-0002	0.5–1.0	FILL	Dichloropropane[2,2-]	0.0059	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Butanone[2-]	0.036	mg/kg	None
21-11192	MD21-01-0002	0.5–1.0	FILL	Chlorotoluene[2-]	0.0059	mg/kg	UJ
21-11192	MD21-01-0002	0.5–1.0	FILL	Hexanone[2-]	0.024	mg/kg	UJ
21-11192	MD21-01-0002	0.5–1.0	FILL	Chlorotoluene[4-]	0.0059	mg/kg	UJ
21-11192	MD21-01-0002	0.5–1.0	FILL	Isopropyltoluene[4-]	0.0059	mg/kg	UJ
21-11192	MD21-01-0002	0.5–1.0	FILL	Methyl-2-pentanone[4-]	0.024	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Acetone	0.14	mg/kg	J
21-11192	MD21-01-0002	0.5–1.0	FILL	Benzene	0.0059	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Bromobenzene	0.0059	mg/kg	UJ
21-11192	MD21-01-0002	0.5–1.0	FILL	Bromochloromethane	0.0059	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Bromodichloromethane	0.0059	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Bromoform	0.0059	mg/kg	UJ
21-11192	MD21-01-0002	0.5–1.0	FILL	Bromomethane	0.012	mg/kg	UJ
21-11192	MD21-01-0002	0.5–1.0	FILL	Carbon disulfide	0.0059	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Carbon tetrachloride	0.0059	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Chlorobenzene	0.0059	mg/kg	UJ
21-11192	MD21-01-0002	0.5–1.0	FILL	Chlorodibromomethane	0.0059	mg/kg	UJ
21-11192	MD21-01-0002	0.5–1.0	FILL	Chloroethane	0.012	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Chloroform	0.0059	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11192	MD21-01-0002	0.5–1.0	FILL	Chloromethane	0.012	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Dichloropropene[cis-1,3-]	0.0059	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Dibromomethane	0.0059	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Dichlorodifluoromethane	0.012	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Ethylbenzene	0.0059	mg/kg	UJ
21-11192	MD21-01-0002	0.5–1.0	FILL	Iodomethane	0.0059	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Isopropylbenzene	0.0059	mg/kg	UJ
21-11192	MD21-01-0002	0.5–1.0	FILL	Methylene chloride	0.0059	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Butylbenzene[n-]	0.0059	mg/kg	UJ
21-11192	MD21-01-0002	0.5–1.0	FILL	Propylbenzene[1-]	0.0059	mg/kg	UJ
21-11192	MD21-01-0002	0.5–1.0	FILL	Butylbenzene[sec-]	0.0059	mg/kg	UJ
21-11192	MD21-01-0002	0.5–1.0	FILL	Styrene	0.0059	mg/kg	UJ
21-11192	MD21-01-0002	0.5–1.0	FILL	Butylbenzene[tert-]	0.0059	mg/kg	UJ
21-11192	MD21-01-0002	0.5–1.0	FILL	Tetrachloroethene	0.0059	mg/kg	UJ
21-11192	MD21-01-0002	0.5–1.0	FILL	Toluene	0.0016	mg/kg	J
21-11192	MD21-01-0002	0.5–1.0	FILL	Dichloropropene[trans-1,3-]	0.0059	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Trichloroethene	0.0059	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Trichlorofluoromethane	0.012	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Trichlorotrifluoroethane	0.0059	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Vinyl chloride	0.012	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Xylene (total)	0.0059	mg/kg	UJ
21-11192	MD21-01-0002	0.5–1.0	FILL	Trichlorobenzene[1,2,4-]	0.38	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Dichlorobenzene[1,2-]	0.38	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Dichlorobenzene[1,3-]	0.38	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Dichlorobenzene[1,4-]	0.38	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Oxybis(1-chloropropane)[2,2'-]	0.38	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Trichlorophenol[2,4,5-]	0.38	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Trichlorophenol[2,4,6-]	0.38	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Dichlorophenol[2,4-]	0.38	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Dimethylphenol[2,4-]	0.38	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Dinitrophenol[2,4-]	1.9	mg/kg	UJ
21-11192	MD21-01-0002	0.5–1.0	FILL	Dinitrotoluene[2,4-]	0.38	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Dinitrotoluene[2,6-]	0.38	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Chloronaphthalene[2-]	0.38	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Chlorophenol[2-]	0.38	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Methylnaphthalene[2-]	0.38	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Methylphenol[2-]	0.38	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Nitroaniline[2-]	1.9	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Nitrophenol[2-]	0.38	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Dichlorobenzidine[3,3'-]	1.9	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Nitroaniline[3-]	1.9	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Dinitro-2-methylphenol[4,6-]	1.9	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Bromophenyl-phenylether[4-]	0.38	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Chloro-3-methylphenol[4-]	0.38	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Chloroaniline[4-]	0.38	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Chlorophenyl-phenyl[4-] ether	0.38	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Methylphenol[4-]	0.38	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Nitroaniline[4-]	1.9	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Nitrophenol[4-]	1.9	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Acenaphthene	0.044	mg/kg	J
21-11192	MD21-01-0002	0.5–1.0	FILL	Acenaphthylene	0.38	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11192	MD21-01-0002	0.5–1.0	FILL	Aniline	0.38	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Anthracene	0.045	mg/kg	J
21-11192	MD21-01-0002	0.5–1.0	FILL	Azobenzene	0.38	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Benzo(a)anthracene	0.082	mg/kg	J
21-11192	MD21-01-0002	0.5–1.0	FILL	Benzo(a)pyrene	0.074	mg/kg	J
21-11192	MD21-01-0002	0.5–1.0	FILL	Benzo(b)fluoranthene	0.078	mg/kg	J
21-11192	MD21-01-0002	0.5–1.0	FILL	Benzo(g,h,i)perylene	0.38	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Benzo(k)fluoranthene	0.078	mg/kg	J
21-11192	MD21-01-0002	0.5–1.0	FILL	Benzoic acid	0.18	mg/kg	J
21-11192	MD21-01-0002	0.5–1.0	FILL	Benzyl alcohol	0.38	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Bis(2-chloroethoxy)methane	0.38	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Bis(2-chloroethyl)ether	0.38	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Bis(2-ethylhexyl)phthalate	0.055	mg/kg	J
21-11192	MD21-01-0002	0.5–1.0	FILL	Butylbenzylphthalate	0.38	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Chrysene	0.089	mg/kg	J
21-11192	MD21-01-0002	0.5–1.0	FILL	Di-n-butylphthalate	0.38	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Di-n-octylphthalate	0.38	mg/kg	UJ
21-11192	MD21-01-0002	0.5–1.0	FILL	Dibenz(a,h)anthracene	0.38	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Dibenzofuran	0.38	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Diethylphthalate	0.38	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Dimethyl phthalate	0.38	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Fluoranthene	0.31	mg/kg	J
21-11192	MD21-01-0002	0.5–1.0	FILL	Fluorene	0.38	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Hexachlorobenzene	0.38	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Hexachlorobutadiene	0.38	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Hexachlorocyclopentadiene	1.9	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Hexachloroethane	0.38	mg/kg	UJ
21-11192	MD21-01-0002	0.5–1.0	FILL	Indeno(1,2,3-cd)pyrene	0.38	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Isophorone	0.38	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Nitroso-di-n-propylamine[N-]	0.38	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Nitrosodimethylamine[N-]	0.38	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Nitrosodiphenylamine[N-]	0.38	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Naphthalene	0.38	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Nitrobenzene	0.38	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Pentachlorophenol	1.9	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Phenanthrene	0.26	mg/kg	J
21-11192	MD21-01-0002	0.5–1.0	FILL	Phenol	0.38	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Pyrene	0.23	mg/kg	J
21-11192	MD21-01-0002	0.5–1.0	FILL	Thorium-228	1.42	pCi/g	None
21-11192	MD21-01-0002	0.5–1.0	FILL	Thorium-230	1.13	pCi/g	None
21-11192	MD21-01-0002	0.5–1.0	FILL	Thorium-232	1.35	pCi/g	None
21-11192	MD21-01-0002	0.5–1.0	FILL	Americium-241	0.005	pCi/g	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Uranium-234	0.99	pCi/g	None
21-11192	MD21-01-0002	0.5–1.0	FILL	Uranium-235	0.007	pCi/g	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Uranium-238	0.92	pCi/g	J+
21-11192	MD21-01-0002	0.5–1.0	FILL	Plutonium-238	0.014	pCi/g	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Plutonium-239	0.017	pCi/g	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Strontium-90	0.48	pCi/g	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Tritium	0.63	pCi/g	None
21-11192	MD21-01-0002	0.5–1.0	FILL	Gross alpha	5.55	pCi/g	None
21-11192	MD21-01-0002	0.5–1.0	FILL	Gross beta	4.92	pCi/g	None

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11192	MD21-01-0002	0.5–1.0	FILL	Cesium-134	0.023	pCi/g	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Cesium-137	-0.021	pCi/g	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Cobalt-60	0.001	pCi/g	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Europium-152	0.29	pCi/g	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Ruthenium-106	-0.42	pCi/g	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Silver	0.123	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Aluminum	21000	mg/kg	None
21-11192	MD21-01-0002	0.5–1.0	FILL	Arsenic	4.5	mg/kg	None
21-11192	MD21-01-0002	0.5–1.0	FILL	Barium	100	mg/kg	None
21-11192	MD21-01-0002	0.5–1.0	FILL	Beryllium	1.5	mg/kg	None
21-11192	MD21-01-0002	0.5–1.0	FILL	Calcium	2500	mg/kg	None
21-11192	MD21-01-0002	0.5–1.0	FILL	Cadmium	0.0381	mg/kg	U
21-11192	MD21-01-0002	0.5–1.0	FILL	Cobalt	4.6	mg/kg	None
21-11192	MD21-01-0002	0.5–1.0	FILL	Chromium	13	mg/kg	None
21-11192	MD21-01-0002	0.5–1.0	FILL	Copper	7.3	mg/kg	None
21-11192	MD21-01-0002	0.5–1.0	FILL	Iron	15000	mg/kg	None
21-11192	MD21-01-0002	0.5–1.0	FILL	Mercury	0.11	mg/kg	J
21-11192	MD21-01-0002	0.5–1.0	FILL	Potassium	3000	mg/kg	None
21-11192	MD21-01-0002	0.5–1.0	FILL	Magnesium	2700	mg/kg	None
21-11192	MD21-01-0002	0.5–1.0	FILL	Manganese	240	mg/kg	J-
21-11192	MD21-01-0002	0.5–1.0	FILL	Sodium	100	mg/kg	None
21-11192	MD21-01-0002	0.5–1.0	FILL	Nickel	9.4	mg/kg	None
21-11192	MD21-01-0002	0.5–1.0	FILL	Lead	12	mg/kg	None
21-11192	MD21-01-0002	0.5–1.0	FILL	Selenium	1.67	mg/kg	None
21-11192	MD21-01-0002	0.5–1.0	FILL	Thallium	0.168	mg/kg	J
21-11192	MD21-01-0002	0.5–1.0	FILL	Vanadium	20	mg/kg	None
21-11192	MD21-01-0002	0.5–1.0	FILL	Zinc	44	mg/kg	None
21-11191	MD21-01-0003	3.0–3.5	Qbt3	DDD[4,4'-]	0.0017	mg/kg	UJ
21-11191	MD21-01-0003	3.0–3.5	Qbt3	DDE[4,4'-]	0.0017	mg/kg	UJ
21-11191	MD21-01-0003	3.0–3.5	Qbt3	DDT[4,4'-]	0.0017	mg/kg	UJ
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Aldrin	0.0017	mg/kg	UJ
21-11191	MD21-01-0003	3.0–3.5	Qbt3	BHC[alpha-]	0.0017	mg/kg	UJ
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Chlordane[alpha-]	0.0017	mg/kg	UJ
21-11191	MD21-01-0003	3.0–3.5	Qbt3	BHC[beta-]	0.0017	mg/kg	UJ
21-11191	MD21-01-0003	3.0–3.5	Qbt3	BHC[delta-]	0.0017	mg/kg	UJ
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Dieldrin	0.0017	mg/kg	UJ
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Endosulfan I	0.0017	mg/kg	UJ
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Endosulfan II	0.0017	mg/kg	UJ
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Endosulfan sulfate	0.0017	mg/kg	UJ
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Endrin	0.0017	mg/kg	UJ
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Endrin aldehyde	0.0017	mg/kg	UJ
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Endrin ketone	0.0017	mg/kg	UJ
21-11191	MD21-01-0003	3.0–3.5	Qbt3	BHC[gamma-]	0.0017	mg/kg	UJ
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Chlordane[gamma-]	0.0017	mg/kg	UJ
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Heptachlor	0.0017	mg/kg	UJ
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Heptachlor epoxide	0.0017	mg/kg	UJ
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Methoxychlor[4,4'-]	0.0034	mg/kg	UJ
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Toxaphene (technical grade)	0.069	mg/kg	UJ
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Aroclor-1016	0.034	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Aroclor-1221	0.034	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Aroclor-1232	0.034	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Aroclor-1242	0.034	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Aroclor-1248	0.034	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Aroclor-1254	0.034	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Aroclor-1260	0.034	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Tetrachloroethane[1,1,1,2-]	0.0066	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Trichloroethane[1,1,1-]	0.0066	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Tetrachloroethane[1,1,2,2-]	0.0066	mg/kg	UJ
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Trichloroethane[1,1,2-]	0.0066	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Dichloroethane[1,1-]	0.0066	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Dichloroethene[1,1-]	0.0066	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Dichloropropene[1,1-]	0.0066	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Trichloropropane[1,2,3-]	0.0066	mg/kg	UJ
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Trimethylbenzene[1,2,4-]	0.0066	mg/kg	UJ
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Dibromo-3-chloropropane[1,2-]	0.013	mg/kg	UJ
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Dibromoethane[1,2-]	0.0066	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Dichlorobenzene[1,2-]	0.0066	mg/kg	UJ
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Dichloroethane[1,2-]	0.0066	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Dichloroethene[cis/trans-1,2-]	0.0066	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Dichloropropane[1,2-]	0.0066	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Trimethylbenzene[1,3,5-]	0.0066	mg/kg	UJ
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Dichlorobenzene[1,3-]	0.0066	mg/kg	UJ
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Dichloropropane[1,3-]	0.0066	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Dichlorobenzene[1,4-]	0.0066	mg/kg	UJ
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Dichloropropane[2,2-]	0.0066	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Butanone[2-]	0.027	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Chlorotoluene[2-]	0.0066	mg/kg	UJ
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Hexanone[2-]	0.027	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Chlorotoluene[4-]	0.0066	mg/kg	UJ
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Isopropyltoluene[4-]	0.0066	mg/kg	UJ
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Methyl-2-pentanone[4-]	0.027	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Acetone	0.021	mg/kg	J
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Benzene	0.0066	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Bromobenzene	0.0066	mg/kg	UJ
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Bromochloromethane	0.0066	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Bromodichloromethane	0.0066	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Bromoform	0.0066	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Bromomethane	0.013	mg/kg	UJ
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Carbon disulfide	0.0066	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Carbon tetrachloride	0.0066	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Chlorobenzene	0.0066	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Chlorodibromomethane	0.0066	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Chloroethane	0.013	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Chloroform	0.0066	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Chloromethane	0.013	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Dichloropropene[cis-1,3-]	0.0066	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Dibromomethane	0.0066	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Dichlorodifluoromethane	0.013	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Ethylbenzene	0.0066	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Iodomethane	0.0066	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Isopropylbenzene	0.0066	mg/kg	UJ
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Methylene chloride	0.0066	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Butylbenzene[n-]	0.0066	mg/kg	UJ
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Propylbenzene[1-]	0.0066	mg/kg	UJ
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Butylbenzene[sec-]	0.0066	mg/kg	UJ
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Styrene	0.0066	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Butylbenzene[tert-]	0.0066	mg/kg	UJ
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Tetrachloroethene	0.0066	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Toluene	0.0066	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Dichloropropene[trans-1,3-]	0.0066	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Trichloroethene	0.0066	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Trichlorofluoromethane	0.013	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Trichlorotrifluoroethane	0.0066	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Vinyl chloride	0.013	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Xylene (total)	0.0066	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Trichlorobenzene[1,2,4-]	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Dichlorobenzene[1,2-]	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Dichlorobenzene[1,3-]	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Dichlorobenzene[1,4-]	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Oxybis(1-chloropropane)[2,2'-]	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Trichlorophenol[2,4,5-]	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Trichlorophenol[2,4,6-]	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Dichlorophenol[2,4-]	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Dimethylphenol[2,4-]	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Dinitrophenol[2,4-]	1.6	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Dinitrotoluene[2,4-]	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Dinitrotoluene[2,6-]	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Chloronaphthalene[2-]	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Chlorophenol[2-]	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Methylnaphthalene[2-]	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Methylphenol[2-]	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Nitroaniline[2-]	1.6	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Nitrophenol[2-]	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Dichlorobenzidine[3,3'-]	1.6	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Nitroaniline[3-]	1.6	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Dinitro-2-methylphenol[4,6-]	1.6	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Bromophenyl-phenylether[4-]	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Chloro-3-methylphenol[4-]	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Chloroaniline[4-]	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Chlorophenyl-phenyl[4-] ether	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Methylphenol[4-]	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Nitroaniline[4-]	1.6	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Nitrophenol[4-]	1.6	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Acenaphthene	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Acenaphthylene	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Aniline	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Anthracene	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Azobenzene	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Benzo(a)anthracene	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Benzo(a)pyrene	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Benzo(b)fluoranthene	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Benzo(g,h,i)perylene	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Benzo(k)fluoranthene	0.34	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Benzoic acid	1.6	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Benzyl alcohol	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Bis(2-chloroethoxy)methane	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Bis(2-chloroethyl)ether	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Bis(2-ethylhexyl)phthalate	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Butylbenzylphthalate	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Chrysene	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Di-n-butylphthalate	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Di-n-octylphthalate	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Dibenz(a,h)anthracene	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Dibenzofuran	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Diethylphthalate	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Dimethyl phthalate	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Fluoranthene	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Fluorene	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Hexachlorobenzene	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Hexachlorobutadiene	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Hexachlorocyclopentadiene	1.6	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Hexachloroethane	0.34	mg/kg	UJ
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Indeno(1,2,3-cd)pyrene	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Isophorone	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Nitroso-di-n-propylamine[N-]	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Nitrosodimethylamine[N-]	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Nitrosodiphenylamine[N-]	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Naphthalene	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Nitrobenzene	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Pentachlorophenol	1.6	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Phenanthrene	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Phenol	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Pyrene	0.34	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Thorium-228	1.35	pCi/g	None
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Thorium-230	0.97	pCi/g	None
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Thorium-232	1.2	pCi/g	None
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Americium-241	-0.008	pCi/g	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Uranium-234	0.66	pCi/g	None
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Uranium-235	0.007	pCi/g	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Uranium-238	0.81	pCi/g	J+
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Plutonium-238	0.036	pCi/g	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Plutonium-239	0.029	pCi/g	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Strontium-90	0.002	pCi/g	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Tritium	-0.02	pCi/g	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Gross alpha	2.9	pCi/g	None
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Gross beta	2.33	pCi/g	None
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Cesium-134	0.026	pCi/g	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Cesium-137	-0.041	pCi/g	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Cobalt-60	-0.05	pCi/g	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Europium-152	0.18	pCi/g	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Ruthenium-106	-0.09	pCi/g	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Silver	0.105	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Aluminum	1100	mg/kg	None
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Arsenic	2.1	mg/kg	None

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Barium	16	mg/kg	None
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Beryllium	0.3	mg/kg	J
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Calcium	600	mg/kg	None
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Cadmium	0.0327	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Cobalt	0.48	mg/kg	J
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Chromium	6.6	mg/kg	J
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Copper	1.8	mg/kg	None
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Iron	2200	mg/kg	None
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Mercury	0.033	mg/kg	J
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Potassium	230	mg/kg	None
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Magnesium	380	mg/kg	None
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Sodium	120	mg/kg	None
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Nickel	5.2	mg/kg	None
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Lead	12	mg/kg	None
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Selenium	0.358	mg/kg	None
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Thallium	0.051	mg/kg	U
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Vanadium	1.6	mg/kg	None
21-11191	MD21-01-0003	3.0–3.5	Qbt3	Zinc	16	mg/kg	None
21-11192	MD21-01-0004	3.0–3.5	Qbt3	DDD[4,4'-]	0.0017	mg/kg	UJ
21-11192	MD21-01-0004	3.0–3.5	Qbt3	DDE[4,4'-]	0.0017	mg/kg	UJ
21-11192	MD21-01-0004	3.0–3.5	Qbt3	DDT[4,4'-]	0.0017	mg/kg	UJ
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Aldrin	0.0017	mg/kg	UJ
21-11192	MD21-01-0004	3.0–3.5	Qbt3	BHC[alpha-]	0.0017	mg/kg	UJ
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Chlordane[alpha-]	0.0017	mg/kg	UJ
21-11192	MD21-01-0004	3.0–3.5	Qbt3	BHC[beta-]	0.0017	mg/kg	UJ
21-11192	MD21-01-0004	3.0–3.5	Qbt3	BHC[delta-]	0.0017	mg/kg	UJ
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Dieldrin	0.0017	mg/kg	UJ
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Endosulfan I	0.0017	mg/kg	UJ
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Endosulfan II	0.0017	mg/kg	UJ
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Endosulfan sulfate	0.0017	mg/kg	UJ
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Endrin	0.0017	mg/kg	UJ
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Endrin aldehyde	0.0017	mg/kg	UJ
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Endrin ketone	0.0017	mg/kg	UJ
21-11192	MD21-01-0004	3.0–3.5	Qbt3	BHC[gamma-]	0.0017	mg/kg	UJ
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Chlordane[gamma-]	0.0017	mg/kg	UJ
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Heptachlor	0.0017	mg/kg	UJ
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Heptachlor epoxide	0.0017	mg/kg	UJ
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Methoxychlor[4,4'-]	0.0034	mg/kg	UJ
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Toxaphene (technical grade)	0.068	mg/kg	UJ
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Aroclor-1016	0.034	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Aroclor-1221	0.034	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Aroclor-1232	0.034	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Aroclor-1242	0.034	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Aroclor-1248	0.034	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Aroclor-1254	0.034	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Aroclor-1260	0.034	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Tetrachloroethane[1,1,1,2-]	0.0053	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Trichloroethane[1,1,1-]	0.0053	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Tetrachloroethane[1,1,2,2-]	0.0053	mg/kg	UJ
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Trichloroethane[1,1,2-]	0.0053	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Dichloroethane[1,1-]	0.0053	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Dichloroethene[1,1-]	0.0053	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Dichloropropene[1,1-]	0.0053	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Trichloropropane[1,2,3-]	0.0053	mg/kg	UJ
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Trimethylbenzene[1,2,4-]	0.003	mg/kg	J
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Dibromo-3-chloropropane[1,2-]	0.011	mg/kg	UJ
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Dibromoethane[1,2-]	0.0053	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Dichlorobenzene[1,2-]	0.0053	mg/kg	UJ
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Dichloroethane[1,2-]	0.0053	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Dichloroethene[cis/trans-1,2-]	0.0053	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Dichloropropane[1,2-]	0.0053	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Trimethylbenzene[1,3,5-]	0.0053	mg/kg	UJ
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Dichlorobenzene[1,3-]	0.0053	mg/kg	UJ
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Dichloropropane[1,3-]	0.0053	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Dichlorobenzene[1,4-]	0.0053	mg/kg	UJ
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Dichloropropane[2,2-]	0.0053	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Butanone[2-]	0.0083	mg/kg	J
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Chlorotoluene[2-]	0.0053	mg/kg	UJ
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Hexanone[2-]	0.021	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Chlorotoluene[4-]	0.0053	mg/kg	UJ
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Isopropyltoluene[4-]	0.0053	mg/kg	UJ
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Methyl-2-pentanone[4-]	0.021	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Acetone	0.078	mg/kg	J
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Benzene	0.0053	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Bromobenzene	0.0053	mg/kg	UJ
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Bromochloromethane	0.0053	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Bromodichloromethane	0.0053	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Bromoform	0.0053	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Bromomethane	0.011	mg/kg	UJ
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Carbon disulfide	0.0053	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Carbon tetrachloride	0.0053	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Chlorobenzene	0.0053	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Chlorodibromomethane	0.0053	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Chloroethane	0.011	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Chloroform	0.0053	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Chloromethane	0.011	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Dichloropropene[cis-1,3-]	0.0053	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Dibromomethane	0.0053	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Dichlorodifluoromethane	0.011	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Ethylbenzene	0.0053	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Iodomethane	0.0053	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Isopropylbenzene	0.0025	mg/kg	J
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Methylene chloride	0.0053	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Butylbenzene[n-]	0.0053	mg/kg	UJ
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Propylbenzene[1-]	0.0053	mg/kg	UJ
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Butylbenzene[sec-]	0.0053	mg/kg	UJ
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Styrene	0.0053	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Butylbenzene[tert-]	0.0053	mg/kg	UJ
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Tetrachloroethene	0.0053	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Toluene	0.006	mg/kg	None
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Dichloropropene[trans-1,3-]	0.0053	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Trichloroethene	0.0053	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Trichlorofluoromethane	0.011	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Trichlorotrifluoroethane	0.0053	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Vinyl chloride	0.011	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Xylene (total)	0.0053	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Trichlorobenzene[1,2,4-]	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Dichlorobenzene[1,2-]	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Dichlorobenzene[1,3-]	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Dichlorobenzene[1,4-]	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Oxybis(1-chloropropane)[2,2'-]	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Trichlorophenol[2,4,5-]	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Trichlorophenol[2,4,6-]	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Dichlorophenol[2,4-]	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Dimethylphenol[2,4-]	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Dinitrophenol[2,4-]	1.6	mg/kg	UJ
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Dinitrotoluene[2,4-]	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Dinitrotoluene[2,6-]	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Chloronaphthalene[2-]	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Chlorophenol[2-]	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Methylnaphthalene[2-]	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Methylphenol[2-]	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Nitroaniline[2-]	1.6	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Nitrophenol[2-]	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Dichlorobenzidine[3,3'-]	1.6	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Nitroaniline[3-]	1.6	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Dinitro-2-methylphenol[4,6-]	1.6	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Bromophenyl-phenylether[4-]	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Chloro-3-methylphenol[4-]	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Chloroaniline[4-]	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Chlorophenyl-phenyl[4-] ether	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Methylphenol[4-]	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Nitroaniline[4-]	1.6	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Nitrophenol[4-]	1.6	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Acenaphthene	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Acenaphthylene	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Aniline	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Anthracene	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Azobenzene	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Benzo(a)anthracene	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Benzo(a)pyrene	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Benzo(b)fluoranthene	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Benzo(g,h,i)perylene	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Benzo(k)fluoranthene	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Benzoic acid	1.6	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Benzyl alcohol	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Bis(2-chloroethoxy)methane	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Bis(2-chloroethyl)ether	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Bis(2-ethylhexyl)phthalate	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Butylbenzylphthalate	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Chrysene	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Di-n-butylphthalate	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Di-n-octylphthalate	0.34	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Dibenz(a,h)anthracene	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Dibenzofuran	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Diethylphthalate	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Dimethyl phthalate	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Fluoranthene	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Fluorene	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Hexachlorobenzene	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Hexachlorobutadiene	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Hexachlorocyclopentadiene	1.6	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Hexachloroethane	0.34	mg/kg	UJ
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Indeno(1,2,3-cd)pyrene	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Isophorone	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Nitroso-di-n-propylamine[N-]	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Nitrosodimethylamine[N-]	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Nitrosodiphenylamine[N-]	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Naphthalene	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Nitrobenzene	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Pentachlorophenol	1.6	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Phenanthrene	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Phenol	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Pyrene	0.34	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Thorium-228	1.45	pCi/g	None
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Thorium-230	0.91	pCi/g	None
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Thorium-232	1.12	pCi/g	None
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Americium-241	0.012	pCi/g	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Uranium-234	0.76	pCi/g	None
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Uranium-235	0.047	pCi/g	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Uranium-238	0.7	pCi/g	J+
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Plutonium-238	-0.003	pCi/g	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Plutonium-239	-0.007	pCi/g	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Strontium-90	0.03	pCi/g	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Tritium	-0.21	pCi/g	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Gross alpha	3.25	pCi/g	None
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Gross beta	2.45	pCi/g	None
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Cesium-134	0.004	pCi/g	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Cesium-137	-0.025	pCi/g	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Cobalt-60	-0.03	pCi/g	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Europium-152	-0.1	pCi/g	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Ruthenium-106	0.08	pCi/g	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Silver	0.105	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Aluminum	610	mg/kg	None
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Arsenic	2.1	mg/kg	None
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Barium	12	mg/kg	None
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Beryllium	0.3	mg/kg	J
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Calcium	3300	mg/kg	None
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Cadmium	0.0327	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Cobalt	0.48	mg/kg	J
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Chromium	9.2	mg/kg	J
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Copper	1.1	mg/kg	None
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Iron	1900	mg/kg	None
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Mercury	0.0184	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Potassium	280	mg/kg	None
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Magnesium	530	mg/kg	None
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Sodium	160	mg/kg	None
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Nickel	5.2	mg/kg	None
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Lead	14	mg/kg	None
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Selenium	0.367	mg/kg	None
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Thallium	0.051	mg/kg	U
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Vanadium	1.7	mg/kg	None
21-11192	MD21-01-0004	3.0–3.5	Qbt3	Zinc	13	mg/kg	None
21-11193	MD21-01-0005	0.83–1.33	Qbt3	DDD[4,4'-]	0.0018	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	DDE[4,4'-]	0.0018	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	DDT[4,4'-]	0.0018	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Aldrin	0.0018	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	BHC[alpha-]	0.0018	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Chlordane[alpha-]	0.0018	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	BHC[beta-]	0.0018	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	BHC[delta-]	0.0018	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Dieldrin	0.0018	mg/kg	UJ
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Endosulfan I	0.0018	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Endosulfan II	0.0018	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Endosulfan sulfate	0.0018	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Endrin	0.0018	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Endrin aldehyde	0.0018	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Endrin ketone	0.0018	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	BHC[gamma-]	0.0018	mg/kg	UJ
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Chlordane[gamma-]	0.0018	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Heptachlor	0.0018	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Heptachlor epoxide	0.0018	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Methoxychlor[4,4'-]	0.0034	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Toxaphene (technical grade)	0.069	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Aroclor-1016	0.034	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Aroclor-1221	0.034	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Aroclor-1232	0.034	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Aroclor-1242	0.034	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Aroclor-1248	0.034	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Aroclor-1254	0.034	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Aroclor-1260	0.034	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Tetrachloroethane[1,1,1,2-]	0.0069	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Trichloroethane[1,1,1-]	0.0069	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Tetrachloroethane[1,1,2,2-]	0.0069	mg/kg	UJ
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Trichloroethane[1,1,2-]	0.0069	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Dichloroethane[1,1-]	0.0069	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Dichloroethene[1,1-]	0.0069	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Dichloropropene[1,1-]	0.0069	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Trichloropropane[1,2,3-]	0.0069	mg/kg	UJ
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Trimethylbenzene[1,2,4-]	0.0069	mg/kg	UJ
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Dibromo-3-chloropropane[1,2-]	0.014	mg/kg	UJ
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Dibromoethane[1,2-]	0.0069	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Dichlorobenzene[1,2-]	0.0069	mg/kg	UJ
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Dichloroethane[1,2-]	0.0069	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Dichloroethene[cis/trans-1,2-]	0.0069	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Dichloropropane[1,2-]	0.0069	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Trimethylbenzene[1,3,5-]	0.0069	mg/kg	UJ
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Dichlorobenzene[1,3-]	0.0069	mg/kg	UJ
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Dichloropropane[1,3-]	0.0069	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Dichlorobenzene[1,4-]	0.0069	mg/kg	UJ
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Dichloropropane[2,2-]	0.0069	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Butanone[2-]	0.014	mg/kg	J
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Chlorotoluene[2-]	0.0069	mg/kg	UJ
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Hexanone[2-]	0.028	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Chlorotoluene[4-]	0.0069	mg/kg	UJ
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Isopropyltoluene[4-]	0.0069	mg/kg	UJ
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Methyl-2-pentanone[4-]	0.028	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Acetone	0.035	mg/kg	J
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Benzene	0.0069	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Bromobenzene	0.0069	mg/kg	UJ
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Bromochloromethane	0.0069	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Bromodichloromethane	0.0069	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Bromoform	0.0069	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Bromomethane	0.014	mg/kg	UJ
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Carbon disulfide	0.0069	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Carbon tetrachloride	0.0069	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Chlorobenzene	0.0069	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Chlorodibromomethane	0.0069	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Chloroethane	0.014	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Chloroform	0.0069	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Chloromethane	0.014	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Dichloropropene[cis-1,3-]	0.0069	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Dibromomethane	0.0069	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Dichlorodifluoromethane	0.014	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Ethylbenzene	0.0069	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Iodomethane	0.0069	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Isopropylbenzene	0.0069	mg/kg	UJ
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Methylene chloride	0.0069	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Butylbenzene[n-]	0.0069	mg/kg	UJ
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Propylbenzene[1-]	0.0069	mg/kg	UJ
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Butylbenzene[sec-]	0.0069	mg/kg	UJ
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Styrene	0.0069	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Butylbenzene[tert-]	0.0069	mg/kg	UJ
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Tetrachloroethene	0.0069	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Toluene	0.0069	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Dichloropropene[trans-1,3-]	0.0069	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Trichloroethene	0.0069	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Trichlorofluoromethane	0.014	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Trichlorotrifluoroethane	0.0069	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Vinyl chloride	0.014	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Xylene (total)	0.0069	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Trichlorobenzene[1,2,4-]	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Dichlorobenzene[1,2-]	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Dichlorobenzene[1,3-]	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Dichlorobenzene[1,4-]	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Oxybis(1-chloropropane)[2,2'-]	0.34	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Trichlorophenol[2,4,5-]	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Trichlorophenol[2,4,6-]	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Dichlorophenol[2,4-]	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Dimethylphenol[2,4-]	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Dinitrophenol[2,4-]	1.7	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Dinitrotoluene[2,4-]	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Dinitrotoluene[2,6-]	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Chloronaphthalene[2-]	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Chlorophenol[2-]	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Methylnaphthalene[2-]	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Methylphenol[2-]	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Nitroaniline[2-]	1.7	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Nitrophenol[2-]	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Dichlorobenzidine[3,3'-]	1.7	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Nitroaniline[3-]	1.7	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Bromophenyl-phenylether[4-]	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Chloro-3-methylphenol[4-]	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Chloroaniline[4-]	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Chlorophenyl-phenyl[4-] ether	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Methylphenol[4-]	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Nitroaniline[4-]	1.7	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Nitrophenol[4-]	1.7	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Acenaphthene	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Acenaphthylene	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Aniline	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Anthracene	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Azobenzene	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Benzo(a)anthracene	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Benzo(a)pyrene	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Benzo(b)fluoranthene	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Benzo(g,h,i)perylene	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Benzo(k)fluoranthene	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Benzoic acid	1.7	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Benzyl alcohol	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Bis(2-chloroethoxy)methane	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Bis(2-chloroethyl)ether	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Bis(2-ethylhexyl)phthalate	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Butylbenzylphthalate	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Chrysene	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Di-n-butylphthalate	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Di-n-octylphthalate	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Dibenz(a,h)anthracene	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Dibenzofuran	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Diethylphthalate	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Dimethyl phthalate	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Fluoranthene	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Fluorene	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Hexachlorobenzene	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Hexachlorobutadiene	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Hexachlorocyclopentadiene	1.7	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Hexachloroethane	0.34	mg/kg	UJ
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Indeno(1,2,3-cd)pyrene	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Isophorone	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Nitroso-di-n-propylamine[N-]	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Nitrosodimethylamine[N-]	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Nitrosodiphenylamine[N-]	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Naphthalene	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Nitrobenzene	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Pentachlorophenol	1.7	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Phenanthrene	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Phenol	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Pyrene	0.34	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Thorium-228	1.4	pCi/g	None
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Thorium-230	0.93	pCi/g	None
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Thorium-232	1.41	pCi/g	None
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Americium-241	0.037	pCi/g	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Uranium-234	0.54	pCi/g	None
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Uranium-235	0.037	pCi/g	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Uranium-238	0.74	pCi/g	J+
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Plutonium-238	-7E-07	pCi/g	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Plutonium-239	0.008	pCi/g	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Strontium-90	-0.13	pCi/g	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Tritium	0.09	pCi/g	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Gross alpha	2.52	pCi/g	None
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Gross beta	1.87	pCi/g	None
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Cesium-134	-0.035	pCi/g	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Cesium-137	-0.032	pCi/g	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Cobalt-60	0.011	pCi/g	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Europium-152	0.36	pCi/g	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Ruthenium-106	0.1	pCi/g	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Silver	0.107	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Aluminum	500	mg/kg	None
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Arsenic	1.9	mg/kg	None
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Barium	11	mg/kg	None
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Beryllium	0.22	mg/kg	J
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Calcium	1700	mg/kg	None
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Cadmium	0.0333	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Cobalt	0.53	mg/kg	J
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Chromium	1.4	mg/kg	J
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Copper	2	mg/kg	None
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Iron	1900	mg/kg	None
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Mercury	0.0188	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Potassium	180	mg/kg	None
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Manganese	150	mg/kg	None
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Sodium	120	mg/kg	None
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Nickel	1.9	mg/kg	J
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Lead	3.6	mg/kg	None
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Selenium	0.308	mg/kg	None
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Thallium	0.0521	mg/kg	U
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Vanadium	1.5	mg/kg	None
21-11193	MD21-01-0005	0.83–1.33	Qbt3	Zinc	16	mg/kg	None

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Silver	0.106	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Aluminum	390	mg/kg	None
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Arsenic	1.4	mg/kg	None
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Barium	4.4	mg/kg	None
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Beryllium	0.15	mg/kg	J
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Calcium	380	mg/kg	None
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Cadmium	0.033	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Cobalt	0.34	mg/kg	J
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Chromium	2.3	mg/kg	None
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Copper	6	mg/kg	None
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Iron	960	mg/kg	None
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Mercury	0.0186	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Potassium	270	mg/kg	None
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Magnesium	130	mg/kg	None
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Manganese	86	mg/kg	None
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Sodium	180	mg/kg	None
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Nickel	2.4	mg/kg	None
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Lead	3.5	mg/kg	None
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Antimony	0.206	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Selenium	0.756	mg/kg	None
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Thallium	0.103	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Vanadium	0.86	mg/kg	None
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Zinc	17	mg/kg	None
21-11193	MD21-01-0007	4.0–5.5	Qbt3	DDD[4,4'-]	0.0017	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	DDE[4,4'-]	0.0017	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	DDT[4,4'-]	0.0017	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Aldrin	0.0017	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	BHC[alpha-]	0.0017	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Chlordane[alpha-]	0.0017	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	BHC[beta-]	0.0017	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	BHC[delta-]	0.0017	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Dieldrin	0.0017	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Endosulfan I	0.0017	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Endosulfan II	0.0017	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Endosulfan sulfate	0.0017	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Endrin	0.0017	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Endrin aldehyde	0.0017	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Endrin ketone	0.0017	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	BHC[gamma-]	0.0017	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Chlordane[gamma-]	0.0017	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Heptachlor	0.0017	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Heptachlor epoxide	0.0017	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Methoxychlor[4,4'-]	0.0034	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Toxaphene (technical grade)	0.069	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Aroclor-1016	0.034	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Aroclor-1221	0.034	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Aroclor-1232	0.034	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Aroclor-1242	0.034	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Aroclor-1248	0.034	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Aroclor-1254	0.034	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Aroclor-1260	0.034	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Tetrachloroethane[1,1,1,2-]	0.0062	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Trichloroethane[1,1,1-]	0.0062	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Tetrachloroethane[1,1,2,2-]	0.0062	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Trichloroethane[1,1,2-]	0.0062	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Dichloroethane[1,1-]	0.0062	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Dichloroethene[1,1-]	0.0062	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Dichloropropene[1,1-]	0.0062	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Trichloropropane[1,2,3-]	0.0062	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Trimethylbenzene[1,2,4-]	0.0062	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Dibromo-3-chloropropane[1,2-]	0.012	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Dibromoethane[1,2-]	0.0062	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Dichlorobenzene[1,2-]	0.0062	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Dichloroethane[1,2-]	0.0062	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Dichloroethene[cis/trans-1,2-]	0.0062	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Dichloropropane[1,2-]	0.0062	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Trimethylbenzene[1,3,5-]	0.0062	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Dichlorobenzene[1,3-]	0.0062	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Dichloropropane[1,3-]	0.0062	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Dichlorobenzene[1,4-]	0.0062	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Dichloropropane[2,2-]	0.0062	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Butanone[2-]	0.0095	mg/kg	J
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Chlorotoluene[2-]	0.0062	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Hexanone[2-]	0.025	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Chlorotoluene[4-]	0.0062	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Isopropyltoluene[4-]	0.0062	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Methyl-2-pentanone[4-]	0.025	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Acetone	0.022	mg/kg	J
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Benzene	0.0062	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Bromobenzene	0.0062	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Bromochloromethane	0.0062	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Bromodichloromethane	0.0062	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Bromoform	0.0062	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Bromomethane	0.012	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Carbon disulfide	0.0062	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Carbon tetrachloride	0.0062	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Chlorobenzene	0.0062	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Chlorodibromomethane	0.0062	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Chloroethane	0.012	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Chloroform	0.0062	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Chloromethane	0.012	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Dichloropropene[cis-1,3-]	0.0062	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Dibromomethane	0.0062	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Dichlorodifluoromethane	0.012	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Ethylbenzene	0.0062	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Iodomethane	0.0062	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Isopropylbenzene	0.0062	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Methylene chloride	0.0062	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Butylbenzene[n-]	0.0062	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Propylbenzene[1-]	0.0062	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Butylbenzene[sec-]	0.0062	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Styrene	0.0062	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Butylbenzene[tert-]	0.0062	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Tetrachloroethene	0.0062	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Toluene	0.0062	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Dichloropropene[trans-1,3-]	0.0062	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Trichloroethene	0.0062	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Trichlorofluoromethane	0.0018	mg/kg	J
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Trichlorotrifluoroethane	0.0062	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Vinyl chloride	0.012	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Xylene (total)	0.0062	mg/kg	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Trichlorobenzene[1,2,4-]	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Dichlorobenzene[1,2-]	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Dichlorobenzene[1,3-]	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Dichlorobenzene[1,4-]	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Oxybis(1-chloropropane)[2,2'-]	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Trichlorophenol[2,4,5-]	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Trichlorophenol[2,4,6-]	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Dichlorophenol[2,4-]	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Dimethylphenol[2,4-]	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Dinitrophenol[2,4-]	1.6	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Dinitrotoluene[2,4-]	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Dinitrotoluene[2,6-]	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Chloronaphthalene[2-]	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Chlorophenol[2-]	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Methylnaphthalene[2-]	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Methylphenol[2-]	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Nitroaniline[2-]	1.6	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Nitrophenol[2-]	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Dichlorobenzidine[3,3'-]	1.6	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Nitroaniline[3-]	1.6	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Dinitro-2-methylphenol[4,6-]	1.6	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Bromophenyl-phenylether[4-]	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Chloro-3-methylphenol[4-]	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Chloroaniline[4-]	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Chlorophenyl-phenyl[4-] ether	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Methylphenol[4-]	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Nitroaniline[4-]	1.6	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Nitrophenol[4-]	1.6	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Acenaphthene	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Acenaphthylene	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Aniline	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Anthracene	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Azobenzene	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Benzo(a)anthracene	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Benzo(a)pyrene	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Benzo(b)fluoranthene	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Benzo(g,h,i)perylene	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Benzo(k)fluoranthene	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Benzoic acid	1.6	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Benzyl alcohol	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Bis(2-chloroethoxy)methane	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Bis(2-chloroethyl)ether	0.34	mg/kg	UJ

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Bis(2-ethylhexyl)phthalate	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Butylbenzylphthalate	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Chrysene	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Di-n-butylphthalate	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Di-n-octylphthalate	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Dibenz(a,h)anthracene	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Dibenzofuran	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Diethylphthalate	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Dimethyl phthalate	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Fluoranthene	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Fluorene	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Hexachlorobenzene	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Hexachlorobutadiene	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Hexachlorocyclopentadiene	1.6	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Hexachloroethane	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Indeno(1,2,3-cd)pyrene	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Isophorone	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Nitroso-di-n-propylamine[N-]	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Nitrosodimethylamine[N-]	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Nitrosodiphenylamine[N-]	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Naphthalene	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Nitrobenzene	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Pentachlorophenol	1.6	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Phenanthrene	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Phenol	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Pyrene	0.34	mg/kg	UJ
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Americium-241	0.0015	pCi/g	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Plutonium-238	0.00139	pCi/g	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Plutonium-239	-0.00035	pCi/g	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Strontium-90	-0.0143	pCi/g	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Gross alpha	22.6	pCi/g	J-
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Gross beta	56.2	pCi/g	None
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Cobalt-60	-0.0179	pCi/g	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Cesium-134	0.00641	pCi/g	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Cesium-137	0.000387	pCi/g	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Europium-152	-0.0656	pCi/g	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Tritium	0.076701	pCi/g	None
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Ruthenium-106	0.0367	pCi/g	U
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Thorium-228	1.73	pCi/g	None
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Thorium-230	0.852	pCi/g	None
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Thorium-232	1.36	pCi/g	None
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Uranium-234	0.845	pCi/g	None
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Uranium-235	0.0198	pCi/g	J+
21-11193	MD21-01-0007	4.0–5.5	Qbt3	Uranium-238	0.883	pCi/g	None
21-11194	MD21-01-0008	0.83–1.33	FILL	Silver	0.23	mg/kg	J
21-11194	MD21-01-0008	0.83–1.33	FILL	Aluminum	5800	mg/kg	None
21-11194	MD21-01-0008	0.83–1.33	FILL	Arsenic	2.9	mg/kg	None
21-11194	MD21-01-0008	0.83–1.33	FILL	Barium	56	mg/kg	None
21-11194	MD21-01-0008	0.83–1.33	FILL	Beryllium	0.51	mg/kg	J
21-11194	MD21-01-0008	0.83–1.33	FILL	Calcium	7700	mg/kg	None
21-11194	MD21-01-0008	0.83–1.33	FILL	Cadmium	0.052	mg/kg	J

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11194	MD21-01-0008	0.83–1.33	FILL	Cobalt	1.7	mg/kg	None
21-11194	MD21-01-0008	0.83–1.33	FILL	Chromium	3.9	mg/kg	None
21-11194	MD21-01-0008	0.83–1.33	FILL	Copper	4	mg/kg	None
21-11194	MD21-01-0008	0.83–1.33	FILL	Iron	4400	mg/kg	None
21-11194	MD21-01-0008	0.83–1.33	FILL	Mercury	0.031	mg/kg	J
21-11194	MD21-01-0008	0.83–1.33	FILL	Potassium	790	mg/kg	None
21-11194	MD21-01-0008	0.83–1.33	FILL	Magnesium	960	mg/kg	None
21-11194	MD21-01-0008	0.83–1.33	FILL	Manganese	130	mg/kg	None
21-11194	MD21-01-0008	0.83–1.33	FILL	Sodium	81	mg/kg	None
21-11194	MD21-01-0008	0.83–1.33	FILL	Nickel	4.3	mg/kg	None
21-11194	MD21-01-0008	0.83–1.33	FILL	Lead	7.8	mg/kg	None
21-11194	MD21-01-0008	0.83–1.33	FILL	Antimony	0.238	mg/kg	UJ
21-11194	MD21-01-0008	0.83–1.33	FILL	Selenium	0.777	mg/kg	None
21-11194	MD21-01-0008	0.83–1.33	FILL	Thallium	0.146	mg/kg	J
21-11194	MD21-01-0008	0.83–1.33	FILL	Vanadium	6.9	mg/kg	None
21-11194	MD21-01-0008	0.83–1.33	FILL	Zinc	20	mg/kg	None
21-11194	MD21-01-0008	0.83–1.33	FILL	DDD[4,4'-]	0.002	mg/kg	UJ
21-11194	MD21-01-0008	0.83–1.33	FILL	DDE[4,4'-]	0.002	mg/kg	UJ
21-11194	MD21-01-0008	0.83–1.33	FILL	DDT[4,4'-]	0.002	mg/kg	UJ
21-11194	MD21-01-0008	0.83–1.33	FILL	Aldrin	0.002	mg/kg	UJ
21-11194	MD21-01-0008	0.83–1.33	FILL	BHC[alpha-]	0.002	mg/kg	UJ
21-11194	MD21-01-0008	0.83–1.33	FILL	Chlordane[alpha-]	0.002	mg/kg	UJ
21-11194	MD21-01-0008	0.83–1.33	FILL	BHC[beta-]	0.002	mg/kg	UJ
21-11194	MD21-01-0008	0.83–1.33	FILL	BHC[delta-]	0.002	mg/kg	UJ
21-11194	MD21-01-0008	0.83–1.33	FILL	Dieldrin	0.002	mg/kg	UJ
21-11194	MD21-01-0008	0.83–1.33	FILL	Endosulfan I	0.002	mg/kg	UJ
21-11194	MD21-01-0008	0.83–1.33	FILL	Endosulfan II	0.002	mg/kg	UJ
21-11194	MD21-01-0008	0.83–1.33	FILL	Endosulfan sulfate	0.002	mg/kg	UJ
21-11194	MD21-01-0008	0.83–1.33	FILL	Endrin	0.002	mg/kg	UJ
21-11194	MD21-01-0008	0.83–1.33	FILL	Endrin aldehyde	0.002	mg/kg	UJ
21-11194	MD21-01-0008	0.83–1.33	FILL	Endrin ketone	0.002	mg/kg	UJ
21-11194	MD21-01-0008	0.83–1.33	FILL	BHC[gamma-]	0.002	mg/kg	UJ
21-11194	MD21-01-0008	0.83–1.33	FILL	Chlordane[gamma-]	0.002	mg/kg	UJ
21-11194	MD21-01-0008	0.83–1.33	FILL	Heptachlor	0.002	mg/kg	UJ
21-11194	MD21-01-0008	0.83–1.33	FILL	Heptachlor epoxide	0.002	mg/kg	UJ
21-11194	MD21-01-0008	0.83–1.33	FILL	Methoxychlor[4,4'-]	0.0039	mg/kg	UJ
21-11194	MD21-01-0008	0.83–1.33	FILL	Toxaphene (technical grade)	0.079	mg/kg	UJ
21-11194	MD21-01-0008	0.83–1.33	FILL	Aroclor-1016	0.039	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Aroclor-1221	0.039	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Aroclor-1232	0.039	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Aroclor-1242	0.039	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Aroclor-1248	0.039	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Aroclor-1254	0.039	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Aroclor-1260	0.039	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Tetrachloroethane[1,1,1,2-]	0.0056	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Trichloroethane[1,1,1-]	0.0056	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Tetrachloroethane[1,1,2,2-]	0.0056	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Trichloroethane[1,1,2-]	0.0056	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Dichloroethane[1,1-]	0.0056	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Dichloroethene[1,1-]	0.0056	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Dichloropropene[1,1-]	0.0056	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11194	MD21-01-0008	0.83–1.33	FILL	Trichloropropane[1,2,3-]	0.0056	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Trimethylbenzene[1,2,4-]	0.0056	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Dibromo-3-chloropropane[1,2-]	0.011	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Dibromoethane[1,2-]	0.0056	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Dichlorobenzene[1,2-]	0.0056	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Dichloroethane[1,2-]	0.0056	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Dichloroethene[cis/trans-1,2-]	0.0056	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Dichloropropane[1,2-]	0.0056	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Trimethylbenzene[1,3,5-]	0.0056	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Dichlorobenzene[1,3-]	0.0056	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Dichloropropane[1,3-]	0.0056	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Dichlorobenzene[1,4-]	0.0056	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Dichloropropane[2,2-]	0.0056	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Butanone[2-]	0.023	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Chlorotoluene[2-]	0.0056	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Hexanone[2-]	0.023	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Chlorotoluene[4-]	0.0056	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Isopropyltoluene[4-]	0.0056	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Methyl-2-pentanone[4-]	0.023	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Acetone	0.023	mg/kg	UJ
21-11194	MD21-01-0008	0.83–1.33	FILL	Benzene	0.0056	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Bromobenzene	0.0056	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Bromochloromethane	0.0056	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Bromodichloromethane	0.0056	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Bromoform	0.0056	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Bromomethane	0.011	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Carbon disulfide	0.0056	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Carbon tetrachloride	0.0056	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Chlorobenzene	0.0056	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Chlorodibromomethane	0.0056	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Chloroethane	0.011	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Chloroform	0.0056	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Chloromethane	0.011	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Dichloropropene[cis-1,3-]	0.0056	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Dibromomethane	0.0056	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Dichlorodifluoromethane	0.011	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Ethylbenzene	0.0056	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Iodomethane	0.0056	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Isopropylbenzene	0.0056	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Methylene chloride	0.0056	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Butylbenzene[n-]	0.0056	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Propylbenzene[1-]	0.0056	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Butylbenzene[sec-]	0.0056	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Styrene	0.0056	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Butylbenzene[tert-]	0.0056	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Tetrachloroethene	0.0056	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Toluene	0.0056	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Dichloropropene[trans-1,3-]	0.0056	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Trichloroethene	0.0056	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Trichlorofluoromethane	0.011	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Trichlorotrifluoroethane	0.0056	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11194	MD21-01-0008	0.83–1.33	FILL	Vinyl chloride	0.011	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Xylene (total)	0.0056	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Trichlorobenzene[1,2,4-]	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Dichlorobenzene[1,2-]	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Dichlorobenzene[1,3-]	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Dichlorobenzene[1,4-]	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Oxybis(1-chloropropane)[2,2'-]	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Trichlorophenol[2,4,5-]	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Trichlorophenol[2,4,6-]	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Dichlorophenol[2,4-]	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Dimethylphenol[2,4-]	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Dinitrophenol[2,4-]	1.9	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Dinitrotoluene[2,4-]	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Dinitrotoluene[2,6-]	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Chloronaphthalene[2-]	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Chlorophenol[2-]	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Methylnaphthalene[2-]	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Methylphenol[2-]	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Nitroaniline[2-]	1.9	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Nitrophenol[2-]	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Dichlorobenzidine[3,3'-]	1.9	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Nitroaniline[3-]	1.9	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Dinitro-2-methylphenol[4,6-]	1.9	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Bromophenyl-phenylether[4-]	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Chloro-3-methylphenol[4-]	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Chloroaniline[4-]	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Chlorophenyl-phenyl[4-] ether	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Methylphenol[4-]	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Nitroaniline[4-]	1.9	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Nitrophenol[4-]	1.9	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Acenaphthene	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Acenaphthylene	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Aniline	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Anthracene	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Azobenzene	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Benzo(a)anthracene	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Benzo(a)pyrene	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Benzo(b)fluoranthene	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Benzo(g,h,i)perylene	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Benzo(k)fluoranthene	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Benzoic acid	1.9	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Benzyl alcohol	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Bis(2-chloroethoxy)methane	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Bis(2-chloroethyl)ether	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Bis(2-ethylhexyl)phthalate	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Butylbenzylphthalate	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Chrysene	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Di-n-butylphthalate	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Di-n-octylphthalate	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Dibenz(a,h)anthracene	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Dibenzofuran	0.39	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11194	MD21-01-0008	0.83–1.33	FILL	Diethylphthalate	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Dimethyl phthalate	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Fluoranthene	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Fluorene	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Hexachlorobenzene	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Hexachlorobutadiene	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Hexachlorocyclopentadiene	1.9	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Hexachloroethane	0.39	mg/kg	UJ
21-11194	MD21-01-0008	0.83–1.33	FILL	Indeno(1,2,3-cd)pyrene	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Isophorone	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Nitroso-di-n-propylamine[N-]	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Nitrosodimethylamine[N-]	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Nitrosodiphenylamine[N-]	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Naphthalene	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Nitrobenzene	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Pentachlorophenol	1.9	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Phenanthrene	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Phenol	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Pyrene	0.39	mg/kg	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Gross alpha	25.4	pCi/g	J-
21-11194	MD21-01-0008	0.83–1.33	FILL	Americium-241	0.00326	pCi/g	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Gross beta	42.4	pCi/g	None
21-11194	MD21-01-0008	0.83–1.33	FILL	Cobalt-60	-0.00858	pCi/g	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Cesium-134	0.00627	pCi/g	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Cesium-137	0.0216	pCi/g	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Europium-152	-0.0447	pCi/g	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Tritium	1.586667	pCi/g	None
21-11194	MD21-01-0008	0.83–1.33	FILL	Plutonium-238	-0.00041	pCi/g	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Plutonium-239	0.0362	pCi/g	None
21-11194	MD21-01-0008	0.83–1.33	FILL	Ruthenium-106	-0.169	pCi/g	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Strontium-90	0.188	pCi/g	U
21-11194	MD21-01-0008	0.83–1.33	FILL	Thorium-228	1.91	pCi/g	None
21-11194	MD21-01-0008	0.83–1.33	FILL	Thorium-230	0.947	pCi/g	None
21-11194	MD21-01-0008	0.83–1.33	FILL	Thorium-232	1.49	pCi/g	None
21-11194	MD21-01-0008	0.83–1.33	FILL	Uranium-234	0.939	pCi/g	None
21-11194	MD21-01-0008	0.83–1.33	FILL	Uranium-235	0.0344	pCi/g	J+
21-11194	MD21-01-0008	0.83–1.33	FILL	Uranium-238	0.863	pCi/g	None
21-11194	MD21-01-0009	4.0–4.5	Qbt3	DDD[4,4'-]	0.0018	mg/kg	UJ
21-11194	MD21-01-0009	4.0–4.5	Qbt3	DDE[4,4'-]	0.0018	mg/kg	UJ
21-11194	MD21-01-0009	4.0–4.5	Qbt3	DDT[4,4'-]	0.0018	mg/kg	UJ
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Aldrin	0.0018	mg/kg	UJ
21-11194	MD21-01-0009	4.0–4.5	Qbt3	BHC[alpha-]	0.0018	mg/kg	UJ
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Chlordane[alpha-]	0.0018	mg/kg	UJ
21-11194	MD21-01-0009	4.0–4.5	Qbt3	BHC[beta-]	0.0018	mg/kg	UJ
21-11194	MD21-01-0009	4.0–4.5	Qbt3	BHC[delta-]	0.0018	mg/kg	UJ
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Dieldrin	0.0018	mg/kg	UJ
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Endosulfan I	0.0018	mg/kg	UJ
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Endosulfan II	0.0018	mg/kg	UJ
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Endosulfan sulfate	0.0018	mg/kg	UJ
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Endrin	0.0018	mg/kg	UJ
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Endrin aldehyde	0.0018	mg/kg	UJ

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Endrin ketone	0.0018	mg/kg	UJ
21-11194	MD21-01-0009	4.0–4.5	Qbt3	BHC[gamma-]	0.0018	mg/kg	UJ
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Chlordane[gamma-]	0.0018	mg/kg	UJ
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Heptachlor	0.0018	mg/kg	UJ
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Heptachlor epoxide	0.0018	mg/kg	UJ
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Methoxychlor[4,4'-]	0.0035	mg/kg	UJ
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Toxaphene (technical grade)	0.071	mg/kg	UJ
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Aroclor-1016	0.035	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Aroclor-1221	0.035	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Aroclor-1232	0.035	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Aroclor-1242	0.035	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Aroclor-1248	0.035	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Aroclor-1254	0.035	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Aroclor-1260	0.035	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Silver	0.108	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Aluminum	670	mg/kg	None
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Arsenic	1.8	mg/kg	None
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Barium	7.7	mg/kg	None
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Beryllium	0.15	mg/kg	J
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Calcium	590	mg/kg	None
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Cadmium	0.0337	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Cobalt	0.34	mg/kg	J
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Chromium	7.7	mg/kg	None
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Copper	1.9	mg/kg	None
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Iron	1300	mg/kg	None
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Mercury	0.0189	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Potassium	220	mg/kg	None
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Magnesium	140	mg/kg	None
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Manganese	89	mg/kg	None
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Sodium	120	mg/kg	None
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Nickel	4.2	mg/kg	None
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Lead	3.5	mg/kg	None
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Antimony	0.211	mg/kg	UJ
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Selenium	0.7	mg/kg	None
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Thallium	0.105	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Vanadium	1.4	mg/kg	None
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Zinc	11	mg/kg	None
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Tetrachloroethane[1,1,1,2-]	0.0065	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Trichloroethane[1,1,1-]	0.0065	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Tetrachloroethane[1,1,2,2-]	0.0065	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Trichloroethane[1,1,2-]	0.0065	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Dichloroethane[1,1-]	0.0065	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Dichloroethene[1,1-]	0.0065	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Dichloropropene[1,1-]	0.0065	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Trichloropropane[1,2,3-]	0.0065	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Trimethylbenzene[1,2,4-]	0.0065	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Dibromo-3-chloropropane[1,2-]	0.013	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Dibromoethane[1,2-]	0.0065	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Dichlorobenzene[1,2-]	0.0065	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Dichloroethane[1,2-]	0.0065	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Dichloroethene[cis/trans-1,2-]	0.0065	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Dichloropropane[1,2-]	0.0065	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Trimethylbenzene[1,3,5-]	0.0065	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Dichlorobenzene[1,3-]	0.0065	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Dichloropropane[1,3-]	0.0065	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Dichlorobenzene[1,4-]	0.0065	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Dichloropropane[2,2-]	0.0065	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Butanone[2-]	0.011	mg/kg	J
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Chlorotoluene[2-]	0.0065	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Hexanone[2-]	0.026	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Chlorotoluene[4-]	0.0065	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Isopropyltoluene[4-]	0.0065	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Methyl-2-pentanone[4-]	0.026	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Acetone	0.024	mg/kg	J
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Benzene	0.0065	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Bromobenzene	0.0065	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Bromochloromethane	0.0065	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Bromodichloromethane	0.0065	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Bromoform	0.0065	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Bromomethane	0.013	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Carbon disulfide	0.0065	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Carbon tetrachloride	0.0065	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Chlorobenzene	0.0065	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Chlorodibromomethane	0.0065	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Chloroethane	0.013	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Chloroform	0.0065	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Chloromethane	0.013	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Dichloropropene[cis-1,3-]	0.0065	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Dibromomethane	0.0065	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Dichlorodifluoromethane	0.013	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Ethylbenzene	0.0065	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Iodomethane	0.0065	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Isopropylbenzene	0.0065	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Methylene chloride	0.0065	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Butylbenzene[n-]	0.0065	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Propylbenzene[1-]	0.0065	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Butylbenzene[sec-]	0.0065	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Styrene	0.0065	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Butylbenzene[tert-]	0.0065	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Tetrachloroethene	0.0065	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Toluene	0.0065	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Dichloropropene[trans-1,3-]	0.0065	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Trichloroethene	0.0065	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Trichlorofluoromethane	0.0016	mg/kg	J
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Trichlorotrifluoroethane	0.0065	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Vinyl chloride	0.013	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Xylene (total)	0.0065	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Trichlorobenzene[1,2,4-]	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Dichlorobenzene[1,2-]	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Dichlorobenzene[1,3-]	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Dichlorobenzene[1,4-]	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Trichlorophenol[2,4,5-]	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Trichlorophenol[2,4,6-]	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Dichlorophenol[2,4-]	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Dimethylphenol[2,4-]	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Dinitrophenol[2,4-]	1.7	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Dinitrotoluene[2,4-]	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Dinitrotoluene[2,6-]	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Chloronaphthalene[2-]	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Chlorophenol[2-]	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Methylnaphthalene[2-]	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Methylphenol[2-]	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Nitroaniline[2-]	1.7	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Nitrophenol[2-]	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Dichlorobenzidine[3,3'-]	1.7	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Nitroaniline[3-]	1.7	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Bromophenyl-phenylether[4-]	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Chloro-3-methylphenol[4-]	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Chloroaniline[4-]	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Chlorophenyl-phenyl[4-] ether	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Methylphenol[4-]	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Nitroaniline[4-]	1.7	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Nitrophenol[4-]	1.7	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Acenaphthene	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Acenaphthylene	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Aniline	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Anthracene	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Azobenzene	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Benzo(a)anthracene	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Benzo(a)pyrene	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Benzo(b)fluoranthene	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Benzo(g,h,i)perylene	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Benzo(k)fluoranthene	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Benzoic acid	1.7	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Benzyl alcohol	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Bis(2-chloroethoxy)methane	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Bis(2-chloroethyl)ether	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Bis(2-ethylhexyl)phthalate	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Butylbenzylphthalate	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Chrysene	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Di-n-butylphthalate	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Di-n-octylphthalate	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Dibenz(a,h)anthracene	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Dibenzofuran	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Diethylphthalate	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Dimethyl phthalate	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Fluoranthene	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Fluorene	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Hexachlorobenzene	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Hexachlorobutadiene	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Hexachlorocyclopentadiene	1.7	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Hexachloroethane	0.35	mg/kg	UJ
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Isophorone	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Nitrosodimethylamine[N-]	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Nitrosodiphenylamine[N-]	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Naphthalene	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Nitrobenzene	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Pentachlorophenol	1.7	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Phenanthrene	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Phenol	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Pyrene	0.35	mg/kg	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Thorium-228	1.74	pCi/g	None
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Thorium-230	0.904	pCi/g	None
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Thorium-232	1.54	pCi/g	None
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Uranium-234	0.935	pCi/g	None
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Uranium-235	0.0335	pCi/g	J+
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Uranium-238	0.889	pCi/g	None
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Gross alpha	22.7	pCi/g	J-
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Americium-241	0.00188	pCi/g	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Gross beta	54.2	pCi/g	None
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Cobalt-60	0.0167	pCi/g	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Cesium-134	0.0231	pCi/g	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Cesium-137	-0.00881	pCi/g	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Europium-152	0.0119	pCi/g	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Tritium	0.347895	pCi/g	None
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Plutonium-238	-0.00032	pCi/g	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Plutonium-239	0.00795	pCi/g	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Ruthenium-106	-0.117	pCi/g	U
21-11194	MD21-01-0009	4.0–4.5	Qbt3	Strontium-90	0.304	pCi/g	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Silver	0.13	mg/kg	J
21-11195	MD21-01-0011	2.67–4.0	FILL	Aluminum	10000	mg/kg	J
21-11195	MD21-01-0011	2.67–4.0	FILL	Arsenic	3.8	mg/kg	None
21-11195	MD21-01-0011	2.67–4.0	FILL	Barium	90	mg/kg	None
21-11195	MD21-01-0011	2.67–4.0	FILL	Beryllium	0.88	mg/kg	None
21-11195	MD21-01-0011	2.67–4.0	FILL	Calcium	3000	mg/kg	None
21-11195	MD21-01-0011	2.67–4.0	FILL	Cadmium	0.0381	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Cobalt	3	mg/kg	None
21-11195	MD21-01-0011	2.67–4.0	FILL	Chromium	6.3	mg/kg	J
21-11195	MD21-01-0011	2.67–4.0	FILL	Copper	4.8	mg/kg	J
21-11195	MD21-01-0011	2.67–4.0	FILL	Iron	7800	mg/kg	J
21-11195	MD21-01-0011	2.67–4.0	FILL	Mercury	0.093	mg/kg	J
21-11195	MD21-01-0011	2.67–4.0	FILL	Potassium	1200	mg/kg	J
21-11195	MD21-01-0011	2.67–4.0	FILL	Magnesium	1500	mg/kg	None
21-11195	MD21-01-0011	2.67–4.0	FILL	Sodium	440	mg/kg	J
21-11195	MD21-01-0011	2.67–4.0	FILL	Nickel	7.1	mg/kg	None
21-11195	MD21-01-0011	2.67–4.0	FILL	Lead	11	mg/kg	None
21-11195	MD21-01-0011	2.67–4.0	FILL	Selenium	0.326	mg/kg	J
21-11195	MD21-01-0011	2.67–4.0	FILL	Thallium	0.119	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Vanadium	12	mg/kg	None
21-11195	MD21-01-0011	2.67–4.0	FILL	Zinc	29	mg/kg	None

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11195	MD21-01-0011	2.67–4.0	FILL	DDD[4,4'-]	0.002	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	DDE[4,4'-]	0.002	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	DDT[4,4'-]	0.002	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Aldrin	0.002	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	BHC[alpha-]	0.002	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Chlordane[alpha-]	0.002	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	BHC[beta-]	0.002	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	BHC[delta-]	0.002	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Dieldrin	0.002	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Endosulfan I	0.002	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Endosulfan II	0.002	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Endosulfan sulfate	0.002	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Endrin	0.002	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Endrin aldehyde	0.002	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Endrin ketone	0.002	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	BHC[gamma-]	0.002	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Chlordane[gamma-]	0.002	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Heptachlor	0.002	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Heptachlor epoxide	0.002	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Methoxychlor[4,4'-]	0.0039	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Toxaphene (technical grade)	0.08	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Aroclor-1016	0.039	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Aroclor-1221	0.039	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Aroclor-1232	0.039	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Aroclor-1242	0.039	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Aroclor-1248	0.039	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Aroclor-1254	0.039	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Aroclor-1260	0.039	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Tetrachloroethane[1,1,1,2-]	0.0065	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Trichloroethane[1,1,1-]	0.0065	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Tetrachloroethane[1,1,2,2-]	0.0065	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Trichloroethane[1,1,2-]	0.0065	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Dichloroethane[1,1-]	0.0065	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Dichloroethene[1,1-]	0.0065	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Dichloropropene[1,1-]	0.0065	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Trichloropropane[1,2,3-]	0.0065	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Trimethylbenzene[1,2,4-]	0.0065	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Dibromo-3-chloropropane[1,2-]	0.013	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Dibromoethane[1,2-]	0.0065	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Dichlorobenzene[1,2-]	0.0065	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Dichloroethane[1,2-]	0.0065	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Dichloroethene[cis/trans-1,2-]	0.0065	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Dichloropropane[1,2-]	0.0065	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Trimethylbenzene[1,3,5-]	0.0065	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Dichlorobenzene[1,3-]	0.0065	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Dichloropropane[1,3-]	0.0065	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Dichlorobenzene[1,4-]	0.0065	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Dichloropropane[2,2-]	0.0065	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Butanone[2-]	0.026	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Chlorotoluene[2-]	0.0065	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Hexanone[2-]	0.026	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11195	MD21-01-0011	2.67–4.0	FILL	Chlorotoluene[4-]	0.0065	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Isopropyltoluene[4-]	0.0065	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Methyl-2-pentanone[4-]	0.026	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Acetone	0.014	mg/kg	J
21-11195	MD21-01-0011	2.67–4.0	FILL	Benzene	0.0065	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Bromobenzene	0.0065	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Bromochloromethane	0.0065	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Bromodichloromethane	0.0065	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Bromoform	0.0065	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Bromomethane	0.0034	mg/kg	J
21-11195	MD21-01-0011	2.67–4.0	FILL	Carbon disulfide	0.0065	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Carbon tetrachloride	0.0065	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Chlorobenzene	0.0065	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Chlorodibromomethane	0.0065	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Chloroethane	0.013	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Chloroform	0.0065	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Chloromethane	0.013	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Dichloropropene[cis-1,3-]	0.0065	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Dibromomethane	0.0065	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Dichlorodifluoromethane	0.013	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Ethylbenzene	0.0065	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Iodomethane	0.0065	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Isopropylbenzene	0.0065	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Methylene chloride	0.0065	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Butylbenzene[n-]	0.0065	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Propylbenzene[1-]	0.0065	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Butylbenzene[sec-]	0.0065	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Styrene	0.0065	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Butylbenzene[tert-]	0.0065	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Tetrachloroethene	0.0065	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Toluene	0.0065	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Dichloropropene[trans-1,3-]	0.0065	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Trichloroethene	0.0065	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Trichlorofluoromethane	0.013	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Trichlorotrifluoroethane	0.0065	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Vinyl chloride	0.013	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Xylene (total)	0.0065	mg/kg	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Trichlorobenzene[1,2,4-]	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Dichlorobenzene[1,2-]	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Dichlorobenzene[1,3-]	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Dichlorobenzene[1,4-]	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Oxybis(1-chloropropane)[2,2'-]	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Trichlorophenol[2,4,5-]	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Trichlorophenol[2,4,6-]	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Dichlorophenol[2,4-]	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Dimethylphenol[2,4-]	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Dinitrophenol[2,4-]	1.9	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Dinitrotoluene[2,4-]	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Dinitrotoluene[2,6-]	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Chloronaphthalene[2-]	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Chlorophenol[2-]	0.39	mg/kg	UJ

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11195	MD21-01-0011	2.67–4.0	FILL	Methylnaphthalene[2-]	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Methylphenol[2-]	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Nitroaniline[2-]	1.9	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Nitrophenol[2-]	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Dichlorobenzidine[3,3'-]	1.9	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Nitroaniline[3-]	1.9	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Dinitro-2-methylphenol[4,6-]	1.9	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Bromophenyl-phenylether[4-]	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Chloro-3-methylphenol[4-]	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Chloroaniline[4-]	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Chlorophenyl-phenyl[4-] ether	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Methylphenol[4-]	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Nitroaniline[4-]	1.9	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Nitrophenol[4-]	1.9	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Acenaphthene	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Acenaphthylene	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Aniline	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Anthracene	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Azobenzene	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Benzo(a)anthracene	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Benzo(a)pyrene	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Benzo(b)fluoranthene	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Benzo(g,h,i)perylene	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Benzo(k)fluoranthene	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Benzoic acid	1.9	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Benzyl alcohol	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Bis(2-chloroethoxy)methane	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Bis(2-chloroethyl)ether	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Bis(2-ethylhexyl)phthalate	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Butylbenzylphthalate	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Chrysene	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Di-n-butylphthalate	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Di-n-octylphthalate	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Dibenz(a,h)anthracene	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Dibenzofuran	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Diethylphthalate	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Dimethyl phthalate	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Fluoranthene	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Fluorene	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Hexachlorobenzene	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Hexachlorobutadiene	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Hexachlorocyclopentadiene	1.9	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Hexachloroethane	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Indeno(1,2,3-cd)pyrene	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Isophorone	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Nitroso-di-n-propylamine[N-]	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Nitrosodimethylamine[N-]	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Nitrosodiphenylamine[N-]	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Naphthalene	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Nitrobenzene	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Pentachlorophenol	1.9	mg/kg	UJ

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11195	MD21-01-0011	2.67–4.0	FILL	Phenanthrene	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Phenol	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Pyrene	0.39	mg/kg	UJ
21-11195	MD21-01-0011	2.67–4.0	FILL	Gross alpha	34.9	pCi/g	None
21-11195	MD21-01-0011	2.67–4.0	FILL	Americium-241	0.00164	pCi/g	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Gross beta	49.5	pCi/g	None
21-11195	MD21-01-0011	2.67–4.0	FILL	Cobalt-60	0.0158	pCi/g	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Cesium-134	0.0174	pCi/g	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Cesium-137	-0.0239	pCi/g	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Europium-152	-0.0602	pCi/g	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Tritium	147.0476	pCi/g	None
21-11195	MD21-01-0011	2.67–4.0	FILL	Plutonium-238	0	pCi/g	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Plutonium-239	0.00415	pCi/g	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Ruthenium-106	0.156	pCi/g	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Strontium-90	0.174	pCi/g	U
21-11195	MD21-01-0011	2.67–4.0	FILL	Thorium-228	2.05	pCi/g	None
21-11195	MD21-01-0011	2.67–4.0	FILL	Thorium-230	1.3	pCi/g	None
21-11195	MD21-01-0011	2.67–4.0	FILL	Thorium-232	2.01	pCi/g	None
21-11195	MD21-01-0011	2.67–4.0	FILL	Uranium-234	1.19	pCi/g	None
21-11195	MD21-01-0011	2.67–4.0	FILL	Uranium-235	0.0372	pCi/g	J+
21-11195	MD21-01-0011	2.67–4.0	FILL	Uranium-238	0.971	pCi/g	None
21-11195	MD21-01-0012	5.67–6.67	FILL	Silver	0.123	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Aluminum	13000	mg/kg	J
21-11195	MD21-01-0012	5.67–6.67	FILL	Arsenic	4	mg/kg	None
21-11195	MD21-01-0012	5.67–6.67	FILL	Barium	79	mg/kg	None
21-11195	MD21-01-0012	5.67–6.67	FILL	Beryllium	1.1	mg/kg	None
21-11195	MD21-01-0012	5.67–6.67	FILL	Calcium	4400	mg/kg	None
21-11195	MD21-01-0012	5.67–6.67	FILL	Cadmium	0.0381	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Cobalt	3.4	mg/kg	None
21-11195	MD21-01-0012	5.67–6.67	FILL	Chromium	10	mg/kg	J
21-11195	MD21-01-0012	5.67–6.67	FILL	Copper	6	mg/kg	J
21-11195	MD21-01-0012	5.67–6.67	FILL	Iron	9300	mg/kg	J
21-11195	MD21-01-0012	5.67–6.67	FILL	Mercury	0.0214	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Potassium	1900	mg/kg	J
21-11195	MD21-01-0012	5.67–6.67	FILL	Magnesium	2300	mg/kg	None
21-11195	MD21-01-0012	5.67–6.67	FILL	Sodium	800	mg/kg	None
21-11195	MD21-01-0012	5.67–6.67	FILL	Nickel	9.8	mg/kg	None
21-11195	MD21-01-0012	5.67–6.67	FILL	Lead	14	mg/kg	None
21-11195	MD21-01-0012	5.67–6.67	FILL	Selenium	0.357	mg/kg	J
21-11195	MD21-01-0012	5.67–6.67	FILL	Thallium	0.119	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Vanadium	12	mg/kg	None
21-11195	MD21-01-0012	5.67–6.67	FILL	Zinc	31	mg/kg	None
21-11195	MD21-01-0012	5.67–6.67	FILL	DDD[4,4'-]	0.002	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	DDE[4,4'-]	0.002	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	DDT[4,4'-]	0.002	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Aldrin	0.002	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	BHC[alpha-]	0.002	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Chlordane[alpha-]	0.002	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	BHC[beta-]	0.002	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	BHC[delta-]	0.002	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Dieldrin	0.002	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11195	MD21-01-0012	5.67–6.67	FILL	Endosulfan I	0.002	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Endosulfan II	0.002	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Endosulfan sulfate	0.002	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Endrin	0.002	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Endrin aldehyde	0.002	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Endrin ketone	0.002	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	BHC[gamma-]	0.002	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Chlordane[gamma-]	0.002	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Heptachlor	0.002	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Heptachlor epoxide	0.002	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Methoxychlor[4,4'-]	0.0039	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Toxaphene (technical grade)	0.079	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Aroclor-1016	0.039	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Aroclor-1221	0.039	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Aroclor-1232	0.039	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Aroclor-1242	0.039	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Aroclor-1248	0.039	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Aroclor-1254	0.039	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Aroclor-1260	0.039	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Tetrachloroethane[1,1,1,2-]	0.0059	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Trichloroethane[1,1,1-]	0.0059	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Tetrachloroethane[1,1,2,2-]	0.0059	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Trichloroethane[1,1,2-]	0.0059	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Dichloroethane[1,1-]	0.0059	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Dichloroethene[1,1-]	0.0059	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Dichloropropene[1,1-]	0.0059	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Trichloropropane[1,2,3-]	0.0059	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Trimethylbenzene[1,2,4-]	0.0059	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Dibromo-3-chloropropane[1,2-]	0.012	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Dibromoethane[1,2-]	0.0059	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Dichlorobenzene[1,2-]	0.0059	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Dichloroethane[1,2-]	0.0059	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Dichloroethene[cis/trans-1,2-]	0.0059	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Dichloropropane[1,2-]	0.0059	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Trimethylbenzene[1,3,5-]	0.0059	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Dichlorobenzene[1,3-]	0.0059	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Dichloropropane[1,3-]	0.0059	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Dichlorobenzene[1,4-]	0.0059	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Dichloropropane[2,2-]	0.0059	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Butanone[2-]	0.024	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Chlorotoluene[2-]	0.0059	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Hexanone[2-]	0.024	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Chlorotoluene[4-]	0.0059	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Isopropyltoluene[4-]	0.0059	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Methyl-2-pentanone[4-]	0.024	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Acetone	0.02	mg/kg	J
21-11195	MD21-01-0012	5.67–6.67	FILL	Benzene	0.0059	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Bromobenzene	0.0059	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Bromochloromethane	0.0059	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Bromodichloromethane	0.0059	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Bromoform	0.0059	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11195	MD21-01-0012	5.67–6.67	FILL	Bromomethane	0.012	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Carbon disulfide	0.0059	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Carbon tetrachloride	0.0059	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Chlorobenzene	0.0059	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Chlorodibromomethane	0.0059	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Chloroethane	0.012	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Chloroform	0.0059	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Chloromethane	0.012	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Dichloropropene[cis-1,3-]	0.0059	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Dibromomethane	0.0059	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Dichlorodifluoromethane	0.012	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Ethylbenzene	0.0059	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Iodomethane	0.0059	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Isopropylbenzene	0.0059	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Methylene chloride	0.0059	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Butylbenzene[n-]	0.0059	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Propylbenzene[1-]	0.0059	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Butylbenzene[sec-]	0.0059	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Styrene	0.0059	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Butylbenzene[tert-]	0.0059	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Tetrachloroethene	0.0059	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Toluene	0.0059	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Dichloropropene[trans-1,3-]	0.0059	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Trichloroethene	0.0059	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Trichlorofluoromethane	0.012	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Trichlorotrifluoroethane	0.0059	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Vinyl chloride	0.012	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Xylene (total)	0.0059	mg/kg	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Trichlorobenzene[1,2,4-]	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Dichlorobenzene[1,2-]	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Dichlorobenzene[1,3-]	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Dichlorobenzene[1,4-]	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Oxybis(1-chloropropane)[2,2'-]	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Trichlorophenol[2,4,5-]	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Trichlorophenol[2,4,6-]	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Dichlorophenol[2,4-]	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Dimethylphenol[2,4-]	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Dinitrophenol[2,4-]	1.9	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Dinitrotoluene[2,4-]	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Dinitrotoluene[2,6-]	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Chloronaphthalene[2-]	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Chlorophenol[2-]	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Methylnaphthalene[2-]	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Methylphenol[2-]	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Nitroaniline[2-]	1.9	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Nitrophenol[2-]	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Dichlorobenzidine[3,3'-]	1.9	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Nitroaniline[3-]	1.9	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Dinitro-2-methylphenol[4,6-]	1.9	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Bromophenyl-phenylether[4-]	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Chloro-3-methylphenol[4-]	0.39	mg/kg	UJ

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11195	MD21-01-0012	5.67–6.67	FILL	Chloroaniline[4-]	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Chlorophenyl-phenyl[4-] ether	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Methylphenol[4-]	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Nitroaniline[4-]	1.9	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Nitrophenol[4-]	1.9	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Acenaphthene	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Acenaphthylene	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Aniline	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Anthracene	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Azobenzene	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Benzo(a)anthracene	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Benzo(a)pyrene	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Benzo(b)fluoranthene	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Benzo(g,h,i)perylene	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Benzo(k)fluoranthene	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Benzoic acid	1.9	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Benzyl alcohol	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Bis(2-chloroethoxy)methane	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Bis(2-chloroethyl)ether	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Bis(2-ethylhexyl)phthalate	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Butylbenzylphthalate	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Chrysene	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Di-n-butylphthalate	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Di-n-octylphthalate	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Dibenz(a,h)anthracene	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Dibenzofuran	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Diethylphthalate	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Dimethyl phthalate	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Fluoranthene	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Fluorene	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Hexachlorobenzene	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Hexachlorobutadiene	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Hexachlorocyclopentadiene	1.9	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Hexachloroethane	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Indeno(1,2,3-cd)pyrene	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Isophorone	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Nitroso-di-n-propylamine[N-]	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Nitrosodimethylamine[N-]	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Nitrosodiphenylamine[N-]	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Naphthalene	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Nitrobenzene	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Pentachlorophenol	1.9	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Phenanthrene	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Phenol	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Pyrene	0.39	mg/kg	UJ
21-11195	MD21-01-0012	5.67–6.67	FILL	Gross alpha	25.2	pCi/g	None
21-11195	MD21-01-0012	5.67–6.67	FILL	Americium-241	0	pCi/g	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Gross beta	47.4	pCi/g	None
21-11195	MD21-01-0012	5.67–6.67	FILL	Cobalt-60	0.0334	pCi/g	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Cesium-134	0.00975	pCi/g	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Cesium-137	-0.0192	pCi/g	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11195	MD21-01-0012	5.67–6.67	FILL	Europium-152	-0.0956	pCi/g	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Tritium	186.4762	pCi/g	None
21-11195	MD21-01-0012	5.67–6.67	FILL	Plutonium-238	-0.00035	pCi/g	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Plutonium-239	0.00631	pCi/g	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Ruthenium-106	-0.0962	pCi/g	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Strontium-90	0.0994	pCi/g	U
21-11195	MD21-01-0012	5.67–6.67	FILL	Thorium-228	2.17	pCi/g	None
21-11195	MD21-01-0012	5.67–6.67	FILL	Thorium-230	1.43	pCi/g	None
21-11195	MD21-01-0012	5.67–6.67	FILL	Thorium-232	1.93	pCi/g	None
21-11195	MD21-01-0012	5.67–6.67	FILL	Uranium-234	0.815	pCi/g	None
21-11195	MD21-01-0012	5.67–6.67	FILL	Uranium-235	0.0333	pCi/g	J+
21-11195	MD21-01-0012	5.67–6.67	FILL	Uranium-238	0.816	pCi/g	None
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Silver	0.51	mg/kg	J
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Aluminum	6600	mg/kg	J
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Arsenic	2.6	mg/kg	None
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Barium	58	mg/kg	None
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Beryllium	0.57	mg/kg	J
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Calcium	3600	mg/kg	None
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Cadmium	0.071	mg/kg	J
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Cobalt	2	mg/kg	None
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Chromium	4.3	mg/kg	J
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Copper	4.2	mg/kg	J
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Iron	5500	mg/kg	J
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Mercury	0.25	mg/kg	None
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Potassium	850	mg/kg	J
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Magnesium	1100	mg/kg	None
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Sodium	140	mg/kg	J
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Nickel	4.6	mg/kg	None
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Lead	11	mg/kg	None
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Selenium	0.327	mg/kg	J
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Thallium	0.12	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Vanadium	6.9	mg/kg	None
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Zinc	30	mg/kg	None
21-11196	MD21-01-0013	3.0–3.5	Qbt3	DDD[4,4'-]	0.002	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	DDE[4,4'-]	0.002	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	DDT[4,4'-]	0.002	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Aldrin	0.002	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	BHC[alpha-]	0.002	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Chlordane[alpha-]	0.002	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	BHC[beta-]	0.002	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	BHC[delta-]	0.002	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Dieldrin	0.002	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Endosulfan I	0.002	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Endosulfan II	0.002	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Endosulfan sulfate	0.002	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Endrin	0.002	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Endrin aldehyde	0.002	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Endrin ketone	0.002	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	BHC[gamma-]	0.002	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Chlordane[gamma-]	0.002	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Heptachlor	0.002	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Heptachlor epoxide	0.002	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Methoxychlor[4,4'-]	0.0039	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Toxaphene (technical grade)	0.08	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Aroclor-1016	0.039	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Aroclor-1221	0.039	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Aroclor-1232	0.039	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Aroclor-1242	0.039	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Aroclor-1248	0.039	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Aroclor-1254	0.039	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Aroclor-1260	0.039	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Tetrachloroethane[1,1,1,2-]	0.0068	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Trichloroethane[1,1,1-]	0.0068	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Tetrachloroethane[1,1,2,2-]	0.0068	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Trichloroethane[1,1,2-]	0.0068	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Dichloroethane[1,1-]	0.0068	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Dichloroethene[1,1-]	0.0068	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Dichloropropene[1,1-]	0.0068	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Trichloropropane[1,2,3-]	0.0068	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Trimethylbenzene[1,2,4-]	0.0068	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Dibromo-3-chloropropane[1,2-]	0.014	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Dibromoethane[1,2-]	0.0068	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Dichlorobenzene[1,2-]	0.0068	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Dichloroethane[1,2-]	0.0068	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Dichloroethene[cis/trans-1,2-]	0.0068	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Dichloropropane[1,2-]	0.0068	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Trimethylbenzene[1,3,5-]	0.0068	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Dichlorobenzene[1,3-]	0.0068	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Dichloropropane[1,3-]	0.0068	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Dichlorobenzene[1,4-]	0.0068	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Dichloropropane[2,2-]	0.0068	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Butanone[2-]	0.0042	mg/kg	J
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Chlorotoluene[2-]	0.0068	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Hexanone[2-]	0.027	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Chlorotoluene[4-]	0.0068	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Isopropyltoluene[4-]	0.0068	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Methyl-2-pentanone[4-]	0.027	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Acetone	0.022	mg/kg	J
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Benzene	0.0068	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Bromobenzene	0.0068	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Bromochloromethane	0.0068	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Bromodichloromethane	0.0068	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Bromoform	0.0068	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Bromomethane	0.014	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Carbon disulfide	0.0068	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Carbon tetrachloride	0.0068	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Chlorobenzene	0.0068	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Chlorodibromomethane	0.0068	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Chloroethane	0.014	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Chloroform	0.0068	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Chloromethane	0.014	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Dichloropropene[cis-1,3-]	0.0068	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Dibromomethane	0.0068	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Dichlorodifluoromethane	0.014	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Ethylbenzene	0.0068	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Iodomethane	0.0068	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Isopropylbenzene	0.0068	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Methylene chloride	0.0068	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Butylbenzene[n-]	0.0068	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Propylbenzene[1-]	0.0068	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Butylbenzene[sec-]	0.0068	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Styrene	0.0068	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Butylbenzene[tert-]	0.0068	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Tetrachloroethene	0.0068	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Toluene	0.0068	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Dichloropropene[trans-1,3-]	0.0068	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Trichloroethene	0.0068	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Trichlorofluoromethane	0.014	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Trichlorotrifluoroethane	0.0068	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Vinyl chloride	0.014	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Xylene (total)	0.0068	mg/kg	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Trichlorobenzene[1,2,4-]	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Dichlorobenzene[1,2-]	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Dichlorobenzene[1,3-]	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Dichlorobenzene[1,4-]	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Oxybis(1-chloropropane)[2,2'-]	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Trichlorophenol[2,4,5-]	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Trichlorophenol[2,4,6-]	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Dichlorophenol[2,4-]	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Dimethylphenol[2,4-]	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Dinitrophenol[2,4-]	1.9	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Dinitrotoluene[2,4-]	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Dinitrotoluene[2,6-]	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Chloronaphthalene[2-]	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Chlorophenol[2-]	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Methylnaphthalene[2-]	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Methylphenol[2-]	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Nitroaniline[2-]	1.9	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Nitrophenol[2-]	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Dichlorobenzidine[3,3'-]	1.9	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Nitroaniline[3-]	1.9	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Dinitro-2-methylphenol[4,6-]	1.9	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Bromophenyl-phenylether[4-]	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Chloro-3-methylphenol[4-]	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Chloroaniline[4-]	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Chlorophenyl-phenyl[4-] ether	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Methylphenol[4-]	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Nitroaniline[4-]	1.9	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Nitrophenol[4-]	1.9	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Acenaphthene	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Acenaphthylene	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Aniline	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Anthracene	0.39	mg/kg	UJ

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Azobenzene	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Benzo(a)anthracene	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Benzo(a)pyrene	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Benzo(b)fluoranthene	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Benzo(g,h,i)perylene	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Benzo(k)fluoranthene	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Benzoic acid	1.9	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Benzyl alcohol	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Bis(2-chloroethoxy)methane	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Bis(2-chloroethyl)ether	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Bis(2-ethylhexyl)phthalate	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Butylbenzylphthalate	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Chrysene	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Di-n-butylphthalate	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Di-n-octylphthalate	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Dibenz(a,h)anthracene	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Dibenzofuran	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Diethylphthalate	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Dimethyl phthalate	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Fluoranthene	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Fluorene	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Hexachlorobenzene	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Hexachlorobutadiene	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Hexachlorocyclopentadiene	1.9	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Hexachloroethane	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Indeno(1,2,3-cd)pyrene	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Isophorone	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Nitroso-di-n-propylamine[N-]	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Nitrosodimethylamine[N-]	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Nitrosodiphenylamine[N-]	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Naphthalene	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Nitrobenzene	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Pentachlorophenol	1.9	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Phenanthrene	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Phenol	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Pyrene	0.39	mg/kg	UJ
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Gross alpha	29.8	pCi/g	None
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Americium-241	0.00362	pCi/g	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Gross beta	51.7	pCi/g	None
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Cobalt-60	0.000164	pCi/g	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Cesium-134	0.000132	pCi/g	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Cesium-137	0.00271	pCi/g	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Europium-152	-0.0798	pCi/g	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Tritium	1.826667	pCi/g	None
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Plutonium-238	0	pCi/g	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Plutonium-239	0.059	pCi/g	None
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Ruthenium-106	-0.0547	pCi/g	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Strontium-90	0.0467	pCi/g	U
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Thorium-228	2.56	pCi/g	None
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Thorium-230	2.27	pCi/g	None
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Thorium-232	2.46	pCi/g	None

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Uranium-234	1.9	pCi/g	None
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Uranium-235	0.0819	pCi/g	J+
21-11196	MD21-01-0013	3.0–3.5	Qbt3	Uranium-238	1.87	pCi/g	None
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Silver	0.27	mg/kg	J
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Aluminum	1800	mg/kg	J
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Arsenic	1.8	mg/kg	None
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Barium	17	mg/kg	None
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Beryllium	0.22	mg/kg	J
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Calcium	1200	mg/kg	None
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Cadmium	0.0372	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Cobalt	0.62	mg/kg	J
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Chromium	6.5	mg/kg	J
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Copper	2	mg/kg	J
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Iron	3100	mg/kg	J
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Mercury	0.0209	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Potassium	350	mg/kg	J
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Magnesium	410	mg/kg	None
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Sodium	230	mg/kg	J
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Nickel	3.8	mg/kg	None
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Lead	5.4	mg/kg	None
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Selenium	0.658	mg/kg	None
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Thallium	0.116	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Vanadium	2.4	mg/kg	None
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Zinc	17	mg/kg	None
21-11196	MD21-01-0014	4.5–5.5	Qbt3	DDD[4,4'-]	0.0021	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	DDE[4,4'-]	0.0021	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	DDT[4,4'-]	0.0021	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Aldrin	0.0021	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	BHC[alpha-]	0.0021	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Chlordane[alpha-]	0.0021	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	BHC[beta-]	0.0021	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	BHC[delta-]	0.0021	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Dieldrin	0.0021	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Endosulfan I	0.0021	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Endosulfan II	0.0021	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Endosulfan sulfate	0.0021	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Endrin	0.0021	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Endrin aldehyde	0.0021	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Endrin ketone	0.0021	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	BHC[gamma-]	0.0021	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Chlordane[gamma-]	0.0021	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Heptachlor	0.0021	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Heptachlor epoxide	0.0021	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Methoxychlor[4,4'-]	0.004	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Toxaphene (technical grade)	0.082	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Aroclor-1016	0.04	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Aroclor-1221	0.04	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Aroclor-1232	0.04	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Aroclor-1242	0.04	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Aroclor-1248	0.04	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Aroclor-1254	0.04	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Aroclor-1260	0.04	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Tetrachloroethane[1,1,1,2-]	0.007	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Trichloroethane[1,1,1-]	0.007	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Tetrachloroethane[1,1,2,2-]	0.007	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Trichloroethane[1,1,2-]	0.007	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Dichloroethane[1,1-]	0.007	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Dichloroethene[1,1-]	0.007	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Dichloropropene[1,1-]	0.007	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Trichloropropane[1,2,3-]	0.007	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Trimethylbenzene[1,2,4-]	0.007	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Dibromo-3-chloropropane[1,2-]	0.014	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Dibromoethane[1,2-]	0.007	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Dichlorobenzene[1,2-]	0.007	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Dichloroethane[1,2-]	0.007	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Dichloroethene[cis/trans-1,2-]	0.007	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Dichloropropane[1,2-]	0.007	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Trimethylbenzene[1,3,5-]	0.007	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Dichlorobenzene[1,3-]	0.007	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Dichloropropane[1,3-]	0.007	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Dichlorobenzene[1,4-]	0.007	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Dichloropropane[2,2-]	0.007	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Butanone[2-]	0.028	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Chlorotoluene[2-]	0.007	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Hexanone[2-]	0.028	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Chlorotoluene[4-]	0.007	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Isopropyltoluene[4-]	0.007	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Methyl-2-pentanone[4-]	0.028	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Acetone	0.028	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Benzene	0.007	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Bromobenzene	0.007	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Bromochloromethane	0.007	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Bromodichloromethane	0.007	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Bromoform	0.007	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Bromomethane	0.014	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Carbon disulfide	0.007	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Carbon tetrachloride	0.007	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Chlorobenzene	0.007	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Chlorodibromomethane	0.007	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Chloroethane	0.014	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Chloroform	0.007	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Chloromethane	0.014	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Dichloropropene[cis-1,3-]	0.007	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Dibromomethane	0.007	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Dichlorodifluoromethane	0.014	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Ethylbenzene	0.007	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Iodomethane	0.007	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Isopropylbenzene	0.007	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Methylene chloride	0.007	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Butylbenzene[n-]	0.007	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Propylbenzene[1-]	0.007	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Butylbenzene[sec-]	0.007	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Styrene	0.007	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Butylbenzene[tert-]	0.007	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Tetrachloroethene	0.007	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Toluene	0.007	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Dichloropropene[trans-1,3-]	0.007	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Trichloroethene	0.007	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Trichlorofluoromethane	0.014	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Trichlorotrifluoroethane	0.007	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Vinyl chloride	0.014	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Xylene (total)	0.007	mg/kg	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Trichlorobenzene[1,2,4-]	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Dichlorobenzene[1,2-]	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Dichlorobenzene[1,3-]	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Dichlorobenzene[1,4-]	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Oxybis(1-chloropropane)[2,2'-]	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Trichlorophenol[2,4,5-]	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Trichlorophenol[2,4,6-]	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Dichlorophenol[2,4-]	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Dimethylphenol[2,4-]	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Dinitrophenol[2,4-]	2	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Dinitrotoluene[2,4-]	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Dinitrotoluene[2,6-]	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Chloronaphthalene[2-]	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Chlorophenol[2-]	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Methylnaphthalene[2-]	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Methylphenol[2-]	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Nitroaniline[2-]	2	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Nitrophenol[2-]	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Dichlorobenzidine[3,3'-]	2	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Nitroaniline[3-]	2	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Dinitro-2-methylphenol[4,6-]	2	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Bromophenyl-phenylether[4-]	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Chloro-3-methylphenol[4-]	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Chloroaniline[4-]	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Chlorophenyl-phenyl[4-] ether	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Methylphenol[4-]	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Nitroaniline[4-]	2	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Nitrophenol[4-]	2	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Acenaphthene	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Acenaphthylene	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Aniline	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Anthracene	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Azobenzene	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Benzo(a)anthracene	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Benzo(a)pyrene	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Benzo(b)fluoranthene	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Benzo(g,h,i)perylene	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Benzo(k)fluoranthene	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Benzoic acid	2	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Benzyl alcohol	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Bis(2-chloroethoxy)methane	0.4	mg/kg	UJ

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Bis(2-chloroethyl)ether	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Bis(2-ethylhexyl)phthalate	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Butylbenzylphthalate	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Chrysene	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Di-n-butylphthalate	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Di-n-octylphthalate	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Dibenz(a,h)anthracene	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Dibenzofuran	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Diethylphthalate	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Dimethyl phthalate	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Fluoranthene	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Fluorene	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Hexachlorobenzene	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Hexachlorobutadiene	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Hexachlorocyclopentadiene	2	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Hexachloroethane	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Indeno(1,2,3-cd)pyrene	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Isophorone	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Nitroso-di-n-propylamine[N-]	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Nitrosodimethylamine[N-]	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Nitrosodiphenylamine[N-]	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Naphthalene	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Nitrobenzene	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Pentachlorophenol	2	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Phenanthrene	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Phenol	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Pyrene	0.4	mg/kg	UJ
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Gross alpha	36.6	pCi/g	None
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Americium-241	0.00188	pCi/g	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Gross beta	53.7	pCi/g	None
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Cobalt-60	-0.0216	pCi/g	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Cesium-134	0.0168	pCi/g	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Cesium-137	-0.0217	pCi/g	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Europium-152	0.033	pCi/g	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Tritium	3.841463	pCi/g	None
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Plutonium-238	-0.00062	pCi/g	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Plutonium-239	0.024	pCi/g	None
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Ruthenium-106	0.0253	pCi/g	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Strontium-90	-0.0151	pCi/g	U
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Thorium-228	2.28	pCi/g	None
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Thorium-230	1.94	pCi/g	None
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Thorium-232	1.98	pCi/g	None
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Uranium-234	1.62	pCi/g	None
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Uranium-235	0.0809	pCi/g	J+
21-11196	MD21-01-0014	4.5–5.5	Qbt3	Uranium-238	1.67	pCi/g	None
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Endrin ketone	0.0018	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Heptachlor	0.0018	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Heptachlor epoxide	0.0018	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Methoxychlor[4,4'-]	0.0034	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Toxaphene (technical grade)	0.069	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Aldrin	0.0018	mg/kg	UJ

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11197	MD21-01-0015	2.33–3.33	Qbt3	BHC[alpha-]	0.0018	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	BHC[beta-]	0.0018	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	BHC[delta-]	0.0018	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	BHC[gamma-]	0.0018	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Chlordane[alpha-]	0.0018	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Chlordane[gamma-]	0.0018	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	DDD[4,4'-]	0.0018	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	DDE[4,4'-]	0.0018	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	DDT[4,4'-]	0.0018	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Dieldrin	0.0018	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Endosulfan I	0.0018	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Endosulfan II	0.0018	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Endosulfan sulfate	0.0018	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Endrin	0.0018	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Endrin aldehyde	0.0018	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	DDD[4,4'-]	0.0018	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	DDE[4,4'-]	0.0018	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	DDT[4,4'-]	0.0018	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Aldrin	0.0018	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	BHC[alpha-]	0.0018	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Chlordane[alpha-]	0.0018	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	BHC[beta-]	0.0018	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	BHC[delta-]	0.0018	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Dieldrin	0.0018	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Endosulfan I	0.0018	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Endosulfan II	0.0018	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Endosulfan sulfate	0.0018	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Endrin	0.0018	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Endrin aldehyde	0.0018	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Endrin ketone	0.0018	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	BHC[gamma-]	0.0018	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Chlordane[gamma-]	0.0018	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Heptachlor	0.0018	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Heptachlor epoxide	0.0018	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Methoxychlor[4,4'-]	0.0034	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Toxaphene (technical grade)	0.069	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Aroclor-1016	0.034	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Aroclor-1221	0.034	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Aroclor-1232	0.034	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Aroclor-1242	0.034	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Aroclor-1248	0.034	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Aroclor-1254	0.034	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Aroclor-1260	0.034	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Tetrachloroethane[1,1,1,2-]	0.006	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Trichloroethane[1,1,1-]	0.006	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Tetrachloroethane[1,1,2,2-]	0.006	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Trichloroethane[1,1,2-]	0.006	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Dichloroethane[1,1-]	0.006	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Dichloroethene[1,1-]	0.006	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Dichloropropene[1,1-]	0.006	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Trichloropropane[1,2,3-]	0.006	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Trimethylbenzene[1,2,4-]	0.006	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Dibromo-3-chloropropane[1,2-]	0.012	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Dibromoethane[1,2-]	0.006	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Dichlorobenzene[1,2-]	0.006	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Dichloroethane[1,2-]	0.006	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Dichloroethene[cis/trans-1,2-]	0.006	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Dichloropropane[1,2-]	0.006	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Trimethylbenzene[1,3,5-]	0.006	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Dichlorobenzene[1,3-]	0.006	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Dichloropropane[1,3-]	0.006	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Dichlorobenzene[1,4-]	0.006	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Dichloropropane[2,2-]	0.006	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Butanone[2-]	0.024	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Chlorotoluene[2-]	0.006	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Hexanone[2-]	0.024	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Chlorotoluene[4-]	0.006	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Isopropyltoluene[4-]	0.006	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Methyl-2-pentanone[4-]	0.024	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Acetone	0.024	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Benzene	0.006	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Bromobenzene	0.006	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Bromochloromethane	0.006	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Bromodichloromethane	0.006	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Bromoform	0.006	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Bromomethane	0.012	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Carbon disulfide	0.006	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Carbon tetrachloride	0.006	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Chlorobenzene	0.006	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Chlorodibromomethane	0.006	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Chloroethane	0.012	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Chloroform	0.006	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Chloromethane	0.012	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Dichloropropene[cis-1,3-]	0.006	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Dibromomethane	0.006	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Dichlorodifluoromethane	0.012	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Ethylbenzene	0.006	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Iodomethane	0.006	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Isopropylbenzene	0.006	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Methylene chloride	0.006	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Butylbenzene[n-]	0.006	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Propylbenzene[1-]	0.006	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Butylbenzene[sec-]	0.006	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Styrene	0.006	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Butylbenzene[tert-]	0.006	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Tetrachloroethene	0.006	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Toluene	0.006	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Dichloropropene[trans-1,3-]	0.006	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Trichloroethene	0.006	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Trichlorofluoromethane	0.012	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Trichlorotrifluoroethane	0.006	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Vinyl chloride	0.012	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Xylene (total)	0.006	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Trichlorobenzene[1,2,4-]	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Dichlorobenzene[1,2-]	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Dichlorobenzene[1,3-]	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Dichlorobenzene[1,4-]	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Oxybis(1-chloropropane)[2,2'-]	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Trichlorophenol[2,4,5-]	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Trichlorophenol[2,4,6-]	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Dichlorophenol[2,4-]	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Dimethylphenol[2,4-]	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Dinitrophenol[2,4-]	1.7	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Dinitrotoluene[2,4-]	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Dinitrotoluene[2,6-]	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Chloronaphthalene[2-]	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Chlorophenol[2-]	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Methylnaphthalene[2-]	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Methylphenol[2-]	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Nitroaniline[2-]	1.7	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Nitrophenol[2-]	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Dichlorobenzidine[3,3'-]	1.7	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Nitroaniline[3-]	1.7	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Bromophenyl-phenylether[4-]	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Chloro-3-methylphenol[4-]	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Chloroaniline[4-]	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Chlorophenyl-phenyl[4-] ether	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Methylphenol[4-]	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Nitroaniline[4-]	1.7	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Nitrophenol[4-]	1.7	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Acenaphthene	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Acenaphthylene	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Aniline	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Anthracene	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Azobenzene	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Benzo(a)anthracene	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Benzo(a)pyrene	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Benzo(b)fluoranthene	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Benzo(g,h,i)perylene	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Benzo(k)fluoranthene	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Benzoic acid	1.7	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Benzyl alcohol	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Bis(2-chloroethoxy)methane	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Bis(2-chloroethyl)ether	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Bis(2-ethylhexyl)phthalate	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Butylbenzylphthalate	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Chrysene	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Di-n-butylphthalate	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Di-n-octylphthalate	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Dibenz(a,h)anthracene	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Dibenzofuran	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Diethylphthalate	0.34	mg/kg	UJ

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Dimethyl phthalate	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Fluoranthene	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Fluorene	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Hexachlorobenzene	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Hexachlorobutadiene	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Hexachlorocyclopentadiene	1.7	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Hexachloroethane	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Indeno(1,2,3-cd)pyrene	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Isophorone	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Nitroso-di-n-propylamine[N-]	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Nitrosodimethylamine[N-]	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Nitrosodiphenylamine[N-]	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Naphthalene	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Nitrobenzene	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Pentachlorophenol	1.7	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Phenanthrene	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Phenol	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Pyrene	0.34	mg/kg	UJ
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Silver	0.106	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Aluminum	2100	mg/kg	None
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Arsenic	2.2	mg/kg	None
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Barium	17	mg/kg	None
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Beryllium	0.29	mg/kg	J
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Calcium	570	mg/kg	None
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Cadmium	0.033	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Cobalt	0.65	mg/kg	J
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Chromium	13	mg/kg	None
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Copper	1.7	mg/kg	None
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Iron	2400	mg/kg	None
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Mercury	0.0186	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Potassium	360	mg/kg	None
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Magnesium	480	mg/kg	None
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Sodium	74	mg/kg	None
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Nickel	9.7	mg/kg	None
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Lead	4.9	mg/kg	None
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Selenium	0.577	mg/kg	None
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Thallium	0.103	mg/kg	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Vanadium	2.9	mg/kg	None
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Zinc	15	mg/kg	None
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Gross alpha	21.6	pCi/g	None
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Americium-241	0.00332	pCi/g	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Gross beta	54.2	pCi/g	None
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Cobalt-60	0.00785	pCi/g	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Cesium-134	-0.0104	pCi/g	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Cesium-137	-0.00142	pCi/g	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Europium-152	-0.0254	pCi/g	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Tritium	1.43029	pCi/g	None
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Plutonium-238	0	pCi/g	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Plutonium-239	0.00201	pCi/g	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Ruthenium-106	0.0413	pCi/g	U
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Strontium-90	0.0038	pCi/g	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Thorium-228	1.69	pCi/g	None
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Thorium-230	1.05	pCi/g	None
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Thorium-232	1.66	pCi/g	None
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Uranium-234	0.829	pCi/g	None
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Uranium-235	0.0254	pCi/g	J-
21-11197	MD21-01-0015	2.33–3.33	Qbt3	Uranium-238	0.765	pCi/g	None
21-11197	MD21-01-0016	5.33–6.33	Qbt3	DDD[4,4'-]	0.0019	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	DDE[4,4'-]	0.0019	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	DDT[4,4'-]	0.0019	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Aldrin	0.0019	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	BHC[alpha-]	0.0019	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Chlordane[alpha-]	0.0019	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	BHC[beta-]	0.0019	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	BHC[delta-]	0.0019	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Dieldrin	0.0019	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Endosulfan I	0.0019	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Endosulfan II	0.0019	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Endosulfan sulfate	0.0019	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Endrin	0.0019	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Endrin aldehyde	0.0019	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Endrin ketone	0.0019	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	BHC[gamma-]	0.0019	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Chlordane[gamma-]	0.0019	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Heptachlor	0.0019	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Heptachlor epoxide	0.0019	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Methoxychlor[4,4'-]	0.0037	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Toxaphene (technical grade)	0.075	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Aroclor-1016	0.037	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Aroclor-1221	0.037	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Aroclor-1232	0.037	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Aroclor-1242	0.037	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Aroclor-1248	0.037	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Aroclor-1254	0.037	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Aroclor-1260	0.037	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Tetrachloroethane[1,1,1,2-]	0.0068	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Trichloroethane[1,1,1-]	0.0068	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Tetrachloroethane[1,1,2,2-]	0.0068	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Trichloroethane[1,1,2-]	0.0068	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Dichloroethane[1,1-]	0.0068	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Dichloroethene[1,1-]	0.0068	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Dichloropropene[1,1-]	0.0068	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Trichloropropane[1,2,3-]	0.0068	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Trimethylbenzene[1,2,4-]	0.0068	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Dibromo-3-chloropropane[1,2-]	0.014	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Dibromoethane[1,2-]	0.0068	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Dichlorobenzene[1,2-]	0.0068	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Dichloroethane[1,2-]	0.0068	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Dichloroethene[cis/trans-1,2-]	0.0068	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Dichloropropane[1,2-]	0.0068	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Trimethylbenzene[1,3,5-]	0.0068	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Dichlorobenzene[1,3-]	0.0068	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Dichloropropane[1,3-]	0.0068	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Dichlorobenzene[1,4-]	0.0068	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Dichloropropane[2,2-]	0.0068	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Butanone[2-]	0.0054	mg/kg	J
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Chlorotoluene[2-]	0.0068	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Hexanone[2-]	0.027	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Chlorotoluene[4-]	0.0068	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Isopropyltoluene[4-]	0.0068	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Methyl-2-pentanone[4-]	0.027	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Acetone	0.027	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Benzene	0.0068	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Bromobenzene	0.0068	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Bromochloromethane	0.0068	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Bromodichloromethane	0.0068	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Bromoform	0.0068	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Bromomethane	0.014	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Carbon disulfide	0.0068	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Carbon tetrachloride	0.0068	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Chlorobenzene	0.0068	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Chlorodibromomethane	0.0068	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Chloroethane	0.014	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Chloroform	0.0068	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Chloromethane	0.014	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Dichloropropene[cis-1,3-]	0.0068	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Dibromomethane	0.0068	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Dichlorodifluoromethane	0.014	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Ethylbenzene	0.0068	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Iodomethane	0.0068	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Isopropylbenzene	0.0068	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Methylene chloride	0.0068	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Butylbenzene[n-]	0.0068	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Propylbenzene[1-]	0.0068	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Butylbenzene[sec-]	0.0068	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Styrene	0.0068	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Butylbenzene[tert-]	0.0068	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Tetrachloroethene	0.0068	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Toluene	0.0068	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Dichloropropene[trans-1,3-]	0.0068	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Trichloroethene	0.0068	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Trichlorofluoromethane	0.014	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Trichlorotrifluoroethane	0.0068	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Vinyl chloride	0.014	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Xylene (total)	0.0068	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Trichlorobenzene[1,2,4-]	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Dichlorobenzene[1,2-]	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Dichlorobenzene[1,3-]	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Dichlorobenzene[1,4-]	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Oxybis(1-chloropropane)[2,2'-]	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Trichlorophenol[2,4,5-]	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Trichlorophenol[2,4,6-]	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Dichlorophenol[2,4-]	0.37	mg/kg	UJ

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Dimethylphenol[2,4-]	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Dinitrophenol[2,4-]	1.8	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Dinitrotoluene[2,4-]	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Dinitrotoluene[2,6-]	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Chloronaphthalene[2-]	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Chlorophenol[2-]	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Methylnaphthalene[2-]	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Methylphenol[2-]	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Nitroaniline[2-]	1.8	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Nitrophenol[2-]	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Dichlorobenzidine[3,3'-]	1.8	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Nitroaniline[3-]	1.8	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Dinitro-2-methylphenol[4,6-]	1.8	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Bromophenyl-phenylether[4-]	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Chloro-3-methylphenol[4-]	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Chloroaniline[4-]	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Chlorophenyl-phenyl[4-] ether	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Methylphenol[4-]	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Nitroaniline[4-]	1.8	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Nitrophenol[4-]	1.8	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Acenaphthene	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Acenaphthylene	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Aniline	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Anthracene	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Azobenzene	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Benzo(a)anthracene	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Benzo(a)pyrene	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Benzo(b)fluoranthene	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Benzo(g,h,i)perylene	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Benzo(k)fluoranthene	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Benzoic acid	1.8	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Benzyl alcohol	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Bis(2-chloroethoxy)methane	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Bis(2-chloroethyl)ether	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Bis(2-ethylhexyl)phthalate	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Butylbenzylphthalate	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Chrysene	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Di-n-butylphthalate	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Di-n-octylphthalate	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Dibenz(a,h)anthracene	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Dibenzofuran	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Diethylphthalate	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Dimethyl phthalate	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Fluoranthene	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Fluorene	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Hexachlorobenzene	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Hexachlorobutadiene	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Hexachlorocyclopentadiene	1.8	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Hexachloroethane	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Indeno(1,2,3-cd)pyrene	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Isophorone	0.37	mg/kg	UJ

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Nitroso-di-n-propylamine[N-]	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Nitrosodimethylamine[N-]	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Nitrosodiphenylamine[N-]	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Naphthalene	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Nitrobenzene	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Pentachlorophenol	1.8	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Phenanthrene	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Phenol	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Pyrene	0.37	mg/kg	UJ
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Silver	0.104	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Aluminum	740	mg/kg	None
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Arsenic	2	mg/kg	None
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Barium	10	mg/kg	None
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Beryllium	0.2	mg/kg	J
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Calcium	2000	mg/kg	None
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Cadmium	0.0323	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Cobalt	0.36	mg/kg	J
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Chromium	4.8	mg/kg	None
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Copper	1.5	mg/kg	None
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Iron	1800	mg/kg	None
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Mercury	0.0182	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Potassium	270	mg/kg	None
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Magnesium	350	mg/kg	None
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Sodium	120	mg/kg	None
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Nickel	3.4	mg/kg	None
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Lead	6.1	mg/kg	None
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Selenium	0.533	mg/kg	None
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Thallium	0.101	mg/kg	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Vanadium	1.3	mg/kg	None
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Zinc	14	mg/kg	None
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Gross alpha	22.6	pCi/g	None
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Americium-241	-0.00037	pCi/g	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Gross beta	50.2	pCi/g	None
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Cobalt-60	-0.00158	pCi/g	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Cesium-134	-0.00559	pCi/g	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Cesium-137	-0.0115	pCi/g	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Europium-152	0.0299	pCi/g	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Tritium	3.3	pCi/g	None
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Plutonium-238	-0.00035	pCi/g	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Plutonium-239	-0.00035	pCi/g	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Ruthenium-106	0.0575	pCi/g	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Strontium-90	0.0742	pCi/g	U
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Thorium-228	1.65	pCi/g	None
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Thorium-230	0.862	pCi/g	None
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Thorium-232	1.69	pCi/g	None
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Uranium-234	0.85	pCi/g	None
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Uranium-235	0.0278	pCi/g	J-
21-11197	MD21-01-0016	5.33–6.33	Qbt3	Uranium-238	0.81	pCi/g	None
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Endrin ketone	0.0019	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Heptachlor	0.0019	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Heptachlor epoxide	0.0019	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Methoxychlor[4,4'-]	0.0037	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Toxaphene (technical grade)	0.075	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Aldrin	0.0019	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	BHC[alpha-]	0.0019	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	BHC[beta-]	0.0019	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	BHC[delta-]	0.0019	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	BHC[gamma-]	0.0019	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Chlordane[alpha-]	0.0019	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Chlordane[gamma-]	0.0019	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	DDD[4,4'-]	0.0019	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	DDE[4,4'-]	0.0019	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	DDT[4,4'-]	0.0019	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Dieldrin	0.0019	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Endosulfan I	0.0019	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Endosulfan II	0.0019	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Endosulfan sulfate	0.0019	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Endrin	0.0019	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Endrin aldehyde	0.0019	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	DDD[4,4'-]	0.0019	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	DDE[4,4'-]	0.0019	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	DDT[4,4'-]	0.0019	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Aldrin	0.0019	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	BHC[alpha-]	0.0019	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Chlordane[alpha-]	0.0019	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	BHC[beta-]	0.0019	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	BHC[delta-]	0.0019	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Dieldrin	0.0019	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Endosulfan I	0.0019	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Endosulfan II	0.0019	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Endosulfan sulfate	0.0019	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Endrin	0.0019	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Endrin aldehyde	0.0019	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Endrin ketone	0.0019	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	BHC[gamma-]	0.0019	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Chlordane[gamma-]	0.0019	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Heptachlor	0.0019	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Heptachlor epoxide	0.0019	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Methoxychlor[4,4'-]	0.0037	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Toxaphene (technical grade)	0.075	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Aroclor-1016	0.037	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Aroclor-1221	0.037	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Aroclor-1232	0.037	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Aroclor-1242	0.037	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Aroclor-1248	0.037	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Aroclor-1254	0.037	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Aroclor-1260	0.037	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Tetrachloroethane[1,1,1,2-]	0.0062	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Trichloroethane[1,1,1-]	0.0062	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Tetrachloroethane[1,1,2,2-]	0.0062	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Trichloroethane[1,1,2-]	0.0062	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Dichloroethane[1,1-]	0.0062	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Dichloroethene[1,1-]	0.0062	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Dichloropropene[1,1-]	0.0062	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Trichloropropane[1,2,3-]	0.0062	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Trimethylbenzene[1,2,4-]	0.0062	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Dibromo-3-chloropropane[1,2-]	0.012	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Dibromoethane[1,2-]	0.0062	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Dichlorobenzene[1,2-]	0.0062	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Dichloroethane[1,2-]	0.0062	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Dichloroethene[cis/trans-1,2-]	0.0062	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Dichloropropane[1,2-]	0.0062	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Trimethylbenzene[1,3,5-]	0.0062	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Dichlorobenzene[1,3-]	0.0062	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Dichloropropane[1,3-]	0.0062	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Dichlorobenzene[1,4-]	0.0062	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Dichloropropane[2,2-]	0.0062	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Butanone[2-]	0.0051	mg/kg	J+
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Chlorotoluene[2-]	0.0062	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Hexanone[2-]	0.025	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Chlorotoluene[4-]	0.0062	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Isopropyltoluene[4-]	0.0062	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Methyl-2-pentanone[4-]	0.025	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Acetone	0.023	mg/kg	J+
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Benzene	0.0062	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Bromobenzene	0.0062	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Bromochloromethane	0.0062	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Bromodichloromethane	0.0062	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Bromoform	0.0062	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Bromomethane	0.012	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Carbon disulfide	0.0062	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Carbon tetrachloride	0.0062	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Chlorobenzene	0.0062	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Chlorodibromomethane	0.0062	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Chloroethane	0.012	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Chloroform	0.0062	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Chloromethane	0.012	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Dichloropropene[cis-1,3-]	0.0062	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Dibromomethane	0.0062	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Dichlorodifluoromethane	0.012	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Ethylbenzene	0.0062	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Iodomethane	0.0062	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Isopropylbenzene	0.0062	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Methylene chloride	0.0062	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Butylbenzene[n-]	0.0062	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Propylbenzene[1-]	0.0062	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Butylbenzene[sec-]	0.0062	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Styrene	0.0062	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Butylbenzene[tert-]	0.0062	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Tetrachloroethene	0.0062	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Toluene	0.0062	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Dichloropropene[trans-1,3-]	0.0062	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Trichloroethene	0.0062	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Trichlorofluoromethane	0.012	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Trichlorotrifluoroethane	0.0062	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Vinyl chloride	0.012	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Xylene (total)	0.0062	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Trichlorobenzene[1,2,4-]	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Dichlorobenzene[1,2-]	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Dichlorobenzene[1,3-]	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Dichlorobenzene[1,4-]	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Oxybis(1-chloropropane)[2,2'-]	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Trichlorophenol[2,4,5-]	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Trichlorophenol[2,4,6-]	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Dichlorophenol[2,4-]	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Dimethylphenol[2,4-]	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Dinitrophenol[2,4-]	1.8	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Dinitrotoluene[2,4-]	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Dinitrotoluene[2,6-]	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Chloronaphthalene[2-]	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Chlorophenol[2-]	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Methylnaphthalene[2-]	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Methylphenol[2-]	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Nitroaniline[2-]	1.8	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Nitrophenol[2-]	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Dichlorobenzidine[3,3'-]	1.8	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Nitroaniline[3-]	1.8	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Dinitro-2-methylphenol[4,6-]	1.8	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Bromophenyl-phenylether[4-]	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Chloro-3-methylphenol[4-]	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Chloroaniline[4-]	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Chlorophenyl-phenyl[4-] ether	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Methylphenol[4-]	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Nitroaniline[4-]	1.8	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Nitrophenol[4-]	1.8	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Acenaphthene	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Acenaphthylene	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Aniline	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Anthracene	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Azobenzene	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Benzo(a)anthracene	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Benzo(a)pyrene	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Benzo(b)fluoranthene	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Benzo(g,h,i)perylene	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Benzo(k)fluoranthene	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Benzoic acid	1.8	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Benzyl alcohol	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Bis(2-chloroethoxy)methane	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Bis(2-chloroethyl)ether	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Bis(2-ethylhexyl)phthalate	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Butylbenzylphthalate	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Chrysene	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Di-n-butylphthalate	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Di-n-octylphthalate	0.37	mg/kg	UJ

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Dibenz(a,h)anthracene	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Dibenzofuran	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Diethylphthalate	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Dimethyl phthalate	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Fluoranthene	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Fluorene	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Hexachlorobenzene	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Hexachlorobutadiene	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Hexachlorocyclopentadiene	1.8	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Hexachloroethane	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Indeno(1,2,3-cd)pyrene	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Isophorone	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Nitroso-di-n-propylamine[N-]	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Nitrosodimethylamine[N-]	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Nitrosodiphenylamine[N-]	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Naphthalene	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Nitrobenzene	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Pentachlorophenol	1.8	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Phenanthrene	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Phenol	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Pyrene	0.37	mg/kg	UJ
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Silver	0.25	mg/kg	J
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Aluminum	3600	mg/kg	None
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Arsenic	3.6	mg/kg	None
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Barium	160	mg/kg	None
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Beryllium	0.35	mg/kg	J
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Calcium	73000	mg/kg	None
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Cadmium	0.064	mg/kg	J
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Cobalt	0.93	mg/kg	J
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Chromium	3.3	mg/kg	None
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Copper	3.9	mg/kg	None
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Iron	2500	mg/kg	None
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Mercury	0.039	mg/kg	J
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Potassium	490	mg/kg	None
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Magnesium	2400	mg/kg	None
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Sodium	120	mg/kg	None
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Nickel	5.6	mg/kg	None
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Lead	6.8	mg/kg	None
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Selenium	0.681	mg/kg	None
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Thallium	0.112	mg/kg	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Vanadium	4.5	mg/kg	None
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Zinc	12	mg/kg	None
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Uranium-234	0.921	pCi/g	None
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Uranium-235	0.032	pCi/g	J-
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Uranium-238	0.829	pCi/g	None
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Gross alpha	20.4	pCi/g	None
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Americium-241	0.00191	pCi/g	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Gross beta	49.5	pCi/g	None
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Cobalt-60	0.0323	pCi/g	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Cesium-134	0.000168	pCi/g	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Cesium-137	0.00832	pCi/g	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Europium-152	-0.0492	pCi/g	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Tritium	3.6	pCi/g	None
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Plutonium-238	-0.00136	pCi/g	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Plutonium-239	-0.00136	pCi/g	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Ruthenium-106	-0.102	pCi/g	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Strontium-90	-0.00399	pCi/g	U
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Thorium-228	1.33	pCi/g	None
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Thorium-230	0.951	pCi/g	None
21-11198	MD21-01-0017	2.33–3.33	Qbt3	Thorium-232	1.25	pCi/g	None
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Endrin ketone	0.0017	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Heptachlor	0.0017	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Heptachlor epoxide	0.0017	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Methoxychlor[4,4'-]	0.0033	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Toxaphene (technical grade)	0.068	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Aldrin	0.0017	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	BHC[alpha-]	0.0017	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	BHC[beta-]	0.0017	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	BHC[delta-]	0.0017	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	BHC[gamma-]	0.0017	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Chlordane[alpha-]	0.0017	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Chlordane[gamma-]	0.0017	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	DDD[4,4'-]	0.0017	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	DDE[4,4'-]	0.0017	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	DDT[4,4'-]	0.0017	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Dieldrin	0.0017	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Endosulfan I	0.0017	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Endosulfan II	0.0017	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Endosulfan sulfate	0.0017	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Endrin	0.0017	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Endrin aldehyde	0.0017	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	DDD[4,4'-]	0.0017	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	DDE[4,4'-]	0.0017	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	DDT[4,4'-]	0.0017	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Aldrin	0.0017	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	BHC[alpha-]	0.0017	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Chlordane[alpha-]	0.0017	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	BHC[beta-]	0.0017	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	BHC[delta-]	0.0017	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Dieldrin	0.0017	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Endosulfan I	0.0017	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Endosulfan II	0.0017	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Endosulfan sulfate	0.0017	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Endrin	0.0017	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Endrin aldehyde	0.0017	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Endrin ketone	0.0017	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	BHC[gamma-]	0.0017	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Chlordane[gamma-]	0.0017	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Heptachlor	0.0017	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Heptachlor epoxide	0.0017	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Methoxychlor[4,4'-]	0.0033	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Toxaphene (technical grade)	0.068	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Aroclor-1016	0.033	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Aroclor-1221	0.033	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Aroclor-1232	0.033	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Aroclor-1242	0.033	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Aroclor-1248	0.033	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Aroclor-1254	0.033	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Aroclor-1260	0.033	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Tetrachloroethane[1,1,1,2-]	0.0058	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Trichloroethane[1,1,1-]	0.0058	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Tetrachloroethane[1,1,2,2-]	0.0058	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Trichloroethane[1,1,2-]	0.0058	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Dichloroethane[1,1-]	0.0058	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Dichloroethene[1,1-]	0.0058	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Dichloropropene[1,1-]	0.0058	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Trichloropropane[1,2,3-]	0.0058	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Trimethylbenzene[1,2,4-]	0.0058	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Dibromo-3-chloropropane[1,2-]	0.012	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Dibromoethane[1,2-]	0.0058	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Dichlorobenzene[1,2-]	0.0058	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Dichloroethane[1,2-]	0.0058	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Dichloroethene[cis/trans-1,2-]	0.0058	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Dichloropropane[1,2-]	0.0058	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Trimethylbenzene[1,3,5-]	0.0058	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Dichlorobenzene[1,3-]	0.0058	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Dichloropropane[1,3-]	0.0058	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Dichlorobenzene[1,4-]	0.0058	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Dichloropropane[2,2-]	0.0058	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Butanone[2-]	0.023	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Chlorotoluene[2-]	0.0058	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Hexanone[2-]	0.023	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Chlorotoluene[4-]	0.0058	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Isopropyltoluene[4-]	0.0058	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Methyl-2-pentanone[4-]	0.023	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Acetone	0.023	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Benzene	0.0058	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Bromobenzene	0.0058	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Bromochloromethane	0.0058	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Bromodichloromethane	0.0058	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Bromoform	0.0058	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Bromomethane	0.012	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Carbon disulfide	0.0058	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Carbon tetrachloride	0.0058	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Chlorobenzene	0.0058	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Chlorodibromomethane	0.0058	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Chloroethane	0.012	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Chloroform	0.0058	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Chloromethane	0.012	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Dichloropropene[cis-1,3-]	0.0058	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Dibromomethane	0.0058	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Dichlorodifluoromethane	0.012	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Ethylbenzene	0.0058	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Iodomethane	0.0058	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Isopropylbenzene	0.0058	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Methylene chloride	0.0058	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Butylbenzene[n-]	0.0058	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Propylbenzene[1-]	0.0058	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Butylbenzene[sec-]	0.0058	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Styrene	0.0058	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Butylbenzene[tert-]	0.0058	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Tetrachloroethene	0.0058	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Toluene	0.0058	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Dichloropropene[trans-1,3-]	0.0058	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Trichloroethene	0.0058	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Trichlorofluoromethane	0.012	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Trichlorotrifluoroethane	0.0058	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Vinyl chloride	0.012	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Xylene (total)	0.0058	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Trichlorobenzene[1,2,4-]	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Dichlorobenzene[1,2-]	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Dichlorobenzene[1,3-]	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Dichlorobenzene[1,4-]	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Oxybis(1-chloropropane)[2,2'-]	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Trichlorophenol[2,4,5-]	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Trichlorophenol[2,4,6-]	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Dichlorophenol[2,4-]	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Dimethylphenol[2,4-]	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Dinitrophenol[2,4-]	1.6	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Dinitrotoluene[2,4-]	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Dinitrotoluene[2,6-]	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Chloronaphthalene[2-]	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Chlorophenol[2-]	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Methylnaphthalene[2-]	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Methylphenol[2-]	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Nitroaniline[2-]	1.6	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Nitrophenol[2-]	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Dichlorobenzidine[3,3'-]	1.6	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Nitroaniline[3-]	1.6	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Dinitro-2-methylphenol[4,6-]	1.6	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Bromophenyl-phenylether[4-]	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Chloro-3-methylphenol[4-]	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Chloroaniline[4-]	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Chlorophenyl-phenyl[4-] ether	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Methylphenol[4-]	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Nitroaniline[4-]	1.6	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Nitrophenol[4-]	1.6	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Acenaphthene	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Acenaphthylene	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Aniline	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Anthracene	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Azobenzene	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Benzo(a)anthracene	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Benzo(a)pyrene	0.33	mg/kg	UJ

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Benzo(b)fluoranthene	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Benzo(g,h,i)perylene	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Benzo(k)fluoranthene	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Benzoic acid	1.6	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Benzyl alcohol	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Bis(2-chloroethoxy)methane	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Bis(2-chloroethyl)ether	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Bis(2-ethylhexyl)phthalate	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Butylbenzylphthalate	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Chrysene	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Di-n-butylphthalate	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Di-n-octylphthalate	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Dibenz(a,h)anthracene	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Dibenzofuran	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Diethylphthalate	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Dimethyl phthalate	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Fluoranthene	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Fluorene	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Hexachlorobenzene	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Hexachlorobutadiene	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Hexachlorocyclopentadiene	1.6	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Hexachloroethane	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Indeno(1,2,3-cd)pyrene	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Isophorone	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Nitroso-di-n-propylamine[N-]	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Nitrosodimethylamine[N-]	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Nitrosodiphenylamine[N-]	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Naphthalene	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Nitrobenzene	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Pentachlorophenol	1.6	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Phenanthrene	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Phenol	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Pyrene	0.33	mg/kg	UJ
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Silver	0.104	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Aluminum	480	mg/kg	None
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Arsenic	1.7	mg/kg	None
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Barium	9.2	mg/kg	None
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Beryllium	0.2	mg/kg	J
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Calcium	1500	mg/kg	None
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Cadmium	0.0323	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Cobalt	0.28	mg/kg	J
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Chromium	11	mg/kg	None
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Copper	1.3	mg/kg	None
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Iron	1400	mg/kg	None
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Mercury	0.0182	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Potassium	230	mg/kg	None
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Magnesium	250	mg/kg	None
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Sodium	170	mg/kg	None
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Nickel	5.9	mg/kg	None
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Lead	7	mg/kg	None
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Selenium	0.448	mg/kg	None

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Thallium	0.101	mg/kg	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Vanadium	1.2	mg/kg	None
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Zinc	12	mg/kg	None
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Gross alpha	22.5	pCi/g	None
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Americium-241	0	pCi/g	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Gross beta	52.7	pCi/g	None
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Cobalt-60	0.00889	pCi/g	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Cesium-134	-0.00075	pCi/g	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Cesium-137	-0.0156	pCi/g	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Europium-152	-0.0976	pCi/g	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Tritium	0.255578	pCi/g	None
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Plutonium-238	0	pCi/g	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Plutonium-239	0.00202	pCi/g	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Ruthenium-106	0.014	pCi/g	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Strontium-90	-0.0938	pCi/g	U
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Thorium-228	1.76	pCi/g	None
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Thorium-230	0.917	pCi/g	None
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Thorium-232	1.58	pCi/g	None
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Uranium-234	0.823	pCi/g	None
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Uranium-235	0.039	pCi/g	J-
21-11198	MD21-01-0018	5.33–6.33	Qbt3	Uranium-238	0.862	pCi/g	None
21-11199	MD21-01-0019	8.0–9.0	Qbt3	DDD[4,4'-]	0.0018	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	DDE[4,4'-]	0.0018	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	DDT[4,4'-]	0.0018	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Aldrin	0.0018	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	BHC[alpha-]	0.0018	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Chlordane[alpha-]	0.0018	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	BHC[beta-]	0.0018	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	BHC[delta-]	0.0018	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Dieldrin	0.0018	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Endosulfan I	0.0018	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Endosulfan II	0.0018	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Endosulfan sulfate	0.0018	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Endrin	0.0018	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Endrin aldehyde	0.0018	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Endrin ketone	0.0018	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	BHC[gamma-]	0.0018	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Chlordane[gamma-]	0.0018	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Heptachlor	0.0018	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Heptachlor epoxide	0.0018	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Methoxychlor[4,4'-]	0.0035	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Toxaphene (technical grade)	0.071	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Aroclor-1016	0.035	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Aroclor-1221	0.035	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Aroclor-1232	0.035	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Aroclor-1242	0.035	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Aroclor-1248	0.035	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Aroclor-1254	0.035	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Aroclor-1260	0.035	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Tetrachloroethane[1,1,1,2-]	0.0063	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Trichloroethane[1,1,1-]	0.0063	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Tetrachloroethane[1,1,2,2-]	0.0063	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Trichloroethane[1,1,2-]	0.0063	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Dichloroethane[1,1-]	0.0063	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Dichloroethene[1,1-]	0.0063	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Dichloropropene[1,1-]	0.0063	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Trichloropropane[1,2,3-]	0.0063	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Trimethylbenzene[1,2,4-]	0.0063	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Dibromo-3-chloropropane[1,2-]	0.013	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Dibromoethane[1,2-]	0.0063	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Dichlorobenzene[1,2-]	0.0063	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Dichloroethane[1,2-]	0.0063	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Dichloroethene[cis/trans-1,2-]	0.0063	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Dichloropropane[1,2-]	0.0063	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Trimethylbenzene[1,3,5-]	0.0063	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Dichlorobenzene[1,3-]	0.0063	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Dichloropropane[1,3-]	0.0063	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Dichlorobenzene[1,4-]	0.0063	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Dichloropropane[2,2-]	0.0063	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Butanone[2-]	0.025	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Chlorotoluene[2-]	0.0063	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Hexanone[2-]	0.025	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Chlorotoluene[4-]	0.0063	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Isopropyltoluene[4-]	0.0063	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Methyl-2-pentanone[4-]	0.025	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Acetone	0.025	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Benzene	0.0063	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Bromobenzene	0.0063	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Bromochloromethane	0.0063	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Bromodichloromethane	0.0063	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Bromoform	0.0063	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Bromomethane	0.013	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Carbon disulfide	0.0063	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Carbon tetrachloride	0.0063	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Chlorobenzene	0.0063	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Chlorodibromomethane	0.0063	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Chloroethane	0.013	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Chloroform	0.0063	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Chloromethane	0.013	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Dichloropropene[cis-1,3-]	0.0063	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Dibromomethane	0.0063	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Dichlorodifluoromethane	0.013	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Ethylbenzene	0.0063	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Iodomethane	0.0063	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Isopropylbenzene	0.0063	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Methylene chloride	0.0063	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Butylbenzene[n-]	0.0063	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Propylbenzene[1-]	0.0063	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Butylbenzene[sec-]	0.0063	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Styrene	0.0063	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Butylbenzene[tert-]	0.0063	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Tetrachloroethene	0.0063	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Toluene	0.0063	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Dichloropropene[trans-1,3-]	0.0063	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Trichloroethene	0.0063	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Trichlorofluoromethane	0.013	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Trichlorotrifluoroethane	0.0063	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Vinyl chloride	0.013	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Xylene (total)	0.0063	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Trichlorobenzene[1,2,4-]	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Dichlorobenzene[1,2-]	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Dichlorobenzene[1,3-]	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Dichlorobenzene[1,4-]	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Trichlorophenol[2,4,5-]	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Trichlorophenol[2,4,6-]	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Dichlorophenol[2,4-]	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Dimethylphenol[2,4-]	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Dinitrophenol[2,4-]	1.7	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Dinitrotoluene[2,4-]	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Dinitrotoluene[2,6-]	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Chloronaphthalene[2-]	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Chlorophenol[2-]	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Methylnaphthalene[2-]	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Methylphenol[2-]	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Nitroaniline[2-]	1.7	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Nitrophenol[2-]	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Dichlorobenzidine[3,3'-]	1.7	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Nitroaniline[3-]	1.7	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Bromophenyl-phenylether[4-]	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Chloro-3-methylphenol[4-]	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Chloroaniline[4-]	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Chlorophenyl-phenyl[4-] ether	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Methylphenol[4-]	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Nitroaniline[4-]	1.7	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Nitrophenol[4-]	1.7	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Acenaphthene	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Acenaphthylene	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Aniline	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Anthracene	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Azobenzene	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Benzo(a)anthracene	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Benzo(a)pyrene	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Benzo(b)fluoranthene	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Benzo(g,h,i)perylene	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Benzo(k)fluoranthene	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Benzoic acid	1.7	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Benzyl alcohol	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Bis(2-chloroethoxy)methane	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Bis(2-chloroethyl)ether	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Bis(2-ethylhexyl)phthalate	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Butylbenzylphthalate	0.35	mg/kg	UJ

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Chrysene	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Di-n-butylphthalate	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Di-n-octylphthalate	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Dibenz(a,h)anthracene	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Dibenzofuran	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Diethylphthalate	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Dimethyl phthalate	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Fluoranthene	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Fluorene	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Hexachlorobenzene	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Hexachlorobutadiene	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Hexachlorocyclopentadiene	1.7	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Hexachloroethane	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Isophorone	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Nitrosodimethylamine[N-]	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Nitrosodiphenylamine[N-]	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Naphthalene	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Nitrobenzene	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Pentachlorophenol	1.7	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Phenanthrene	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Phenol	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Pyrene	0.35	mg/kg	UJ
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Silver	0.14	mg/kg	J
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Aluminum	2300	mg/kg	None
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Arsenic	2.1	mg/kg	None
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Barium	18	mg/kg	None
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Beryllium	0.27	mg/kg	J
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Calcium	740	mg/kg	None
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Cadmium	0.0337	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Cobalt	0.63	mg/kg	J
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Chromium	5.8	mg/kg	None
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Copper	1.9	mg/kg	None
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Iron	2400	mg/kg	None
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Mercury	0.0189	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Potassium	370	mg/kg	None
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Magnesium	440	mg/kg	None
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Sodium	120	mg/kg	None
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Nickel	3.5	mg/kg	None
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Lead	5.4	mg/kg	None
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Selenium	0.582	mg/kg	None
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Thallium	0.105	mg/kg	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Vanadium	2.4	mg/kg	None
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Zinc	16	mg/kg	None
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Gross alpha	24.4	pCi/g	None
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Americium-241	0.00333	pCi/g	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Gross beta	53.5	pCi/g	None
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Cobalt-60	-0.00666	pCi/g	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Cesium-134	0.0109	pCi/g	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Cesium-137	-0.0246	pCi/g	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Europium-152	-0.0139	pCi/g	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Tritium	299.7025	pCi/g	None
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Plutonium-238	0.00113	pCi/g	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Plutonium-239	0.0102	pCi/g	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Ruthenium-106	0.118	pCi/g	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Strontium-90	-0.0462	pCi/g	U
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Thorium-228	1.84	pCi/g	None
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Thorium-230	0.961	pCi/g	None
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Thorium-232	1.66	pCi/g	None
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Uranium-234	0.835	pCi/g	None
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Uranium-235	0.034	pCi/g	J-
21-11199	MD21-01-0019	8.0–9.0	Qbt3	Uranium-238	0.856	pCi/g	None
21-11199	MD21-01-0020	12.0–13.0	Qbt3	DDD[4,4'-]	0.0018	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	DDE[4,4'-]	0.0018	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	DDT[4,4'-]	0.0018	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Aldrin	0.0018	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	BHC[alpha-]	0.0018	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Chlordane[alpha-]	0.0018	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	BHC[beta-]	0.0018	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	BHC[delta-]	0.0018	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Dieldrin	0.0018	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Endosulfan I	0.0018	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Endosulfan II	0.0018	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Endosulfan sulfate	0.0018	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Endrin	0.0018	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Endrin aldehyde	0.0018	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Endrin ketone	0.0018	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	BHC[gamma-]	0.0018	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Chlordane[gamma-]	0.0018	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Heptachlor	0.0018	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Heptachlor epoxide	0.0018	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Methoxychlor[4,4'-]	0.0036	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Toxaphene (technical grade)	0.072	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Aroclor-1016	0.036	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Aroclor-1221	0.036	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Aroclor-1232	0.036	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Aroclor-1242	0.036	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Aroclor-1248	0.036	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Aroclor-1254	0.036	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Aroclor-1260	0.036	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Tetrachloroethane[1,1,1,2-]	0.0059	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Trichloroethane[1,1,1-]	0.0059	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Tetrachloroethane[1,1,2,2-]	0.0059	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Trichloroethane[1,1,2-]	0.0059	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Dichloroethane[1,1-]	0.0059	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Dichloroethene[1,1-]	0.0059	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Dichloropropene[1,1-]	0.0059	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Trichloropropane[1,2,3-]	0.0059	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Trimethylbenzene[1,2,4-]	0.0059	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Dibromo-3-chloropropane[1,2-]	0.012	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Dibromoethane[1,2-]	0.0059	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Dichlorobenzene[1,2-]	0.0059	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Dichloroethane[1,2-]	0.0059	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Dichloroethene[cis/trans-1,2-]	0.0059	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Dichloropropane[1,2-]	0.0059	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Trimethylbenzene[1,3,5-]	0.0059	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Dichlorobenzene[1,3-]	0.0059	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Dichloropropane[1,3-]	0.0059	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Dichlorobenzene[1,4-]	0.0059	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Dichloropropane[2,2-]	0.0059	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Butanone[2-]	0.024	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Chlorotoluene[2-]	0.0059	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Hexanone[2-]	0.024	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Chlorotoluene[4-]	0.0059	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Isopropyltoluene[4-]	0.0059	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Methyl-2-pentanone[4-]	0.024	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Acetone	0.024	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Benzene	0.0059	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Bromobenzene	0.0059	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Bromochloromethane	0.0059	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Bromodichloromethane	0.0059	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Bromoform	0.0059	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Bromomethane	0.012	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Carbon disulfide	0.0059	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Carbon tetrachloride	0.0059	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Chlorobenzene	0.0059	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Chlorodibromomethane	0.0059	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Chloroethane	0.012	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Chloroform	0.0059	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Chloromethane	0.012	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Dichloropropene[cis-1,3-]	0.0059	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Dibromomethane	0.0059	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Dichlorodifluoromethane	0.012	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Ethylbenzene	0.0059	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Iodomethane	0.0059	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Isopropylbenzene	0.0059	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Methylene chloride	0.0059	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Butylbenzene[n-]	0.0059	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Propylbenzene[1-]	0.0059	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Butylbenzene[sec-]	0.0059	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Styrene	0.0059	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Butylbenzene[tert-]	0.0059	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Tetrachloroethene	0.0059	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Toluene	0.0059	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Dichloropropene[trans-1,3-]	0.0059	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Trichloroethene	0.0059	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Trichlorofluoromethane	0.012	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Trichlorotrifluoroethane	0.0059	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Vinyl chloride	0.012	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Xylene (total)	0.0059	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Trichlorobenzene[1,2,4-]	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Dichlorobenzene[1,2-]	0.36	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Dichlorobenzene[1,3-]	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Dichlorobenzene[1,4-]	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Oxybis(1-chloropropane)[2,2'-]	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Trichlorophenol[2,4,5-]	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Trichlorophenol[2,4,6-]	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Dichlorophenol[2,4-]	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Dimethylphenol[2,4-]	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Dinitrophenol[2,4-]	1.7	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Dinitrotoluene[2,4-]	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Dinitrotoluene[2,6-]	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Chloronaphthalene[2-]	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Chlorophenol[2-]	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Methylnaphthalene[2-]	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Methylphenol[2-]	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Nitroaniline[2-]	1.7	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Nitrophenol[2-]	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Dichlorobenzidine[3,3'-]	1.7	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Nitroaniline[3-]	1.7	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Bromophenyl-phenylether[4-]	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Chloro-3-methylphenol[4-]	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Chloroaniline[4-]	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Chlorophenyl-phenyl[4-] ether	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Methylphenol[4-]	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Nitroaniline[4-]	1.7	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Nitrophenol[4-]	1.7	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Acenaphthene	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Acenaphthylene	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Aniline	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Anthracene	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Azobenzene	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Benzo(a)anthracene	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Benzo(a)pyrene	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Benzo(b)fluoranthene	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Benzo(g,h,i)perylene	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Benzo(k)fluoranthene	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Benzoic acid	1.7	mg/kg	UJ
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Benzyl alcohol	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Bis(2-chloroethoxy)methane	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Bis(2-chloroethyl)ether	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Bis(2-ethylhexyl)phthalate	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Butylbenzylphthalate	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Chrysene	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Di-n-butylphthalate	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Di-n-octylphthalate	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Dibenz(a,h)anthracene	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Dibenzofuran	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Diethylphthalate	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Dimethyl phthalate	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Fluoranthene	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Fluorene	0.36	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Hexachlorobenzene	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Hexachlorobutadiene	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Hexachlorocyclopentadiene	1.7	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Hexachloroethane	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Indeno(1,2,3-cd)pyrene	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Isophorone	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Nitroso-di-n-propylamine[N-]	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Nitrosodimethylamine[N-]	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Nitrosodiphenylamine[N-]	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Naphthalene	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Nitrobenzene	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Pentachlorophenol	1.7	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Phenanthrene	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Phenol	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Pyrene	0.36	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Silver	0.111	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Aluminum	3200	mg/kg	None
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Arsenic	1.9	mg/kg	None
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Barium	16	mg/kg	None
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Beryllium	0.44	mg/kg	J
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Calcium	650	mg/kg	None
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Cadmium	0.0344	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Cobalt	0.59	mg/kg	J
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Chromium	17	mg/kg	None
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Copper	2.7	mg/kg	None
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Iron	2600	mg/kg	None
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Mercury	0.0194	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Potassium	590	mg/kg	None
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Magnesium	650	mg/kg	None
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Sodium	240	mg/kg	None
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Nickel	8.4	mg/kg	None
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Lead	3.6	mg/kg	None
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Selenium	0.571	mg/kg	None
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Thallium	0.108	mg/kg	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Vanadium	2.7	mg/kg	None
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Zinc	15	mg/kg	None
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Gross alpha	28.3	pCi/g	None
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Americium-241	0.00942	pCi/g	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Gross beta	50.7	pCi/g	None
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Cobalt-60	0.0175	pCi/g	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Cesium-134	0.00348	pCi/g	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Cesium-137	-0.0241	pCi/g	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Europium-152	-0.0138	pCi/g	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Tritium	562.5	pCi/g	None
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Plutonium-238	0.00148	pCi/g	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Plutonium-239	0.00333	pCi/g	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Ruthenium-106	0.0223	pCi/g	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Strontium-90	0.0878	pCi/g	U
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Thorium-228	1.83	pCi/g	None
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Thorium-230	1.01	pCi/g	None
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Thorium-232	1.77	pCi/g	None

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Uranium-234	0.949	pCi/g	None
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Uranium-235	0.0326	pCi/g	J-
21-11199	MD21-01-0020	12.0–13.0	Qbt3	Uranium-238	0.928	pCi/g	None
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Endrin ketone	0.0017	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Heptachlor	0.0017	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Heptachlor epoxide	0.0017	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Methoxychlor[4,4'-]	0.0034	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Toxaphene (technical grade)	0.068	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Aldrin	0.0017	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	BHC[alpha-]	0.0017	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	BHC[beta-]	0.0017	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	BHC[delta-]	0.0017	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	BHC[gamma-]	0.0017	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Chlordane[alpha-]	0.0017	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Chlordane[gamma-]	0.0017	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	DDD[4,4'-]	0.0017	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	DDE[4,4'-]	0.0017	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	DDT[4,4'-]	0.0017	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Dieldrin	0.0017	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Endosulfan I	0.0017	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Endosulfan II	0.0017	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Endosulfan sulfate	0.0017	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Endrin	0.0017	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Endrin aldehyde	0.0017	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Aroclor-1016	0.034	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Aroclor-1221	0.034	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Aroclor-1232	0.034	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Aroclor-1242	0.034	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Aroclor-1248	0.034	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Aroclor-1254	0.034	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Aroclor-1260	0.034	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Acetone	0.026	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Benzene	0.0065	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Bromobenzene	0.0065	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Bromochloromethane	0.0065	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Bromodichloromethane	0.0065	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Bromoform	0.0065	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Bromomethane	0.013	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Butylbenzene[n-]	0.0065	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Butylbenzene[sec-]	0.0065	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Butylbenzene[tert-]	0.0065	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Carbon disulfide	0.0065	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Carbon tetrachloride	0.0065	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Chlorobenzene	0.0065	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Chlorodibromomethane	0.0065	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Dibromo-3-chloropropane[1,2-]	0.013	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Chloroethane	0.013	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Chloroform	0.0065	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Chloromethane	0.013	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Chlorotoluene[2-]	0.0065	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Chlorotoluene[4-]	0.0065	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Dibromoethane[1,2-]	0.0065	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Dichlorobenzene[1,2-]	0.0065	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Dichlorobenzene[1,3-]	0.0065	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Dichlorobenzene[1,4-]	0.0065	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Dichlorodifluoromethane	0.013	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Dichloroethane[1,1-]	0.0065	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Dichloroethane[1,2-]	0.0065	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Dichloroethene[1,1-]	0.0065	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Dichloroethene[cis/trans-1,2-]	0.0065	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Dichloropropane[1,2-]	0.0065	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Dichloropropane[1,3-]	0.0065	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Dichloropropane[2,2-]	0.0065	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Dichloropropene[1,1-]	0.0065	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Dichloropropene[cis-1,3-]	0.0065	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Dichloropropene[trans-1,3-]	0.0065	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Ethylbenzene	0.0065	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Trichlorofluoromethane	0.0014	mg/kg	J
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Hexanone[2-]	0.026	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Iodomethane	0.0065	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Isopropylbenzene	0.0065	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Isopropyltoluene[4-]	0.0065	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Methylene chloride	0.0065	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Methyl-2-pentanone[4-]	0.026	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Propylbenzene[1-]	0.0065	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Styrene	0.0065	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Tetrachloroethane[1,1,1,2-]	0.0065	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Tetrachloroethane[1,1,2,2-]	0.0065	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Tetrachloroethene	0.0065	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Toluene	0.0065	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Trichloroethane[1,1,1-]	0.0065	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Trichloroethane[1,1,2-]	0.0065	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Trichloroethene	0.0065	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Trichloropropane[1,2,3-]	0.0065	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Trimethylbenzene[1,2,4-]	0.0065	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Trimethylbenzene[1,3,5-]	0.0065	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Vinyl chloride	0.013	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Xylene (total)	0.0065	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0065	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Butanone[2-]	0.026	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Dibromomethane	0.0065	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Nitrosodimethylamine[N-]	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Phenol	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Aniline	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Bis(2-chloroethyl)ether	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Chlorophenol[2-]	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Dichlorobenzene[1,3-]	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Dichlorobenzene[1,4-]	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Benzyl alcohol	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Dichlorobenzene[1,2-]	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Methylphenol[2-]	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Oxybis(1-chloropropane)[2,2'-]	0.34	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Methylphenol[4-]	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Nitroso-di-n-propylamine[N-]	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Hexachloroethane	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Nitrobenzene	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Isophorone	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Nitrophenol[2-]	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Dimethylphenol[2,4-]	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Bis(2-chloroethoxy)methane	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Benzoic acid	1.6	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Dichlorophenol[2,4-]	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Trichlorobenzene[1,2,4-]	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Naphthalene	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Chloroaniline[4-]	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Hexachlorobutadiene	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Chloro-3-methylphenol[4-]	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Methylnaphthalene[2-]	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Hexachlorocyclopentadiene	1.6	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Trichlorophenol[2,4,6-]	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Trichlorophenol[2,4,5-]	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Chloronaphthalene[2-]	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Dimethyl phthalate	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Nitroaniline[2-]	1.6	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Acenaphthylene	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Dinitrotoluene[2,6-]	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Nitroaniline[3-]	1.6	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Acenaphthene	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Dinitrophenol[2,4-]	1.6	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Nitrophenol[4-]	1.6	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Dibenzofuran	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Dinitrotoluene[2,4-]	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Diethylphthalate	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Fluorene	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Chlorophenyl-phenyl[4-] ether	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Nitroaniline[4-]	1.6	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Dinitro-2-methylphenol[4,6-]	1.6	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Nitrosodiphenylamine[N-]	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Azobenzene	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Pyrene	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Bromophenyl-phenylether[4-]	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Hexachlorobenzene	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Pentachlorophenol	1.6	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Phenanthrene	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Anthracene	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Di-n-butylphthalate	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Fluoranthene	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Butylbenzylphthalate	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Benzo(a)anthracene	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Dichlorobenzidine[3,3'-]	1.6	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Chrysene	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Bis(2-ethylhexyl)phthalate	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Di-n-octylphthalate	0.34	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Benzo(b)fluoranthene	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Benzo(k)fluoranthene	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Benzo(a)pyrene	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Indeno(1,2,3-cd)pyrene	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Benzo(g,h,i)perylene	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Dibenz(a,h)anthracene	0.34	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Silver	0.106	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Aluminum	1300	mg/kg	None
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Arsenic	2	mg/kg	None
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Barium	8.6	mg/kg	None
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Beryllium	0.23	mg/kg	J
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Calcium	790	mg/kg	None
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Cadmium	0.033	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Cobalt	0.54	mg/kg	J
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Chromium	11	mg/kg	None
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Copper	1.1	mg/kg	None
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Iron	2600	mg/kg	None
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Mercury	0.0186	mg/kg	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Potassium	260	mg/kg	None
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Magnesium	290	mg/kg	None
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Manganese	140	mg/kg	None
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Sodium	120	mg/kg	None
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Nickel	6	mg/kg	None
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Lead	18	mg/kg	None
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Selenium	0.664	mg/kg	None
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Thallium	0.121	mg/kg	J
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Vanadium	2	mg/kg	None
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Zinc	18	mg/kg	None
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Gross alpha	17.2	pCi/g	None
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Americium-241	0.00157	pCi/g	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Gross beta	51.5	pCi/g	None
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Cobalt-60	0.0195	pCi/g	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Cesium-134	0.00143	pCi/g	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Cesium-137	-0.00978	pCi/g	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Europium-152	-0.0394	pCi/g	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Tritium	12.37113	pCi/g	J+
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Plutonium-238	-0.00158	pCi/g	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Plutonium-239	0.00896	pCi/g	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Ruthenium-106	0.083	pCi/g	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Strontium-90	0.105	pCi/g	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Thorium-228	1.91	pCi/g	None
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Thorium-230	1.03	pCi/g	None
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Thorium-232	1.74	pCi/g	None
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Uranium-234	0.878	pCi/g	U
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Uranium-235	0.0289	pCi/g	J-
21-11200	MD21-01-0054	8.0–9.0	Qbt3	Uranium-238	0.902	pCi/g	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Endrin ketone	0.0018	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Heptachlor	0.0018	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Heptachlor epoxide	0.0018	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Methoxychlor[4,4'-]	0.0034	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Toxaphene (technical grade)	0.07	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Aldrin	0.0018	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	BHC[alpha-]	0.0018	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	BHC[beta-]	0.0018	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	BHC[delta-]	0.0018	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	BHC[gamma-]	0.0018	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Chlordane[alpha-]	0.0018	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Chlordane[gamma-]	0.0018	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	DDD[4,4'-]	0.0018	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	DDE[4,4'-]	0.0018	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	DDT[4,4'-]	0.0018	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Dieldrin	0.0018	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Endosulfan I	0.0018	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Endosulfan II	0.0018	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Endosulfan sulfate	0.0018	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Endrin	0.0018	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Endrin aldehyde	0.0018	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Aroclor-1016	0.034	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Aroclor-1232	0.034	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Aroclor-1221	0.034	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Aroclor-1242	0.034	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Aroclor-1248	0.034	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Aroclor-1254	0.034	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Aroclor-1260	0.034	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Acetone	0.026	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Benzene	0.0064	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Bromobenzene	0.0064	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Bromochloromethane	0.0064	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Bromodichloromethane	0.0064	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Bromoform	0.0064	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Bromomethane	0.013	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Butylbenzene[n-]	0.0064	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Butylbenzene[sec-]	0.0064	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Butylbenzene[tert-]	0.0064	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Carbon disulfide	0.0064	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Carbon tetrachloride	0.0064	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Chlorobenzene	0.0064	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Chlorodibromomethane	0.0064	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Dibromo-3-chloropropane[1,2-]	0.013	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Chloroethane	0.013	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Chloroform	0.0064	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Chloromethane	0.013	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Chlorotoluene[2-]	0.0064	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Chlorotoluene[4-]	0.0064	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Dibromoethane[1,2-]	0.0064	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Dibromomethane	0.0064	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Dichlorobenzene[1,2-]	0.0064	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Dichlorobenzene[1,3-]	0.0064	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Dichlorodifluoromethane	0.013	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Dichloroethane[1,1-]	0.0064	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Dichloroethane[1,2-]	0.0064	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Dichloroethene[1,1-]	0.0064	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Dichloroethene[cis/trans-1,2-]	0.0064	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Dichloropropane[1,2-]	0.0064	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Dichloropropane[1,3-]	0.0064	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Dichloropropane[2,2-]	0.0064	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Dichloropropene[cis-1,3-]	0.0064	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Dichloropropene[1,1-]	0.0064	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Dichloropropene[trans-1,3-]	0.0064	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Ethylbenzene	0.0064	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Trichlorofluoromethane	0.013	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Hexanone[2-]	0.026	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Iodomethane	0.0064	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Isopropylbenzene	0.0064	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Isopropyltoluene[4-]	0.0064	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Methylene chloride	0.0064	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Methyl-2-pentanone[4-]	0.026	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Propylbenzene[1-]	0.0064	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Styrene	0.0064	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Tetrachloroethane[1,1,1,2-]	0.0064	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Tetrachloroethane[1,1,2,2-]	0.0064	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Tetrachloroethene	0.0064	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Toluene	0.0064	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Trichloroethane[1,1,1-]	0.0064	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Trichloroethane[1,1,2-]	0.0064	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Trichloroethene	0.0064	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Trichloropropane[1,2,3-]	0.0064	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Trimethylbenzene[1,2,4-]	0.0064	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Trimethylbenzene[1,3,5-]	0.0064	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Vinyl chloride	0.013	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Xylene (total)	0.0064	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0064	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Butanone[2-]	0.026	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Nitrosodimethylamine[N-]	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Phenol	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Aniline	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Bis(2-chloroethyl)ether	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Chlorophenol[2-]	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Dichlorobenzene[1,4-]	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Benzyl alcohol	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Dichlorobenzene[1,2-]	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Methylphenol[2-]	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Oxybis(1-chloropropane)[2,2'-]	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Methylphenol[4-]	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Nitroso-di-n-propylamine[N-]	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Hexachloroethane	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Nitrobenzene	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Isophorone	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Nitrophenol[2-]	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Dimethylphenol[2,4-]	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Bis(2-chloroethoxy)methane	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Benzoic acid	1.7	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Dichlorophenol[2,4-]	0.34	mg/kg	UJ

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Trichlorobenzene[1,2,4-]	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Naphthalene	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Chloroaniline[4-]	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Hexachlorobutadiene	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Chloro-3-methylphenol[4-]	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Methylnaphthalene[2-]	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Hexachlorocyclopentadiene	1.7	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Dichlorobenzene[1,3-]	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Trichlorophenol[2,4,6-]	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Trichlorophenol[2,4,5-]	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Chloronaphthalene[2-]	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Nitroaniline[2-]	1.7	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Dimethyl phthalate	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Acenaphthylene	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Dinitrotoluene[2,6-]	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Nitroaniline[3-]	1.7	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Acenaphthene	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Dinitrophenol[2,4-]	1.7	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Nitrophenol[4-]	1.7	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Dibenzofuran	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Dinitrotoluene[2,4-]	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Diethylphthalate	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Fluorene	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Chlorophenyl-phenyl[4-] ether	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Nitroaniline[4-]	1.7	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Nitrosodiphenylamine[N-]	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Azobenzene	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Pyrene	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Bromophenyl-phenylether[4-]	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Hexachlorobenzene	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Pentachlorophenol	1.7	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Phenanthrene	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Anthracene	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Di-n-butylphthalate	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Fluoranthene	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Butylbenzylphthalate	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Benzo(a)anthracene	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Dichlorobenzidine[3,3'-]	1.7	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Chrysene	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Bis(2-ethylhexyl)phthalate	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Di-n-octylphthalate	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Benzo(b)fluoranthene	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Benzo(k)fluoranthene	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Benzo(a)pyrene	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Indeno(1,2,3-cd)pyrene	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Benzo(g,h,i)perylene	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Dibenz(a,h)anthracene	0.34	mg/kg	UJ
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Silver	0.108	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Aluminum	3700	mg/kg	None
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Arsenic	2.4	mg/kg	None

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Barium	24	mg/kg	None
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Beryllium	0.33	mg/kg	J
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Calcium	2000	mg/kg	None
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Cadmium	0.0337	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Cobalt	0.9	mg/kg	J
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Chromium	7.1	mg/kg	None
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Copper	1.7	mg/kg	None
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Iron	3800	mg/kg	None
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Mercury	0.0189	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Potassium	480	mg/kg	None
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Magnesium	640	mg/kg	None
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Manganese	130	mg/kg	None
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Sodium	90	mg/kg	None
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Nickel	4.3	mg/kg	None
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Lead	9	mg/kg	None
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Selenium	0.554	mg/kg	None
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Thallium	0.105	mg/kg	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Vanadium	3.5	mg/kg	None
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Zinc	17	mg/kg	None
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Gross alpha	16.3	pCi/g	None
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Americium-241	0.00158	pCi/g	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Gross beta	49.8	pCi/g	None
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Cobalt-60	0.0142	pCi/g	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Cesium-134	-0.00373	pCi/g	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Cesium-137	-0.019	pCi/g	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Europium-152	-0.0329	pCi/g	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Tritium	30.47368	pCi/g	J+
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Plutonium-238	-0.00035	pCi/g	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Plutonium-239	0.00318	pCi/g	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Ruthenium-106	0.000365	pCi/g	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Strontium-90	0.0187	pCi/g	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Thorium-228	1.95	pCi/g	None
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Thorium-230	1	pCi/g	None
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Thorium-232	1.81	pCi/g	None
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Uranium-234	0.898	pCi/g	U
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Uranium-235	0.0377	pCi/g	J-
21-11200	MD21-01-0055	12.0–13.0	Qbt3	Uranium-238	0.866	pCi/g	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Endrin ketone	0.0018	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Heptachlor	0.0018	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Heptachlor epoxide	0.0018	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Methoxychlor[4,4'-]	0.0035	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Toxaphene (technical grade)	0.071	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Aldrin	0.0018	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	BHC[alpha-]	0.0018	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	BHC[beta-]	0.0018	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	BHC[delta-]	0.0018	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	BHC[gamma-]	0.0018	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Chlordane[alpha-]	0.0018	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Chlordane[gamma-]	0.0018	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	DDD[4,4'-]	0.0018	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	DDE[4,4'-]	0.0018	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11200	MD21-01-0056	17.0–18.0	Qbt3	DDT[4,4'-]	0.0018	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Dieldrin	0.0018	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Endosulfan I	0.0018	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Endosulfan II	0.0018	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Endosulfan sulfate	0.0018	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Endrin	0.0018	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Aroclor-1221	0.035	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Aroclor-1232	0.035	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Aroclor-1242	0.035	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Aroclor-1248	0.035	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Aroclor-1254	0.035	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Aroclor-1260	0.035	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Aroclor-1016	0.035	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Acetone	0.017	mg/kg	J
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Benzene	0.0063	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Bromobenzene	0.0063	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Bromochloromethane	0.0063	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Bromoform	0.0063	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Bromodichloromethane	0.0063	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Bromomethane	0.013	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Butylbenzene[n-]	0.0063	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Butylbenzene[sec-]	0.0063	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Butylbenzene[tert-]	0.0063	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Carbon disulfide	0.0063	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Carbon tetrachloride	0.0063	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Chlorobenzene	0.0063	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Chlorodibromomethane	0.0063	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Dibromo-3-chloropropane[1,2-]	0.013	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Chloroethane	0.013	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Chloroform	0.0063	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Chloromethane	0.013	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Chlorotoluene[2-]	0.0063	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Chlorotoluene[4-]	0.0063	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Dibromoethane[1,2-]	0.0063	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Dibromomethane	0.0063	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Dichlorobenzene[1,2-]	0.0063	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Dichlorobenzene[1,3-]	0.0063	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Dichlorobenzene[1,4-]	0.0063	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Dichlorodifluoromethane	0.013	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Dichloroethane[1,1-]	0.0063	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Dichloroethane[1,2-]	0.0063	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Dichloroethene[1,1-]	0.0063	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Dichloroethene[cis/trans-1,2-]	0.0063	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Dichloropropane[1,2-]	0.0063	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Dichloropropane[1,3-]	0.0063	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Dichloropropane[2,2-]	0.0063	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Dichloropropene[1,1-]	0.0063	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Dichloropropene[cis-1,3-]	0.0063	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Dichloropropene[trans-1,3-]	0.0063	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Ethylbenzene	0.0063	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Trichlorofluoromethane	0.013	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Hexanone[2-]	0.025	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Iodomethane	0.0063	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Isopropylbenzene	0.0063	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Isopropyltoluene[4-]	0.0063	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Methylene chloride	0.0063	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Methyl-2-pentanone[4-]	0.025	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Propylbenzene[1-]	0.0063	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Styrene	0.0063	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Tetrachloroethane[1,1,1,2-]	0.0063	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Tetrachloroethane[1,1,2,2-]	0.0063	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Tetrachloroethene	0.0063	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Toluene	0.0063	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Trichloroethane[1,1,1-]	0.0063	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Trichloroethane[1,1,2-]	0.0063	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Trichloroethene	0.0063	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Trichloropropane[1,2,3-]	0.0063	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Trimethylbenzene[1,2,4-]	0.0063	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Trimethylbenzene[1,3,5-]	0.0063	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Vinyl chloride	0.013	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Xylene (total)	0.0063	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0063	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Butanone[2-]	0.025	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Nitrosodimethylamine[N-]	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Phenol	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Aniline	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Bis(2-chloroethyl)ether	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Chlorophenol[2-]	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Dichlorobenzene[1,3-]	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Dichlorobenzene[1,4-]	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Benzyl alcohol	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Dichlorobenzene[1,2-]	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Methylphenol[2-]	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Methylphenol[4-]	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Hexachloroethane	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Nitrobenzene	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Isophorone	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Nitrophenol[2-]	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Dimethylphenol[2,4-]	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Bis(2-chloroethoxy)methane	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Benzoic acid	1.7	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Dichlorophenol[2,4-]	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Trichlorobenzene[1,2,4-]	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Naphthalene	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Chloroaniline[4-]	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Hexachlorobutadiene	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Chloro-3-methylphenol[4-]	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Methylnaphthalene[2-]	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Hexachlorocyclopentadiene	1.7	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Trichlorophenol[2,4,6-]	0.35	mg/kg	UJ

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Trichlorophenol[2,4,5-]	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Chloronaphthalene[2-]	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Nitroaniline[2-]	1.7	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Dimethyl phthalate	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Acenaphthylene	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Dinitrotoluene[2,6-]	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Nitroaniline[3-]	1.7	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Acenaphthene	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Dinitrophenol[2,4-]	1.7	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Nitrophenol[4-]	1.7	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Dibenzofuran	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Dinitrotoluene[2,4-]	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Diethylphthalate	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Fluorene	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Chlorophenyl-phenyl[4-] ether	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Nitroaniline[4-]	1.7	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Nitrosodiphenylamine[N-]	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Azobenzene	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Pyrene	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Bromophenyl-phenylether[4-]	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Hexachlorobenzene	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Pentachlorophenol	1.7	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Phenanthrene	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Anthracene	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Di-n-butylphthalate	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Fluoranthene	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Butylbenzylphthalate	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Benzo(a)anthracene	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Dichlorobenzidine[3,3'-]	1.7	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Chrysene	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Bis(2-ethylhexyl)phthalate	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Di-n-octylphthalate	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Benzo(b)fluoranthene	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Benzo(k)fluoranthene	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Benzo(a)pyrene	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Benzo(g,h,i)perylene	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Dibenz(a,h)anthracene	0.35	mg/kg	UJ
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Silver	0.107	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Aluminum	4100	mg/kg	None
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Arsenic	2.6	mg/kg	None
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Barium	36	mg/kg	None
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Beryllium	0.38	mg/kg	J
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Calcium	2100	mg/kg	None
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Cadmium	0.0333	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Cobalt	1.1	mg/kg	None
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Chromium	13	mg/kg	None
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Copper	2.2	mg/kg	None
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Iron	4600	mg/kg	None
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Mercury	0.0188	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Potassium	550	mg/kg	None
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Magnesium	780	mg/kg	None
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Manganese	200	mg/kg	None
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Sodium	98	mg/kg	None
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Nickel	7.7	mg/kg	None
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Lead	19	mg/kg	None
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Selenium	0.582	mg/kg	None
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Thallium	0.104	mg/kg	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Vanadium	4.5	mg/kg	None
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Zinc	21	mg/kg	None
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Gross alpha	23.8	pCi/g	None
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Americium-241	0.00611	pCi/g	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Gross beta	48.5	pCi/g	None
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Cobalt-60	-0.0137	pCi/g	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Cesium-134	-0.00297	pCi/g	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Cesium-137	-0.0328	pCi/g	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Europium-152	-0.00712	pCi/g	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Tritium	20.58333	pCi/g	J+
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Plutonium-238	0.0014	pCi/g	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Plutonium-239	0.00524	pCi/g	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Ruthenium-106	0.0898	pCi/g	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Strontium-90	0.00665	pCi/g	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Thorium-228	1.95	pCi/g	None
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Thorium-230	1.09	pCi/g	None
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Thorium-232	1.9	pCi/g	None
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Uranium-234	0.89	pCi/g	U
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Uranium-235	0.0314	pCi/g	J-
21-11200	MD21-01-0056	17.0–18.0	Qbt3	Uranium-238	0.867	pCi/g	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Plutonium-239	0.00932	pCi/g	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Thorium-228	1.25	pCi/g	None
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Thorium-230	0.658	pCi/g	None
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Thorium-232	1.08	pCi/g	None
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Uranium-234	0.714	pCi/g	None
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Uranium-238	0.723	pCi/g	None
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Tritium	1027.225	pCi/g	None
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Ruthenium-106	0.0296	pCi/g	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Strontium-90	0.00526	pCi/g	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Plutonium-238	0	pCi/g	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Americium-241	0.00489	pCi/g	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Cobalt-60	0.0325	pCi/g	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Uranium-235	0.0281	pCi/g	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Cesium-137	-0.0534	pCi/g	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Europium-152	-0.0543	pCi/g	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Cesium-134	0.0553	pCi/g	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Antimony	0.82	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Cadmium	0.065	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	DDD[4,4'-]	0.0018	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	DDE[4,4'-]	0.0018	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	DDT[4,4'-]	0.0018	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Aldrin	0.0018	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	BHC[alpha-]	0.0018	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Chlordane[alpha-]	0.0018	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	BHC[beta-]	0.0018	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	BHC[delta-]	0.0018	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Dieldrin	0.0018	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Endosulfan I	0.0018	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Endosulfan II	0.0018	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Endosulfan sulfate	0.0018	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Endrin	0.0018	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Endrin aldehyde	0.0018	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Endrin ketone	0.0018	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	BHC[gamma-]	0.0018	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Chlordane[gamma-]	0.0018	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Heptachlor	0.0018	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Heptachlor epoxide	0.0018	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Methoxychlor[4,4'-]	0.0035	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Toxaphene (technical grade)	0.07	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Aroclor-1016	0.035	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Aroclor-1221	0.035	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Aroclor-1232	0.035	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Aroclor-1242	0.035	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Aroclor-1248	0.035	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Aroclor-1254	0.035	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Aroclor-1260	0.035	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Tetrachloroethane[1,1,1,2-]	0.0076	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Trichloroethane[1,1,1-]	0.0076	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Tetrachloroethane[1,1,2,2-]	0.0076	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Trichloroethane[1,1,2-]	0.0076	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Dichloroethane[1,1-]	0.0076	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Dichloroethene[1,1-]	0.0076	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Dichloropropene[1,1-]	0.0076	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Trichloropropane[1,2,3-]	0.0076	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Trimethylbenzene[1,2,4-]	0.0076	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Dibromo-3-chloropropane[1,2-]	0.015	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Dibromoethane[1,2-]	0.0076	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Dichlorobenzene[1,2-]	0.0076	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Dichloroethane[1,2-]	0.0076	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Dichloroethene[cis/trans-1,2-]	0.0076	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Dichloropropane[1,2-]	0.0076	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Trimethylbenzene[1,3,5-]	0.0076	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Dichlorobenzene[1,3-]	0.0076	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Dichloropropane[1,3-]	0.0076	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Dichlorobenzene[1,4-]	0.0076	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Dichloropropane[2,2-]	0.0076	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Butanone[2-]	0.031	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Chlorotoluene[2-]	0.0076	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Hexanone[2-]	0.031	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Chlorotoluene[4-]	0.0076	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Isopropyltoluene[4-]	0.0076	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Methyl-2-pentanone[4-]	0.031	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Acetone	0.031	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Benzene	0.0076	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Bromobenzene	0.0076	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Bromochloromethane	0.0076	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Bromodichloromethane	0.0076	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Bromoform	0.0076	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Bromomethane	0.015	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Carbon disulfide	0.0076	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Carbon tetrachloride	0.0076	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Chlorobenzene	0.0076	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Chlorodibromomethane	0.0076	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Chloroethane	0.015	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Chloroform	0.0076	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Chloromethane	0.015	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Dichloropropene[cis-1,3-]	0.0076	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Dibromomethane	0.0076	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Dichlorodifluoromethane	0.015	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Ethylbenzene	0.0076	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Iodomethane	0.0076	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Isopropylbenzene	0.0076	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Methylene chloride	0.0076	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Butylbenzene[n-]	0.0076	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Propylbenzene[1-]	0.0076	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Butylbenzene[sec-]	0.0076	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Styrene	0.0076	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Butylbenzene[tert-]	0.0076	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Tetrachloroethene	0.0076	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Toluene	0.0076	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Dichloropropene[trans-1,3-]	0.0076	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Trichloroethene	0.0076	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Trichlorofluoromethane	0.015	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0076	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Vinyl chloride	0.015	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Xylene (total)	0.0076	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Trichlorobenzene[1,2,4-]	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Dichlorobenzene[1,2-]	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Dichlorobenzene[1,3-]	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Dichlorobenzene[1,4-]	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Trichlorophenol[2,4,5-]	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Trichlorophenol[2,4,6-]	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Dichlorophenol[2,4-]	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Dimethylphenol[2,4-]	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Dinitrophenol[2,4-]	1.7	mg/kg	UJ
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Dinitrotoluene[2,4-]	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Dinitrotoluene[2,6-]	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Chloronaphthalene[2-]	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Chlorophenol[2-]	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Methylnaphthalene[2-]	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Methylphenol[2-]	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Nitroaniline[2-]	1.7	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Nitrophenol[2-]	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Dichlorobenzidine[3,3'-]	1.7	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Nitroaniline[3-]	1.7	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Bromophenyl-phenylether[4-]	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Chloro-3-methylphenol[4-]	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Chloroaniline[4-]	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Chlorophenyl-phenyl[4-] ether	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Methylphenol[4-]	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Nitroaniline[4-]	1.7	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Nitrophenol[4-]	1.7	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Acenaphthene	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Acenaphthylene	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Aniline	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Anthracene	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Azobenzene	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Benzo(a)anthracene	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Benzo(a)pyrene	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Benzo(b)fluoranthene	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Benzo(g,h,i)perylene	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Benzo(k)fluoranthene	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Benzoic acid	0.099	mg/kg	J
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Benzyl alcohol	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Bis(2-chloroethoxy)methane	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Bis(2-chloroethyl)ether	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Bis(2-ethylhexyl)phthalate	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Butylbenzylphthalate	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Chrysene	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Di-n-butylphthalate	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Di-n-octylphthalate	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Dibenz(a,h)anthracene	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Dibenzofuran	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Diethylphthalate	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Dimethyl phthalate	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Fluoranthene	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Fluorene	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Hexachlorobenzene	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Hexachlorobutadiene	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Hexachlorocyclopentadiene	1.7	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Hexachloroethane	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Isophorone	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Nitrosodimethylamine[N-]	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Nitrosodiphenylamine[N-]	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Naphthalene	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Nitrobenzene	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Pentachlorophenol	1.7	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Phenanthrene	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Phenol	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Pyrene	0.35	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Aluminum	545	mg/kg	J+
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Arsenic	0.37	mg/kg	J

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Barium	4.8	mg/kg	J
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Beryllium	0.17	mg/kg	J
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Calcium	918	mg/kg	None
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Chromium	74.5	mg/kg	None
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Cobalt	0.51	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Copper	5.3	mg/kg	J
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Iron	4140	mg/kg	None
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Lead	2.2	mg/kg	None
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Magnesium	156	mg/kg	J
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Manganese	215	mg/kg	J-
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Nickel	33.2	mg/kg	None
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Potassium	244	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Selenium	0.46	mg/kg	J-
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Silver	0.47	mg/kg	U
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Sodium	160	mg/kg	J
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Thallium	1.6	mg/kg	J-
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Vanadium	1.4	mg/kg	J
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Zinc	22.6	mg/kg	None
21-11218	MD21-01-0298	17.0–18.0	Qbt3	Mercury	0.017	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Plutonium-239	0.00935	pCi/g	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Thorium-228	1.15	pCi/g	None
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Thorium-230	0.605	pCi/g	None
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Thorium-232	0.995	pCi/g	None
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Uranium-235	0.0296	pCi/g	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Europium-152	-0.0575	pCi/g	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Strontium-90	0.0706	pCi/g	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Americium-241	0.0131	pCi/g	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Uranium-234	0.726	pCi/g	None
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Uranium-238	0.737	pCi/g	None
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Cobalt-60	0.00184	pCi/g	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Plutonium-238	0	pCi/g	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Ruthenium-106	0.0588	pCi/g	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Cesium-137	-0.011	pCi/g	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Cesium-134	0.0888	pCi/g	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Tritium	935.618	pCi/g	None
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Antimony	0.89	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Cadmium	0.071	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	DDD[4,4'-]	0.0019	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	DDE[4,4'-]	0.0019	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	DDT[4,4'-]	0.0019	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Aldrin	0.0019	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	BHC[alpha-]	0.0019	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Chlordane[alpha-]	0.0019	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	BHC[beta-]	0.0019	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	BHC[delta-]	0.0019	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Dieldrin	0.0019	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Endosulfan I	0.0019	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Endosulfan II	0.0019	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Endosulfan sulfate	0.0019	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Endrin	0.0019	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Endrin aldehyde	0.0019	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Endrin ketone	0.0019	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	BHC[gamma-]	0.0019	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Chlordane[gamma-]	0.0019	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Heptachlor	0.0019	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Heptachlor epoxide	0.0019	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Methoxychlor[4,4'-]	0.0037	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Toxaphene (technical grade)	0.076	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Aroclor-1016	0.037	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Aroclor-1221	0.037	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Aroclor-1232	0.037	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Aroclor-1242	0.037	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Aroclor-1248	0.037	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Aroclor-1254	0.037	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Aroclor-1260	0.037	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Tetrachloroethane[1,1,1,2-]	0.006	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Trichloroethane[1,1,1-]	0.006	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Tetrachloroethane[1,1,2,2-]	0.006	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Trichloroethane[1,1,2-]	0.006	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Dichloroethane[1,1-]	0.006	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Dichloroethene[1,1-]	0.006	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Dichloropropene[1,1-]	0.006	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Trichloropropane[1,2,3-]	0.006	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Trimethylbenzene[1,2,4-]	0.006	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Dibromo-3-chloropropane[1,2-]	0.012	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Dibromoethane[1,2-]	0.006	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Dichlorobenzene[1,2-]	0.006	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Dichloroethane[1,2-]	0.006	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Dichloroethene[cis/trans-1,2-]	0.006	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Dichloropropane[1,2-]	0.006	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Trimethylbenzene[1,3,5-]	0.006	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Dichlorobenzene[1,3-]	0.006	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Dichloropropane[1,3-]	0.006	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Dichlorobenzene[1,4-]	0.006	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Dichloropropane[2,2-]	0.006	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Butanone[2-]	0.024	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Chlorotoluene[2-]	0.006	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Hexanone[2-]	0.024	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Chlorotoluene[4-]	0.006	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Isopropyltoluene[4-]	0.006	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Methyl-2-pentanone[4-]	0.024	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Acetone	0.024	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Benzene	0.006	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Bromobenzene	0.006	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Bromochloromethane	0.006	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Bromodichloromethane	0.006	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Bromoform	0.006	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Bromomethane	0.012	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Carbon disulfide	0.006	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Carbon tetrachloride	0.006	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Chlorobenzene	0.006	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Chlorodibromomethane	0.006	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Chloroethane	0.012	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Chloroform	0.006	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Chloromethane	0.012	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Dichloropropene[cis-1,3-]	0.006	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Dibromomethane	0.006	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Dichlorodifluoromethane	0.012	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Ethylbenzene	0.006	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Iodomethane	0.006	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Isopropylbenzene	0.006	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Methylene chloride	0.006	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Butylbenzene[n-]	0.006	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Propylbenzene[1-]	0.006	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Butylbenzene[sec-]	0.006	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Styrene	0.006	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Butylbenzene[tert-]	0.006	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Tetrachloroethene	0.006	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Toluene	0.006	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Dichloropropene[trans-1,3-]	0.006	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Trichloroethene	0.006	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Trichlorofluoromethane	0.012	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.006	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Vinyl chloride	0.012	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Xylene (total)	0.006	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Trichlorobenzene[1,2,4-]	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Dichlorobenzene[1,2-]	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Dichlorobenzene[1,3-]	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Dichlorobenzene[1,4-]	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Oxybis(1-chloropropane)[2,2'-]	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Trichlorophenol[2,4,5-]	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Trichlorophenol[2,4,6-]	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Dichlorophenol[2,4-]	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Dimethylphenol[2,4-]	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Dinitrophenol[2,4-]	1.8	mg/kg	UJ
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Dinitrotoluene[2,4-]	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Dinitrotoluene[2,6-]	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Chloronaphthalene[2-]	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Chlorophenol[2-]	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Methylnaphthalene[2-]	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Methylphenol[2-]	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Nitroaniline[2-]	1.8	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Nitrophenol[2-]	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Dichlorobenzidine[3,3'-]	1.8	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Nitroaniline[3-]	1.8	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Dinitro-2-methylphenol[4,6-]	1.8	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Bromophenyl-phenylether[4-]	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Chloro-3-methylphenol[4-]	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Chloroaniline[4-]	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Chlorophenyl-phenyl[4-] ether	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Methylphenol[4-]	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Nitroaniline[4-]	1.8	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Nitrophenol[4-]	1.8	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Acenaphthene	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Acenaphthylene	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Aniline	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Anthracene	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Azobenzene	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Benzo(a)anthracene	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Benzo(a)pyrene	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Benzo(b)fluoranthene	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Benzo(g,h,i)perylene	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Benzo(k)fluoranthene	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Benzoic acid	0.11	mg/kg	J
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Benzyl alcohol	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Bis(2-chloroethoxy)methane	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Bis(2-chloroethyl)ether	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Bis(2-ethylhexyl)phthalate	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Butylbenzylphthalate	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Chrysene	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Di-n-butylphthalate	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Di-n-octylphthalate	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Dibenz(a,h)anthracene	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Dibenzofuran	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Diethylphthalate	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Dimethyl phthalate	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Fluoranthene	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Fluorene	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Hexachlorobenzene	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Hexachlorobutadiene	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Hexachlorocyclopentadiene	1.8	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Hexachloroethane	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Indeno(1,2,3-cd)pyrene	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Isophorone	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Nitroso-di-n-propylamine[N-]	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Nitrosodimethylamine[N-]	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Nitrosodiphenylamine[N-]	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Naphthalene	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Nitrobenzene	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Pentachlorophenol	1.8	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Phenanthrene	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Phenol	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Pyrene	0.37	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Aluminum	733	mg/kg	J+
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Arsenic	0.12	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Barium	6.7	mg/kg	J
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Beryllium	0.18	mg/kg	J
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Calcium	830	mg/kg	None
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Chromium	9.8	mg/kg	None
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Cobalt	0.78	mg/kg	J
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Copper	15.1	mg/kg	J
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Iron	4340	mg/kg	None
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Lead	3	mg/kg	None
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Magnesium	195	mg/kg	J

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Manganese	217	mg/kg	J-
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Nickel	6.5	mg/kg	None
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Potassium	287	mg/kg	J
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Selenium	0.4	mg/kg	J-
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Silver	0.51	mg/kg	U
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Sodium	156	mg/kg	J
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Thallium	0.36	mg/kg	J
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Vanadium	1	mg/kg	J
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Zinc	35.7	mg/kg	None
21-11217	MD21-01-0299	17.0–17.75	Qbt3	Mercury	0.019	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Americium-241	0.00321	pCi/g	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Cobalt-60	-0.0128	pCi/g	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Cesium-134	0.122	pCi/g	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Cesium-137	-0.00459	pCi/g	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Europium-152	0.00576	pCi/g	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Tritium	1328.415	pCi/g	None
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Plutonium-238	-0.0007	pCi/g	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Plutonium-239	0.0116	pCi/g	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Ruthenium-106	0.00956	pCi/g	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Strontium-90	0.0542	pCi/g	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Uranium-234	0.723	pCi/g	None
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Uranium-235	0.029	pCi/g	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Uranium-238	0.736	pCi/g	None
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Thorium-228	1.07	pCi/g	None
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Thorium-230	0.612	pCi/g	None
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Thorium-232	0.973	pCi/g	None
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Antimony	0.86	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Cadmium	0.068	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	DDD[4,4'-]	0.0019	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	DDE[4,4'-]	0.0019	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	DDT[4,4'-]	0.0019	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Aldrin	0.0019	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	BHC[alpha-]	0.0019	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Chlordane[alpha-]	0.0019	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	BHC[beta-]	0.0019	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	BHC[delta-]	0.0019	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Dieldrin	0.0019	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Endosulfan I	0.0019	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Endosulfan II	0.0019	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Endosulfan sulfate	0.0019	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Endrin	0.0019	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Endrin aldehyde	0.0019	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Endrin ketone	0.0019	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	BHC[gamma-]	0.0019	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Chlordane[gamma-]	0.0019	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Heptachlor	0.0019	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Heptachlor epoxide	0.0019	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Methoxychlor[4,4'-]	0.0036	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Toxaphene (technical grade)	0.073	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Aroclor-1016	0.036	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Aroclor-1221	0.036	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Aroclor-1232	0.036	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Aroclor-1242	0.036	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Aroclor-1248	0.036	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Aroclor-1254	0.036	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Aroclor-1260	0.036	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Tetrachloroethane[1,1,1,2-]	0.0071	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Trichloroethane[1,1,1-]	0.0071	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Tetrachloroethane[1,1,2,2-]	0.0071	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Trichloroethane[1,1,2-]	0.0071	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Dichloroethane[1,1-]	0.0071	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Dichloroethene[1,1-]	0.0071	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Dichloropropene[1,1-]	0.0071	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Trichloropropane[1,2,3-]	0.0071	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Trimethylbenzene[1,2,4-]	0.0071	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Dibromo-3-chloropropane[1,2-]	0.014	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Dibromoethane[1,2-]	0.0071	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Dichlorobenzene[1,2-]	0.0071	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Dichloroethane[1,2-]	0.0071	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Dichloroethene[cis/trans-1,2-]	0.0071	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Dichloropropane[1,2-]	0.0071	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Trimethylbenzene[1,3,5-]	0.0071	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Dichlorobenzene[1,3-]	0.0071	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Dichloropropane[1,3-]	0.0071	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Dichlorobenzene[1,4-]	0.0071	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Dichloropropane[2,2-]	0.0071	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Butanone[2-]	0.028	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Chlorotoluene[2-]	0.0071	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Hexanone[2-]	0.028	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Chlorotoluene[4-]	0.0071	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Isopropyltoluene[4-]	0.0071	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Methyl-2-pentanone[4-]	0.028	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Acetone	0.016	mg/kg	J
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Benzene	0.0071	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Bromobenzene	0.0071	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Bromochloromethane	0.0071	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Bromodichloromethane	0.0071	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Bromoform	0.0071	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Bromomethane	0.014	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Carbon disulfide	0.0071	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Carbon tetrachloride	0.0071	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Chlorobenzene	0.0071	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Chlorodibromomethane	0.0071	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Chloroethane	0.014	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Chloroform	0.0071	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Chloromethane	0.014	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Dichloropropene[cis-1,3-]	0.0071	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Dibromomethane	0.0071	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Dichlorodifluoromethane	0.014	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Ethylbenzene	0.0071	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Iodomethane	0.0071	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Isopropylbenzene	0.0071	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Methylene chloride	0.0071	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Butylbenzene[n-]	0.0071	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Propylbenzene[1-]	0.0071	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Butylbenzene[sec-]	0.0071	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Styrene	0.0071	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Butylbenzene[tert-]	0.0071	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Tetrachloroethene	0.0071	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Toluene	0.0071	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Dichloropropene[trans-1,3-]	0.0071	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Trichloroethene	0.0071	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Trichlorofluoromethane	0.014	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0071	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Vinyl chloride	0.014	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Xylene (total)	0.0071	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Trichlorobenzene[1,2,4-]	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Dichlorobenzene[1,2-]	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Dichlorobenzene[1,3-]	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Dichlorobenzene[1,4-]	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Oxybis(1-chloropropane)[2,2'-]	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Trichlorophenol[2,4,5-]	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Trichlorophenol[2,4,6-]	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Dichlorophenol[2,4-]	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Dimethylphenol[2,4-]	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Dinitrophenol[2,4-]	1.7	mg/kg	UJ
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Dinitrotoluene[2,4-]	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Dinitrotoluene[2,6-]	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Chloronaphthalene[2-]	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Chlorophenol[2-]	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Methylnaphthalene[2-]	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Methylphenol[2-]	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Nitroaniline[2-]	1.7	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Nitrophenol[2-]	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Dichlorobenzidine[3,3'-]	1.7	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Nitroaniline[3-]	1.7	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Bromophenyl-phenylether[4-]	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Chloro-3-methylphenol[4-]	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Chloroaniline[4-]	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Chlorophenyl-phenyl[4-] ether	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Methylphenol[4-]	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Nitroaniline[4-]	1.7	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Nitrophenol[4-]	1.7	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Acenaphthene	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Acenaphthylene	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Aniline	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Anthracene	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Azobenzene	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Benzo(a)anthracene	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Benzo(a)pyrene	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Benzo(b)fluoranthene	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Benzo(g,h,i)perylene	0.36	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Benzo(k)fluoranthene	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Benzoic acid	0.089	mg/kg	J
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Benzyl alcohol	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Bis(2-chloroethoxy)methane	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Bis(2-chloroethyl)ether	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Bis(2-ethylhexyl)phthalate	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Butylbenzylphthalate	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Chrysene	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Di-n-butylphthalate	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Di-n-octylphthalate	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Dibenz(a,h)anthracene	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Dibenzofuran	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Diethylphthalate	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Dimethyl phthalate	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Fluoranthene	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Fluorene	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Hexachlorobenzene	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Hexachlorobutadiene	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Hexachlorocyclopentadiene	1.7	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Hexachloroethane	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Indeno(1,2,3-cd)pyrene	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Isophorone	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Nitroso-di-n-propylamine[N-]	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Nitrosodimethylamine[N-]	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Nitrosodiphenylamine[N-]	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Naphthalene	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Nitrobenzene	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Pentachlorophenol	1.7	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Phenanthrene	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Phenol	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Pyrene	0.36	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Aluminum	3590	mg/kg	J+
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Arsenic	0.59	mg/kg	J
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Barium	48.7	mg/kg	None
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Beryllium	0.45	mg/kg	J
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Calcium	11300	mg/kg	None
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Chromium	6.6	mg/kg	None
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Cobalt	0.9	mg/kg	J
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Copper	2.5	mg/kg	J
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Iron	5260	mg/kg	None
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Lead	5.3	mg/kg	None
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Magnesium	1220	mg/kg	None
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Manganese	183	mg/kg	J-
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Nickel	4.9	mg/kg	None
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Potassium	576	mg/kg	None
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Selenium	0.26	mg/kg	J-
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Silver	0.49	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Sodium	115	mg/kg	J
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Thallium	0.28	mg/kg	U
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Vanadium	5.8	mg/kg	None
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Zinc	24.9	mg/kg	None

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11219	MD21-01-0300	8.0–9.0	Qbt3	Mercury	0.037	mg/kg	None
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Plutonium-239	0.00139	pCi/g	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Thorium-228	1.32	pCi/g	None
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Thorium-230	0.735	pCi/g	None
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Thorium-232	1.12	pCi/g	None
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Uranium-235	0.0375	pCi/g	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Ruthenium-106	0.0167	pCi/g	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Uranium-238	0.735	pCi/g	None
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Tritium	592.5342	pCi/g	None
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Plutonium-238	0.00313	pCi/g	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Strontium-90	0.0409	pCi/g	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Europium-152	0.0193	pCi/g	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Cesium-137	-0.0196	pCi/g	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Americium-241	0.00144	pCi/g	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Uranium-234	0.667	pCi/g	None
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Cesium-134	0.0751	pCi/g	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Cobalt-60	0.004	pCi/g	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Antimony	0.83	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Cadmium	0.066	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	DDD[4,4'-]	0.0018	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	DDE[4,4'-]	0.0018	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	DDT[4,4'-]	0.0018	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Aldrin	0.0018	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	BHC[alpha-]	0.0018	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Chlordane[alpha-]	0.0018	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	BHC[beta-]	0.0018	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	BHC[delta-]	0.0018	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Dieldrin	0.0018	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Endosulfan I	0.0018	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Endosulfan II	0.0018	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Endosulfan sulfate	0.0018	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Endrin	0.0018	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Endrin aldehyde	0.0018	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Endrin ketone	0.0018	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	BHC[gamma-]	0.0018	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Chlordane[gamma-]	0.0018	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Heptachlor	0.0018	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Heptachlor epoxide	0.0018	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Methoxychlor[4,4'-]	0.0035	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Toxaphene (technical grade)	0.07	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Aroclor-1016	0.035	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Aroclor-1221	0.035	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Aroclor-1232	0.035	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Aroclor-1242	0.035	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Aroclor-1248	0.035	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Aroclor-1254	0.035	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Aroclor-1260	0.035	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Tetrachloroethane[1,1,1,2-]	0.0062	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Trichloroethane[1,1,1-]	0.0062	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Tetrachloroethane[1,1,2,2-]	0.0062	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Trichloroethane[1,1,2-]	0.0062	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Dichloroethane[1,1-]	0.0062	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Dichloroethene[1,1-]	0.0062	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Dichloropropene[1,1-]	0.0062	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Trichloropropane[1,2,3-]	0.0062	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Trimethylbenzene[1,2,4-]	0.0062	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Dibromo-3-chloropropane[1,2-]	0.012	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Dibromoethane[1,2-]	0.0062	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Dichlorobenzene[1,2-]	0.0062	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Dichloroethane[1,2-]	0.0062	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Dichloroethene[cis/trans-1,2-]	0.0062	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Dichloropropane[1,2-]	0.0062	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Trimethylbenzene[1,3,5-]	0.0062	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Dichlorobenzene[1,3-]	0.0062	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Dichloropropane[1,3-]	0.0062	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Dichlorobenzene[1,4-]	0.0062	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Dichloropropane[2,2-]	0.0062	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Butanone[2-]	0.025	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Chlorotoluene[2-]	0.0062	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Hexanone[2-]	0.025	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Chlorotoluene[4-]	0.0062	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Isopropyltoluene[4-]	0.0062	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Methyl-2-pentanone[4-]	0.025	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Acetone	0.025	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Benzene	0.0062	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Bromobenzene	0.0062	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Bromochloromethane	0.0062	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Bromodichloromethane	0.0062	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Bromoform	0.0062	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Bromomethane	0.012	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Carbon disulfide	0.0062	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Carbon tetrachloride	0.0062	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Chlorobenzene	0.0062	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Chlorodibromomethane	0.0062	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Chloroethane	0.012	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Chloroform	0.0062	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Chloromethane	0.012	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Dichloropropene[cis-1,3-]	0.0062	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Dibromomethane	0.0062	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Dichlorodifluoromethane	0.012	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Ethylbenzene	0.0062	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Iodomethane	0.0062	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Isopropylbenzene	0.0062	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Methylene chloride	0.0062	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Butylbenzene[n-]	0.0062	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Propylbenzene[1-]	0.0062	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Butylbenzene[sec-]	0.0062	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Styrene	0.0062	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Butylbenzene[tert-]	0.0062	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Tetrachloroethene	0.0062	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Toluene	0.0062	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Dichloropropene[trans-1,3-]	0.0062	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Trichloroethene	0.0062	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Trichlorofluoromethane	0.012	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0062	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Vinyl chloride	0.012	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Xylene (total)	0.0062	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Trichlorobenzene[1,2,4-]	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Dichlorobenzene[1,2-]	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Dichlorobenzene[1,3-]	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Dichlorobenzene[1,4-]	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Trichlorophenol[2,4,5-]	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Trichlorophenol[2,4,6-]	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Dichlorophenol[2,4-]	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Dimethylphenol[2,4-]	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Dinitrophenol[2,4-]	1.7	mg/kg	UJ
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Dinitrotoluene[2,4-]	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Dinitrotoluene[2,6-]	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Chloronaphthalene[2-]	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Chlorophenol[2-]	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Methylnaphthalene[2-]	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Methylphenol[2-]	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Nitroaniline[2-]	1.7	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Nitrophenol[2-]	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Dichlorobenzidine[3,3'-]	1.7	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Nitroaniline[3-]	1.7	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Bromophenyl-phenylether[4-]	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Chloro-3-methylphenol[4-]	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Chloroaniline[4-]	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Chlorophenyl-phenyl[4-] ether	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Methylphenol[4-]	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Nitroaniline[4-]	1.7	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Nitrophenol[4-]	1.7	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Acenaphthene	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Acenaphthylene	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Aniline	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Anthracene	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Azobenzene	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Benzo(a)anthracene	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Benzo(a)pyrene	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Benzo(b)fluoranthene	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Benzo(g,h,i)perylene	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Benzo(k)fluoranthene	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Benzoic acid	1.7	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Benzyl alcohol	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Bis(2-chloroethoxy)methane	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Bis(2-chloroethyl)ether	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Bis(2-ethylhexyl)phthalate	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Butylbenzylphthalate	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Chrysene	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Di-n-butylphthalate	0.35	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Di-n-octylphthalate	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Dibenz(a,h)anthracene	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Dibenzofuran	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Diethylphthalate	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Dimethyl phthalate	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Fluoranthene	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Fluorene	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Hexachlorobenzene	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Hexachlorobutadiene	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Hexachlorocyclopentadiene	1.7	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Hexachloroethane	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Isophorone	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Nitrosodimethylamine[N-]	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Nitrosodiphenylamine[N-]	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Naphthalene	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Nitrobenzene	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Pentachlorophenol	1.7	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Phenanthrene	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Phenol	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Pyrene	0.35	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Aluminum	571	mg/kg	J+
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Arsenic	0.18	mg/kg	J
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Barium	7.9	mg/kg	J
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Beryllium	0.17	mg/kg	J
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Calcium	1800	mg/kg	None
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Chromium	56.9	mg/kg	None
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Cobalt	0.52	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Copper	1.4	mg/kg	J
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Iron	3410	mg/kg	None
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Lead	2.5	mg/kg	None
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Magnesium	195	mg/kg	J
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Manganese	174	mg/kg	J-
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Nickel	28	mg/kg	None
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Potassium	245	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Selenium	0.32	mg/kg	J
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Silver	0.47	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Sodium	152	mg/kg	J
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Thallium	0.16	mg/kg	U
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Vanadium	1.1	mg/kg	J
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Zinc	20.7	mg/kg	None
21-11219	MD21-01-0301	12.0–13.0	Qbt3	Mercury	0.018	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Americium-241	0.01	pCi/g	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Cesium-134	-0.01	pCi/g	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Cesium-137	-0.09	pCi/g	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Cobalt-60	-0.018	pCi/g	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Europium-152	0.4	pCi/g	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Ruthenium-106	0.2	pCi/g	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Uranium-235	-0.16	pCi/g	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Americium-241	0.028	pCi/g	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Plutonium-238	0.031	pCi/g	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Plutonium-239	0.018	pCi/g	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Thorium-228	1.38	pCi/g	None
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Thorium-230	0.84	pCi/g	None
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Thorium-232	1.3	pCi/g	None
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Uranium-234	0.7	pCi/g	None
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Uranium-235	0.043	pCi/g	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Uranium-238	0.76	pCi/g	None
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Strontium-90	-0.03	pCi/g	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Tritium	1220	pCi/g	None
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Antimony	0.82	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Cadmium	0.066	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	DDD[4,4'-]	0.0018	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	DDE[4,4'-]	0.0018	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	DDT[4,4'-]	0.0018	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Aldrin	0.0018	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	BHC[alpha-]	0.0018	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Chlordane[alpha-]	0.0018	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	BHC[beta-]	0.0018	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	BHC[delta-]	0.0018	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Dieldrin	0.0018	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Endosulfan I	0.0018	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Endosulfan II	0.0018	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Endosulfan sulfate	0.0018	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Endrin	0.0018	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Endrin aldehyde	0.0018	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Endrin ketone	0.0018	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	BHC[gamma-]	0.0018	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Chlordane[gamma-]	0.0018	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Heptachlor	0.0018	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Heptachlor epoxide	0.0018	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Methoxychlor[4,4'-]	0.0035	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Toxaphene (technical grade)	0.07	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Aroclor-1016	0.035	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Aroclor-1221	0.035	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Aroclor-1232	0.035	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Aroclor-1242	0.035	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Aroclor-1248	0.035	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Aroclor-1254	0.035	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Aroclor-1260	0.035	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Tetrachloroethane[1,1,1,2-]	0.0071	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Trichloroethane[1,1,1-]	0.0071	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Tetrachloroethane[1,1,2,2-]	0.0071	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Trichloroethane[1,1,2-]	0.0071	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Dichloroethane[1,1-]	0.0071	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Dichloroethene[1,1-]	0.0071	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Dichloropropene[1,1-]	0.0071	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Trichloropropane[1,2,3-]	0.0071	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Trimethylbenzene[1,2,4-]	0.0071	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Dibromo-3-chloropropane[1,2-]	0.014	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Dibromoethane[1,2-]	0.0071	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Dichlorobenzene[1,2-]	0.0071	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Dichloroethane[1,2-]	0.0071	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Dichloroethene[cis/trans-1,2-]	0.0071	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Dichloropropane[1,2-]	0.0071	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Trimethylbenzene[1,3,5-]	0.0071	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Dichlorobenzene[1,3-]	0.0071	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Dichloropropane[1,3-]	0.0071	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Dichlorobenzene[1,4-]	0.0071	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Dichloropropane[2,2-]	0.0071	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Butanone[2-]	0.028	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Chlorotoluene[2-]	0.0071	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Hexanone[2-]	0.028	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Chlorotoluene[4-]	0.0071	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Isopropyltoluene[4-]	0.0071	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Methyl-2-pentanone[4-]	0.028	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Acetone	0.028	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Benzene	0.0071	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Bromobenzene	0.0071	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Bromochloromethane	0.0071	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Bromodichloromethane	0.0071	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Bromoform	0.0071	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Bromomethane	0.014	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Carbon disulfide	0.0071	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Carbon tetrachloride	0.0071	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Chlorobenzene	0.0071	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Chlorodibromomethane	0.0071	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Chloroethane	0.014	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Chloroform	0.0071	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Chloromethane	0.014	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Dichloropropene[cis-1,3-]	0.0071	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Dibromomethane	0.0071	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Dichlorodifluoromethane	0.014	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Ethylbenzene	0.0071	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Iodomethane	0.0071	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Isopropylbenzene	0.0071	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Methylene chloride	0.0071	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Butylbenzene[n-]	0.0071	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Propylbenzene[1-]	0.0071	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Butylbenzene[sec-]	0.0071	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Styrene	0.0071	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Butylbenzene[tert-]	0.0071	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Tetrachloroethene	0.003	mg/kg	J
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Toluene	0.0071	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Dichloropropene[trans-1,3-]	0.0071	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Trichloroethene	0.0071	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Trichlorofluoromethane	0.014	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0071	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Vinyl chloride	0.014	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Xylene (total)	0.0071	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Trichlorobenzene[1,2,4-]	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Dichlorobenzene[1,2-]	0.35	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Dichlorobenzene[1,3-]	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Dichlorobenzene[1,4-]	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Trichlorophenol[2,4,5-]	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Trichlorophenol[2,4,6-]	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Dichlorophenol[2,4-]	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Dimethylphenol[2,4-]	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Dinitrophenol[2,4-]	1.7	mg/kg	UJ
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Dinitrotoluene[2,4-]	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Dinitrotoluene[2,6-]	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Chloronaphthalene[2-]	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Chlorophenol[2-]	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Methylnaphthalene[2-]	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Methylphenol[2-]	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Nitroaniline[2-]	1.7	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Nitrophenol[2-]	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Dichlorobenzidine[3,3'-]	1.7	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Nitroaniline[3-]	1.7	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Bromophenyl-phenylether[4-]	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Chloro-3-methylphenol[4-]	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Chloroaniline[4-]	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Chlorophenyl-phenyl[4-] ether	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Methylphenol[4-]	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Nitroaniline[4-]	1.7	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Nitrophenol[4-]	1.7	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Acenaphthene	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Acenaphthylene	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Aniline	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Anthracene	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Azobenzene	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Benzo(a)anthracene	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Benzo(a)pyrene	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Benzo(b)fluoranthene	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Benzo(g,h,i)perylene	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Benzo(k)fluoranthene	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Benzoic acid	1.7	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Benzyl alcohol	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Bis(2-chloroethoxy)methane	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Bis(2-chloroethyl)ether	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Bis(2-ethylhexyl)phthalate	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Butylbenzylphthalate	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Chrysene	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Di-n-butylphthalate	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Di-n-octylphthalate	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Dibenz(a,h)anthracene	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Dibenzofuran	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Diethylphthalate	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Dimethyl phthalate	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Fluoranthene	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Fluorene	0.35	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Hexachlorobenzene	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Hexachlorobutadiene	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Hexachlorocyclopentadiene	1.7	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Hexachloroethane	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Isophorone	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Nitrosodimethylamine[N-]	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Nitrosodiphenylamine[N-]	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Naphthalene	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Nitrobenzene	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Pentachlorophenol	1.7	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Phenanthrene	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Phenol	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Pyrene	0.35	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Aluminum	256	mg/kg	J+
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Arsenic	0.35	mg/kg	J
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Barium	3.4	mg/kg	J
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Beryllium	0.14	mg/kg	J
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Calcium	256	mg/kg	J
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Chromium	19.9	mg/kg	None
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Cobalt	0.52	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Copper	0.59	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Iron	3010	mg/kg	None
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Lead	1.5	mg/kg	None
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Magnesium	117	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Manganese	161	mg/kg	J-
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Nickel	9.4	mg/kg	None
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Potassium	245	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Selenium	0.21	mg/kg	J
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Silver	0.64	mg/kg	J
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Sodium	147	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Thallium	1.1	mg/kg	J-
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Vanadium	2.1	mg/kg	U
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Zinc	17.1	mg/kg	None
21-11216	MD21-01-0302	8.25–9.0	Qbt3	Mercury	0.034	mg/kg	J
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Americium-241	0.06	pCi/g	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Cesium-134	0.009	pCi/g	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Cesium-137	-0.065	pCi/g	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Cobalt-60	-0.05	pCi/g	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Europium-152	0.04	pCi/g	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Ruthenium-106	-0.08	pCi/g	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Uranium-235	-0.09	pCi/g	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Americium-241	-0.007	pCi/g	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Plutonium-238	-0.009	pCi/g	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Plutonium-239	0.03	pCi/g	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Thorium-228	1.27	pCi/g	None
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Thorium-230	0.81	pCi/g	None
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Thorium-232	1.15	pCi/g	None
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Uranium-234	0.65	pCi/g	None
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Uranium-235	0.164	pCi/g	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Uranium-238	0.67	pCi/g	None
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Strontium-90	0.03	pCi/g	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Tritium	653	pCi/g	None
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Antimony	0.82	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Cadmium	0.065	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	DDD[4,4'-]	0.0018	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	DDE[4,4'-]	0.0018	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	DDT[4,4'-]	0.0018	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Aldrin	0.0018	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	BHC[alpha-]	0.0018	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Chlordane[alpha-]	0.0018	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	BHC[beta-]	0.0018	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	BHC[delta-]	0.0018	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Dieldrin	0.0018	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Endosulfan I	0.0018	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Endosulfan II	0.0018	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Endosulfan sulfate	0.0018	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Endrin	0.0018	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Endrin aldehyde	0.0018	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Endrin ketone	0.0018	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	BHC[gamma-]	0.0018	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Chlordane[gamma-]	0.0018	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Heptachlor	0.0018	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Heptachlor epoxide	0.0018	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Methoxychlor[4,4'-]	0.0034	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Toxaphene (technical grade)	0.07	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Aroclor-1016	0.034	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Aroclor-1221	0.034	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Aroclor-1232	0.034	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Aroclor-1242	0.034	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Aroclor-1248	0.034	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Aroclor-1254	0.034	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Aroclor-1260	0.034	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Tetrachloroethane[1,1,1,2-]	0.0072	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Trichloroethane[1,1,1-]	0.0072	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Tetrachloroethane[1,1,2,2-]	0.0072	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Trichloroethane[1,1,2-]	0.0072	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Dichloroethane[1,1-]	0.0072	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Dichloroethene[1,1-]	0.0072	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Dichloropropene[1,1-]	0.0072	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Trichloropropane[1,2,3-]	0.0072	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Trimethylbenzene[1,2,4-]	0.0072	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Dibromo-3-chloropropane[1,2-]	0.014	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Dibromoethane[1,2-]	0.0072	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Dichlorobenzene[1,2-]	0.0072	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Dichloroethane[1,2-]	0.0072	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Dichloroethene[cis/trans-1,2-]	0.0072	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Dichloropropane[1,2-]	0.0072	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Trimethylbenzene[1,3,5-]	0.0072	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Dichlorobenzene[1,3-]	0.0072	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Dichloropropane[1,3-]	0.0072	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Dichlorobenzene[1,4-]	0.0072	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Dichloropropane[2,2-]	0.0072	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Butanone[2-]	0.029	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Chlorotoluene[2-]	0.0072	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Hexanone[2-]	0.029	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Chlorotoluene[4-]	0.0072	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Isopropyltoluene[4-]	0.0072	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Methyl-2-pentanone[4-]	0.029	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Acetone	0.029	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Benzene	0.0072	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Bromobenzene	0.0072	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Bromochloromethane	0.0072	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Bromodichloromethane	0.0072	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Bromoform	0.0072	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Bromomethane	0.014	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Carbon disulfide	0.0072	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Carbon tetrachloride	0.0072	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Chlorobenzene	0.0072	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Chlorodibromomethane	0.0072	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Chloroethane	0.014	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Chloroform	0.0072	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Chloromethane	0.014	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Dichloropropene[cis-1,3-]	0.0072	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Dibromomethane	0.0072	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Dichlorodifluoromethane	0.014	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Ethylbenzene	0.0072	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Iodomethane	0.0072	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Isopropylbenzene	0.0072	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Methylene chloride	0.0072	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Butylbenzene[n-]	0.0072	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Propylbenzene[1-]	0.0072	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Butylbenzene[sec-]	0.0072	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Styrene	0.0072	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Butylbenzene[tert-]	0.0072	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Tetrachloroethene	0.0022	mg/kg	J
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Toluene	0.0072	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Dichloropropene[trans-1,3-]	0.0072	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Trichloroethene	0.0072	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Trichlorofluoromethane	0.014	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Trichlorotrifluoroethane	0.0072	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Vinyl chloride	0.014	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Xylene (total)	0.0072	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Trichlorobenzene[1,2,4-]	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Dichlorobenzene[1,2-]	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Dichlorobenzene[1,3-]	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Dichlorobenzene[1,4-]	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Oxybis(1-chloropropane)[2,2'-]	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Trichlorophenol[2,4,5-]	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Trichlorophenol[2,4,6-]	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Dichlorophenol[2,4-]	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Dimethylphenol[2,4-]	0.34	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Dinitrophenol[2,4-]	1.7	mg/kg	UJ
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Dinitrotoluene[2,4-]	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Dinitrotoluene[2,6-]	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Chloronaphthalene[2-]	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Chlorophenol[2-]	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Methylnaphthalene[2-]	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Methylphenol[2-]	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Nitroaniline[2-]	1.7	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Nitrophenol[2-]	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Dichlorobenzidine[3,3'-]	1.7	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Nitroaniline[3-]	1.7	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Bromophenyl-phenylether[4-]	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Chloro-3-methylphenol[4-]	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Chloroaniline[4-]	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Chlorophenyl-phenyl[4-] ether	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Methylphenol[4-]	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Nitroaniline[4-]	1.7	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Nitrophenol[4-]	1.7	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Acenaphthene	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Acenaphthylene	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Aniline	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Anthracene	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Azobenzene	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Benzo(a)anthracene	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Benzo(a)pyrene	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Benzo(b)fluoranthene	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Benzo(g,h,i)perylene	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Benzo(k)fluoranthene	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Benzoic acid	1.7	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Benzyl alcohol	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Bis(2-chloroethoxy)methane	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Bis(2-chloroethyl)ether	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Bis(2-ethylhexyl)phthalate	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Butylbenzylphthalate	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Chrysene	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Di-n-butylphthalate	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Di-n-octylphthalate	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Dibenz(a,h)anthracene	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Dibenzofuran	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Diethylphthalate	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Dimethyl phthalate	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Fluoranthene	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Fluorene	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Hexachlorobenzene	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Hexachlorobutadiene	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Hexachlorocyclopentadiene	1.7	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Hexachloroethane	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Indeno(1,2,3-cd)pyrene	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Isophorone	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Nitroso-di-n-propylamine[N-]	0.34	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Nitrosodimethylamine[N-]	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Nitrosodiphenylamine[N-]	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Naphthalene	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Nitrobenzene	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Pentachlorophenol	1.7	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Phenanthrene	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Phenol	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Pyrene	0.34	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Aluminum	620	mg/kg	J+
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Arsenic	0.17	mg/kg	J
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Barium	6.4	mg/kg	J
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Beryllium	0.25	mg/kg	J
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Calcium	517	mg/kg	J
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Chromium	21.2	mg/kg	None
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Cobalt	0.51	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Copper	1	mg/kg	J
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Iron	3300	mg/kg	None
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Lead	2.9	mg/kg	None
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Magnesium	195	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Manganese	170	mg/kg	J-
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Nickel	10.5	mg/kg	None
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Potassium	281	mg/kg	J
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Selenium	0.21	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Silver	0.47	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Sodium	173	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Thallium	0.48	mg/kg	J-
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Vanadium	2.9	mg/kg	U
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Zinc	17.8	mg/kg	None
21-11216	MD21-01-0303	12.0–13.0	Qbt3	Mercury	0.017	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Americium-241	0.00654	pCi/g	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Cobalt-60	0.00296	pCi/g	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Cesium-134	0.0872	pCi/g	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Cesium-137	-0.0258	pCi/g	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Europium-152	-0.0933	pCi/g	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Tritium	13.76151	pCi/g	None
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Plutonium-238	-0.00043	pCi/g	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Plutonium-239	0.00648	pCi/g	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Ruthenium-106	-0.0451	pCi/g	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Strontium-90	0.0422	pCi/g	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Uranium-234	0.704	pCi/g	None
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Uranium-235	0.028	pCi/g	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Uranium-238	0.714	pCi/g	None
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Thorium-228	1.5	pCi/g	None
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Thorium-230	0.758	pCi/g	None
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Thorium-232	1.27	pCi/g	None
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Antimony	0.82	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Cadmium	0.065	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	DDD[4,4'-]	0.0018	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	DDE[4,4'-]	0.0018	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	DDT[4,4'-]	0.0018	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Aldrin	0.0018	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11221	MD21-01-0304	7.0–8.0	Qbt3	BHC[alpha-]	0.0018	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Chlordane[alpha-]	0.0018	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	BHC[beta-]	0.0018	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	BHC[delta-]	0.0018	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Dieldrin	0.0018	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Endosulfan I	0.0018	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Endosulfan II	0.0018	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Endosulfan sulfate	0.0018	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Endrin	0.0018	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Endrin aldehyde	0.0018	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Endrin ketone	0.0018	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	BHC[gamma-]	0.0018	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Chlordane[gamma-]	0.0018	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Heptachlor	0.0018	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Heptachlor epoxide	0.0018	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Methoxychlor[4,4'-]	0.0035	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Toxaphene (technical grade)	0.07	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Aroclor-1016	0.035	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Aroclor-1221	0.035	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Aroclor-1232	0.035	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Aroclor-1242	0.035	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Aroclor-1248	0.035	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Aroclor-1254	0.035	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Aroclor-1260	0.035	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Tetrachloroethane[1,1,1,2-]	0.0068	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Trichloroethane[1,1,1-]	0.0068	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Tetrachloroethane[1,1,2,2-]	0.0068	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Trichloroethane[1,1,2-]	0.0068	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Dichloroethane[1,1-]	0.0068	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Dichloroethene[1,1-]	0.0068	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Dichloropropene[1,1-]	0.0068	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Trichloropropane[1,2,3-]	0.0068	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Trimethylbenzene[1,2,4-]	0.0068	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Dibromo-3-chloropropane[1,2-]	0.014	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Dibromoethane[1,2-]	0.0068	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Dichlorobenzene[1,2-]	0.0068	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Dichloroethane[1,2-]	0.0068	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Dichloroethene[cis/trans-1,2-]	0.0068	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Dichloropropane[1,2-]	0.0068	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Trimethylbenzene[1,3,5-]	0.0068	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Dichlorobenzene[1,3-]	0.0068	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Dichloropropane[1,3-]	0.0068	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Dichlorobenzene[1,4-]	0.0068	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Dichloropropane[2,2-]	0.0068	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Butanone[2-]	0.027	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Chlorotoluene[2-]	0.0068	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Hexanone[2-]	0.027	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Chlorotoluene[4-]	0.0068	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Isopropyltoluene[4-]	0.0068	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Methyl-2-pentanone[4-]	0.027	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Acetone	0.027	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Benzene	0.0068	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Bromobenzene	0.0068	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Bromochloromethane	0.0068	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Bromodichloromethane	0.0068	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Bromoform	0.0068	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Bromomethane	0.014	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Carbon disulfide	0.0068	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Carbon tetrachloride	0.0068	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Chlorobenzene	0.0068	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Chlorodibromomethane	0.0068	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Chloroethane	0.014	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Chloroform	0.0068	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Chloromethane	0.014	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Dichloropropene[cis-1,3-]	0.0068	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Dibromomethane	0.0068	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Dichlorodifluoromethane	0.014	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Ethylbenzene	0.0068	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Iodomethane	0.0068	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Isopropylbenzene	0.0068	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Methylene chloride	0.0068	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Butylbenzene[n-]	0.0068	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Propylbenzene[1-]	0.0068	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Butylbenzene[sec-]	0.0068	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Styrene	0.0068	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Butylbenzene[tert-]	0.0068	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Tetrachloroethene	0.0068	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Toluene	0.0068	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Dichloropropene[trans-1,3-]	0.0068	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Trichloroethene	0.0068	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Trichlorofluoromethane	0.014	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0068	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Vinyl chloride	0.014	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Xylene (total)	0.0068	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Trichlorobenzene[1,2,4-]	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Dichlorobenzene[1,2-]	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Dichlorobenzene[1,3-]	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Dichlorobenzene[1,4-]	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Trichlorophenol[2,4,5-]	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Trichlorophenol[2,4,6-]	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Dichlorophenol[2,4-]	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Dimethylphenol[2,4-]	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Dinitrophenol[2,4-]	1.7	mg/kg	UJ
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Dinitrotoluene[2,4-]	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Dinitrotoluene[2,6-]	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Chloronaphthalene[2-]	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Chlorophenol[2-]	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Methylnaphthalene[2-]	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Methylphenol[2-]	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Nitroaniline[2-]	1.7	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Nitrophenol[2-]	0.35	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Dichlorobenzidine[3,3'-]	1.7	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Nitroaniline[3-]	1.7	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Bromophenyl-phenylether[4-]	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Chloro-3-methylphenol[4-]	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Chloroaniline[4-]	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Chlorophenyl-phenyl[4-] ether	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Methylphenol[4-]	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Nitroaniline[4-]	1.7	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Nitrophenol[4-]	1.7	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Acenaphthene	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Acenaphthylene	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Aniline	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Anthracene	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Azobenzene	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Benzo(a)anthracene	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Benzo(a)pyrene	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Benzo(b)fluoranthene	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Benzo(g,h,i)perylene	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Benzo(k)fluoranthene	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Benzoic acid	1.7	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Benzyl alcohol	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Bis(2-chloroethoxy)methane	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Bis(2-chloroethyl)ether	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Bis(2-ethylhexyl)phthalate	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Butylbenzylphthalate	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Chrysene	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Di-n-butylphthalate	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Di-n-octylphthalate	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Dibenz(a,h)anthracene	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Dibenzofuran	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Diethylphthalate	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Dimethyl phthalate	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Fluoranthene	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Fluorene	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Hexachlorobenzene	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Hexachlorobutadiene	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Hexachlorocyclopentadiene	1.7	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Hexachloroethane	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Isophorone	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Nitrosodimethylamine[N-]	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Nitrosodiphenylamine[N-]	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Naphthalene	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Nitrobenzene	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Pentachlorophenol	1.7	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Phenanthrene	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Phenol	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Pyrene	0.35	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Aluminum	557	mg/kg	J+

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Arsenic	0.12	mg/kg	J
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Barium	6.4	mg/kg	J
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Beryllium	0.15	mg/kg	J
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Calcium	772	mg/kg	None
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Chromium	1.2	mg/kg	None
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Cobalt	0.51	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Copper	0.81	mg/kg	J
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Iron	3650	mg/kg	None
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Lead	4.4	mg/kg	None
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Magnesium	188	mg/kg	J
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Manganese	196	mg/kg	J-
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Nickel	1.4	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Potassium	244	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Selenium	0.38	mg/kg	J-
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Silver	0.47	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Sodium	128	mg/kg	J
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Thallium	0.12	mg/kg	U
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Vanadium	0.74	mg/kg	J
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Zinc	21.1	mg/kg	None
21-11221	MD21-01-0304	7.0–8.0	Qbt3	Mercury	0.045	mg/kg	None
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Americium-241	0.0017	pCi/g	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Cobalt-60	-0.0228	pCi/g	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Cesium-134	0.0879	pCi/g	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Cesium-137	-0.0245	pCi/g	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Europium-152	0.0239	pCi/g	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Tritium	1444.456	pCi/g	None
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Plutonium-238	0	pCi/g	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Plutonium-239	0.00424	pCi/g	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Ruthenium-106	-0.0153	pCi/g	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Strontium-90	0.0309	pCi/g	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Uranium-234	0.717	pCi/g	None
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Uranium-235	0.0159	pCi/g	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Uranium-238	0.809	pCi/g	None
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Thorium-228	1.48	pCi/g	None
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Thorium-230	0.748	pCi/g	None
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Thorium-232	1.43	pCi/g	None
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Antimony	0.84	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Cadmium	0.067	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	DDD[4,4'-]	0.0018	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	DDE[4,4'-]	0.0018	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	DDT[4,4'-]	0.0018	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Aldrin	0.0018	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	BHC[alpha-]	0.0018	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Chlordane[alpha-]	0.0018	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	BHC[beta-]	0.0018	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	BHC[delta-]	0.0018	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Dieldrin	0.0018	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Endosulfan I	0.0018	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Endosulfan II	0.0018	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Endosulfan sulfate	0.0018	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Endrin	0.0018	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Endrin aldehyde	0.0018	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Endrin ketone	0.0018	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	BHC[gamma-]	0.0018	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Chlordane[gamma-]	0.0018	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Heptachlor	0.0018	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Heptachlor epoxide	0.0018	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Methoxychlor[4,4'-]	0.0036	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Toxaphene (technical grade)	0.072	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Aroclor-1016	0.036	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Aroclor-1221	0.036	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Aroclor-1232	0.036	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Aroclor-1242	0.036	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Aroclor-1248	0.036	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Aroclor-1254	0.036	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Aroclor-1260	0.036	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Tetrachloroethane[1,1,1,2-]	0.0068	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Trichloroethane[1,1,1-]	0.0068	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Tetrachloroethane[1,1,2,2-]	0.0068	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Trichloroethane[1,1,2-]	0.0068	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Dichloroethane[1,1-]	0.0068	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Dichloroethene[1,1-]	0.0068	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Dichloropropene[1,1-]	0.0068	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Trichloropropane[1,2,3-]	0.0068	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Trimethylbenzene[1,2,4-]	0.0068	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Dibromo-3-chloropropane[1,2-]	0.014	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Dibromoethane[1,2-]	0.0068	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Dichlorobenzene[1,2-]	0.0068	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Dichloroethane[1,2-]	0.0068	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Dichloroethene[cis/trans-1,2-]	0.0068	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Dichloropropane[1,2-]	0.0068	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Trimethylbenzene[1,3,5-]	0.0068	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Dichlorobenzene[1,3-]	0.0068	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Dichloropropane[1,3-]	0.0068	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Dichlorobenzene[1,4-]	0.0068	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Dichloropropane[2,2-]	0.0068	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Butanone[2-]	0.027	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Chlorotoluene[2-]	0.0068	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Hexanone[2-]	0.027	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Chlorotoluene[4-]	0.0068	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Isopropyltoluene[4-]	0.0068	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Methyl-2-pentanone[4-]	0.027	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Acetone	0.016	mg/kg	J
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Benzene	0.0068	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Bromobenzene	0.0068	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Bromochloromethane	0.0068	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Bromodichloromethane	0.0068	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Bromoform	0.0068	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Bromomethane	0.014	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Carbon disulfide	0.0068	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Carbon tetrachloride	0.0068	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Chlorobenzene	0.0068	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Chlorodibromomethane	0.0068	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Chloroethane	0.014	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Chloroform	0.0068	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Chloromethane	0.014	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Dichloropropene[cis-1,3-]	0.0068	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Dibromomethane	0.0068	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Dichlorodifluoromethane	0.014	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Ethylbenzene	0.0068	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Iodomethane	0.0068	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Isopropylbenzene	0.0068	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Methylene chloride	0.0068	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Butylbenzene[n-]	0.0068	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Propylbenzene[1-]	0.0068	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Butylbenzene[sec-]	0.0068	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Styrene	0.0068	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Butylbenzene[tert-]	0.0068	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Tetrachloroethene	0.0068	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Toluene	0.0068	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Dichloropropene[trans-1,3-]	0.0068	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Trichloroethene	0.0068	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Trichlorofluoromethane	0.014	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0068	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Vinyl chloride	0.014	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Xylene (total)	0.0068	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Trichlorobenzene[1,2,4-]	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Dichlorobenzene[1,2-]	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Dichlorobenzene[1,3-]	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Dichlorobenzene[1,4-]	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Oxybis(1-chloropropane)[2,2'-]	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Trichlorophenol[2,4,5-]	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Trichlorophenol[2,4,6-]	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Dichlorophenol[2,4-]	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Dimethylphenol[2,4-]	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Dinitrophenol[2,4-]	1.7	mg/kg	UJ
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Dinitrotoluene[2,4-]	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Dinitrotoluene[2,6-]	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Chloronaphthalene[2-]	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Chlorophenol[2-]	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Methylnaphthalene[2-]	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Methylphenol[2-]	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Nitroaniline[2-]	1.7	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Nitrophenol[2-]	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Dichlorobenzidine[3,3'-]	1.7	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Nitroaniline[3-]	1.7	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Bromophenyl-phenylether[4-]	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Chloro-3-methylphenol[4-]	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Chloroaniline[4-]	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Chlorophenyl-phenyl[4-] ether	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Methylphenol[4-]	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Nitroaniline[4-]	1.7	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Nitrophenol[4-]	1.7	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Acenaphthene	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Acenaphthylene	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Aniline	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Anthracene	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Azobenzene	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Benzo(a)anthracene	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Benzo(a)pyrene	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Benzo(b)fluoranthene	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Benzo(g,h,i)perylene	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Benzo(k)fluoranthene	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Benzoic acid	1.7	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Benzyl alcohol	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Bis(2-chloroethoxy)methane	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Bis(2-chloroethyl)ether	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Bis(2-ethylhexyl)phthalate	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Butylbenzylphthalate	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Chrysene	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Di-n-butylphthalate	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Di-n-octylphthalate	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Dibenz(a,h)anthracene	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Dibenzofuran	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Diethylphthalate	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Dimethyl phthalate	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Fluoranthene	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Fluorene	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Hexachlorobenzene	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Hexachlorobutadiene	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Hexachlorocyclopentadiene	1.7	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Hexachloroethane	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Indeno(1,2,3-cd)pyrene	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Isophorone	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Nitroso-di-n-propylamine[N-]	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Nitrosodimethylamine[N-]	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Nitrosodiphenylamine[N-]	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Naphthalene	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Nitrobenzene	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Pentachlorophenol	1.7	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Phenanthrene	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Phenol	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Pyrene	0.36	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Aluminum	3130	mg/kg	J+
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Arsenic	0.17	mg/kg	J
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Barium	28.3	mg/kg	None
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Beryllium	0.31	mg/kg	J
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Calcium	2940	mg/kg	None
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Chromium	77.5	mg/kg	None
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Cobalt	0.7	mg/kg	J
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Copper	2.4	mg/kg	J
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Iron	5130	mg/kg	None
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Lead	3.4	mg/kg	None

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Magnesium	614	mg/kg	None
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Manganese	191	mg/kg	J-
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Nickel	35.4	mg/kg	None
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Potassium	464	mg/kg	J
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Selenium	0.21	mg/kg	UJ
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Silver	0.48	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Sodium	117	mg/kg	J
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Thallium	0.12	mg/kg	U
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Vanadium	3.3	mg/kg	J
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Zinc	19.6	mg/kg	None
21-11219	MD21-01-0306	17.0–18.0	Qbt3	Mercury	0.018	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Americium-241	0.0014	pCi/g	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Cobalt-60	-0.026	pCi/g	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Cesium-134	0.0704	pCi/g	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Cesium-137	-0.00844	pCi/g	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Europium-152	-0.0205	pCi/g	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Tritium	97.75862	pCi/g	None
21-11220	MD21-01-0307	2.0–3.0	FILL	Plutonium-238	0	pCi/g	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Plutonium-239	0.0994	pCi/g	None
21-11220	MD21-01-0307	2.0–3.0	FILL	Ruthenium-106	0.05	pCi/g	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Strontium-90	0.0675	pCi/g	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Uranium-234	0.86	pCi/g	None
21-11220	MD21-01-0307	2.0–3.0	FILL	Uranium-235	0.0138	pCi/g	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Uranium-238	0.809	pCi/g	None
21-11220	MD21-01-0307	2.0–3.0	FILL	Thorium-228	1.42	pCi/g	None
21-11220	MD21-01-0307	2.0–3.0	FILL	Thorium-230	0.857	pCi/g	None
21-11220	MD21-01-0307	2.0–3.0	FILL	Thorium-232	1.34	pCi/g	None
21-11220	MD21-01-0307	2.0–3.0	FILL	Antimony	0.85	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Cadmium	0.067	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	DDD[4,4'-]	0.0018	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	DDE[4,4'-]	0.0018	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	DDT[4,4'-]	0.0028	mg/kg	None
21-11220	MD21-01-0307	2.0–3.0	FILL	Aldrin	0.0018	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	BHC[alpha-]	0.0018	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Chlordane[alpha-]	0.0018	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	BHC[beta-]	0.0018	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	BHC[delta-]	0.0018	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Dieldrin	0.0018	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Endosulfan I	0.0018	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Endosulfan II	0.0018	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Endosulfan sulfate	0.0018	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Endrin	0.0018	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Endrin aldehyde	0.0018	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Endrin ketone	0.0018	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	BHC[gamma-]	0.0018	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Chlordane[gamma-]	0.0018	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Heptachlor	0.0018	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Heptachlor epoxide	0.0018	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Methoxychlor[4,4'-]	0.0036	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Toxaphene (technical grade)	0.072	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Aroclor-1016	0.036	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11220	MD21-01-0307	2.0–3.0	FILL	Aroclor-1221	0.036	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Aroclor-1232	0.036	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Aroclor-1242	0.036	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Aroclor-1248	0.036	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Aroclor-1254	0.036	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Aroclor-1260	0.036	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Tetrachloroethane[1,1,1,2-]	0.0065	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Trichloroethane[1,1,1-]	0.0065	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Tetrachloroethane[1,1,2,2-]	0.0065	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Trichloroethane[1,1,2-]	0.0065	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Dichloroethane[1,1-]	0.0065	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Dichloroethene[1,1-]	0.0065	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Dichloropropene[1,1-]	0.0065	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Trichloropropane[1,2,3-]	0.0065	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Trimethylbenzene[1,2,4-]	0.0065	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Dibromo-3-chloropropane[1,2-]	0.013	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Dibromoethane[1,2-]	0.0065	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Dichlorobenzene[1,2-]	0.0065	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Dichloroethane[1,2-]	0.0065	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Dichloroethene[cis/trans-1,2-]	0.0065	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Dichloropropane[1,2-]	0.0065	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Trimethylbenzene[1,3,5-]	0.0065	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Dichlorobenzene[1,3-]	0.0065	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Dichloropropane[1,3-]	0.0065	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Dichlorobenzene[1,4-]	0.0065	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Dichloropropane[2,2-]	0.0065	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Butanone[2-]	0.026	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Chlorotoluene[2-]	0.0065	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Hexanone[2-]	0.026	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Chlorotoluene[4-]	0.0065	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Isopropyltoluene[4-]	0.0065	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Methyl-2-pentanone[4-]	0.026	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Acetone	0.026	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Benzene	0.0065	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Bromobenzene	0.0065	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Bromochloromethane	0.0065	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Bromodichloromethane	0.0065	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Bromoform	0.0065	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Bromomethane	0.013	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Carbon disulfide	0.0065	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Carbon tetrachloride	0.0065	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Chlorobenzene	0.0065	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Chlorodibromomethane	0.0065	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Chloroethane	0.013	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Chloroform	0.0065	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Chloromethane	0.013	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Dichloropropene[cis-1,3-]	0.0065	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Dibromomethane	0.0065	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Dichlorodifluoromethane	0.013	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Ethylbenzene	0.0065	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Iodomethane	0.0065	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11220	MD21-01-0307	2.0–3.0	FILL	Isopropylbenzene	0.0065	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Methylene chloride	0.0065	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Butylbenzene[n-]	0.0065	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Propylbenzene[1-]	0.0065	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Butylbenzene[sec-]	0.0065	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Styrene	0.0065	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Butylbenzene[tert-]	0.0065	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Tetrachloroethene	0.0065	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Toluene	0.0065	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Dichloropropene[trans-1,3-]	0.0065	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Trichloroethene	0.0065	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Trichlorofluoromethane	0.013	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0065	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Vinyl chloride	0.013	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Xylene (total)	0.0065	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Trichlorobenzene[1,2,4-]	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Dichlorobenzene[1,2-]	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Dichlorobenzene[1,3-]	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Dichlorobenzene[1,4-]	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Oxybis(1-chloropropane)[2,2'-]	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Trichlorophenol[2,4,5-]	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Trichlorophenol[2,4,6-]	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Dichlorophenol[2,4-]	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Dimethylphenol[2,4-]	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Dinitrophenol[2,4-]	1.7	mg/kg	UJ
21-11220	MD21-01-0307	2.0–3.0	FILL	Dinitrotoluene[2,4-]	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Dinitrotoluene[2,6-]	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Chloronaphthalene[2-]	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Chlorophenol[2-]	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Methylnaphthalene[2-]	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Methylphenol[2-]	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Nitroaniline[2-]	1.7	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Nitrophenol[2-]	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Dichlorobenzidine[3,3'-]	1.7	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Nitroaniline[3-]	1.7	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Bromophenyl-phenylether[4-]	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Chloro-3-methylphenol[4-]	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Chloroaniline[4-]	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Chlorophenyl-phenyl[4-] ether	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Methylphenol[4-]	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Nitroaniline[4-]	1.7	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Nitrophenol[4-]	1.7	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Acenaphthene	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Acenaphthylene	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Aniline	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Anthracene	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Azobenzene	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Benzo(a)anthracene	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Benzo(a)pyrene	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Benzo(b)fluoranthene	0.36	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11220	MD21-01-0307	2.0–3.0	FILL	Benzo(g,h,i)perylene	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Benzo(k)fluoranthene	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Benzoic acid	1.7	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Benzyl alcohol	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Bis(2-chloroethoxy)methane	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Bis(2-chloroethyl)ether	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Bis(2-ethylhexyl)phthalate	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Butylbenzylphthalate	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Chrysene	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Di-n-butylphthalate	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Di-n-octylphthalate	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Dibenz(a,h)anthracene	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Dibenzofuran	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Diethylphthalate	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Dimethyl phthalate	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Fluoranthene	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Fluorene	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Hexachlorobenzene	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Hexachlorobutadiene	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Hexachlorocyclopentadiene	1.7	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Hexachloroethane	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Indeno(1,2,3-cd)pyrene	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Isophorone	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Nitroso-di-n-propylamine[N-]	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Nitrosodimethylamine[N-]	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Nitrosodiphenylamine[N-]	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Naphthalene	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Nitrobenzene	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Pentachlorophenol	1.7	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Phenanthrene	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Phenol	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Pyrene	0.36	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Aluminum	7560	mg/kg	J+
21-11220	MD21-01-0307	2.0–3.0	FILL	Arsenic	1.1	mg/kg	None
21-11220	MD21-01-0307	2.0–3.0	FILL	Barium	63.9	mg/kg	None
21-11220	MD21-01-0307	2.0–3.0	FILL	Beryllium	0.81	mg/kg	None
21-11220	MD21-01-0307	2.0–3.0	FILL	Calcium	3270	mg/kg	None
21-11220	MD21-01-0307	2.0–3.0	FILL	Chromium	4.3	mg/kg	None
21-11220	MD21-01-0307	2.0–3.0	FILL	Cobalt	1.6	mg/kg	J
21-11220	MD21-01-0307	2.0–3.0	FILL	Copper	4.6	mg/kg	J
21-11220	MD21-01-0307	2.0–3.0	FILL	Iron	8220	mg/kg	None
21-11220	MD21-01-0307	2.0–3.0	FILL	Lead	22.2	mg/kg	None
21-11220	MD21-01-0307	2.0–3.0	FILL	Magnesium	1340	mg/kg	None
21-11220	MD21-01-0307	2.0–3.0	FILL	Manganese	217	mg/kg	J-
21-11220	MD21-01-0307	2.0–3.0	FILL	Nickel	5.9	mg/kg	None
21-11220	MD21-01-0307	2.0–3.0	FILL	Potassium	854	mg/kg	None
21-11220	MD21-01-0307	2.0–3.0	FILL	Selenium	0.21	mg/kg	UJ
21-11220	MD21-01-0307	2.0–3.0	FILL	Silver	0.49	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Sodium	247	mg/kg	J
21-11220	MD21-01-0307	2.0–3.0	FILL	Thallium	0.15	mg/kg	U
21-11220	MD21-01-0307	2.0–3.0	FILL	Vanadium	10	mg/kg	None

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11220	MD21-01-0307	2.0–3.0	FILL	Zinc	30.1	mg/kg	None
21-11220	MD21-01-0307	2.0–3.0	FILL	Mercury	0.36	mg/kg	None
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Plutonium-239	0.0062	pCi/g	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Americium-241	0.00992	pCi/g	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Uranium-234	0.842	pCi/g	None
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Thorium-232	1.17	pCi/g	None
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Strontium-90	-0.0125	pCi/g	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Uranium-235	0.03	pCi/g	J
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Thorium-230	0.848	pCi/g	None
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Thorium-228	1.27	pCi/g	None
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Uranium-238	0.859	pCi/g	None
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Ruthenium-106	-0.0813	pCi/g	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Tritium	4233.183	pCi/g	None
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Plutonium-238	0	pCi/g	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Europium-152	-0.0495	pCi/g	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Cesium-134	0.0619	pCi/g	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Cesium-137	-0.00517	pCi/g	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Cobalt-60	0.0248	pCi/g	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Antimony	0.89	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Arsenic	0.54	mg/kg	J
21-11217	MD21-01-0308	8.0–9.17	Qbt3	DDD[4,4'-]	0.0019	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	DDE[4,4'-]	0.0019	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	DDT[4,4'-]	0.0019	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Aldrin	0.0019	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	BHC[alpha-]	0.0019	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Chlordane[alpha-]	0.0019	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	BHC[beta-]	0.0019	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	BHC[delta-]	0.0019	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Dieldrin	0.0019	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Endosulfan I	0.0019	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Endosulfan II	0.0019	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Endosulfan sulfate	0.0019	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Endrin	0.0019	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Endrin aldehyde	0.0019	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Endrin ketone	0.0019	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	BHC[gamma-]	0.0019	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Chlordane[gamma-]	0.0019	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Heptachlor	0.0019	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Heptachlor epoxide	0.0019	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Methoxychlor[4,4'-]	0.0037	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Toxaphene (technical grade)	0.076	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Aroclor-1016	0.037	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Aroclor-1221	0.037	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Aroclor-1232	0.037	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Aroclor-1242	0.037	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Aroclor-1248	0.037	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Aroclor-1254	0.037	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Aroclor-1260	0.037	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Tetrachloroethane[1,1,1,2-]	0.0082	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Trichloroethane[1,1,1-]	0.0082	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Tetrachloroethane[1,1,2,2-]	0.0082	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Trichloroethane[1,1,2-]	0.0082	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Dichloroethane[1,1-]	0.0082	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Dichloroethene[1,1-]	0.0082	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Dichloropropene[1,1-]	0.0082	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Trichloropropane[1,2,3-]	0.0082	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Trimethylbenzene[1,2,4-]	0.0082	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Dibromo-3-chloropropane[1,2-]	0.016	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Dibromoethane[1,2-]	0.0082	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Dichlorobenzene[1,2-]	0.0082	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Dichloroethane[1,2-]	0.0082	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Dichloroethene[cis/trans-1,2-]	0.0082	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Dichloropropane[1,2-]	0.0082	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Trimethylbenzene[1,3,5-]	0.0082	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Dichlorobenzene[1,3-]	0.0082	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Dichloropropane[1,3-]	0.0082	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Dichlorobenzene[1,4-]	0.0082	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Dichloropropane[2,2-]	0.0082	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Butanone[2-]	0.033	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Chlorotoluene[2-]	0.0082	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Hexanone[2-]	0.033	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Chlorotoluene[4-]	0.0082	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Isopropyltoluene[4-]	0.0082	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Methyl-2-pentanone[4-]	0.033	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Acetone	0.033	mg/kg	UJ
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Benzene	0.0082	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Bromobenzene	0.0082	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Bromochloromethane	0.0082	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Bromodichloromethane	0.0082	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Bromoform	0.0082	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Bromomethane	0.016	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Carbon disulfide	0.0082	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Carbon tetrachloride	0.0082	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Chlorobenzene	0.0082	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Chlorodibromomethane	0.0082	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Chloroethane	0.016	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Chloroform	0.0082	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Chloromethane	0.016	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Dichloropropene[cis-1,3-]	0.0082	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Dibromomethane	0.0082	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Dichlorodifluoromethane	0.016	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Ethylbenzene	0.0082	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Iodomethane	0.0082	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Isopropylbenzene	0.0082	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Methylene chloride	0.0082	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Butylbenzene[n-]	0.0082	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Propylbenzene[1-]	0.0082	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Butylbenzene[sec-]	0.0082	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Styrene	0.0082	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Butylbenzene[tert-]	0.0082	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Tetrachloroethene	0.0082	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Toluene	0.0082	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Dichloropropene[trans-1,3-]	0.0082	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Trichloroethene	0.0082	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Trichlorofluoromethane	0.016	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0082	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Vinyl chloride	0.016	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Xylene (total)	0.0082	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Trichlorobenzene[1,2,4-]	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Dichlorobenzene[1,2-]	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Dichlorobenzene[1,3-]	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Dichlorobenzene[1,4-]	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Oxybis(1-chloropropane)[2,2'-]	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Trichlorophenol[2,4,5-]	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Trichlorophenol[2,4,6-]	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Dichlorophenol[2,4-]	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Dimethylphenol[2,4-]	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Dinitrophenol[2,4-]	1.8	mg/kg	UJ
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Dinitrotoluene[2,4-]	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Dinitrotoluene[2,6-]	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Chloronaphthalene[2-]	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Chlorophenol[2-]	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Methylnaphthalene[2-]	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Methylphenol[2-]	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Nitroaniline[2-]	1.8	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Nitrophenol[2-]	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Dichlorobenzidine[3,3'-]	1.8	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Nitroaniline[3-]	1.8	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Dinitro-2-methylphenol[4,6-]	1.8	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Bromophenyl-phenylether[4-]	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Chloro-3-methylphenol[4-]	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Chloroaniline[4-]	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Chlorophenyl-phenyl[4-] ether	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Methylphenol[4-]	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Nitroaniline[4-]	1.8	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Nitrophenol[4-]	1.8	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Acenaphthene	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Acenaphthylene	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Aniline	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Anthracene	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Azobenzene	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Benzo(a)anthracene	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Benzo(a)pyrene	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Benzo(b)fluoranthene	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Benzo(g,h,i)perylene	0.37	mg/kg	UJ
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Benzo(k)fluoranthene	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Benzoic acid	1.8	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Benzyl alcohol	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Bis(2-chloroethoxy)methane	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Bis(2-chloroethyl)ether	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Bis(2-ethylhexyl)phthalate	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Butylbenzylphthalate	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Chrysene	0.37	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Di-n-butylphthalate	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Di-n-octylphthalate	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Dibenz(a,h)anthracene	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Dibenzofuran	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Diethylphthalate	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Dimethyl phthalate	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Fluoranthene	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Fluorene	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Hexachlorobenzene	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Hexachlorobutadiene	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Hexachlorocyclopentadiene	1.8	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Hexachloroethane	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Indeno(1,2,3-cd)pyrene	0.37	mg/kg	UJ
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Isophorone	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Nitroso-di-n-propylamine[N-]	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Nitrosodimethylamine[N-]	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Nitrosodiphenylamine[N-]	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Naphthalene	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Nitrobenzene	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Pentachlorophenol	1.8	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Phenanthrene	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Phenol	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Pyrene	0.37	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Aluminum	3700	mg/kg	J+
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Cadmium	0.071	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Barium	31.3	mg/kg	None
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Beryllium	0.46	mg/kg	J
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Calcium	5090	mg/kg	None
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Chromium	23.6	mg/kg	None
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Cobalt	1.1	mg/kg	J
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Copper	3.2	mg/kg	None
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Iron	4440	mg/kg	None
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Lead	3.6	mg/kg	None
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Magnesium	1630	mg/kg	None
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Manganese	149	mg/kg	J-
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Nickel	13.6	mg/kg	None
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Potassium	703	mg/kg	None
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Selenium	0.29	mg/kg	J
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Silver	0.51	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Sodium	3.9	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Thallium	0.2	mg/kg	J-
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Vanadium	5.5	mg/kg	U
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Zinc	21.6	mg/kg	None
21-11217	MD21-01-0308	8.0–9.17	Qbt3	Mercury	0.019	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Plutonium-239	0.00357	pCi/g	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Cobalt-60	-0.00274	pCi/g	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Cesium-134	0.106	pCi/g	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Tritium	134.1176	pCi/g	None
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Cesium-137	-0.00479	pCi/g	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Americium-241	0.0052	pCi/g	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Europium-152	-0.0305	pCi/g	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Thorium-228	1.12	pCi/g	None
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Thorium-232	1.13	pCi/g	None
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Plutonium-238	0	pCi/g	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Uranium-235	0.0372	pCi/g	J
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Thorium-230	0.694	pCi/g	None
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Uranium-234	0.7	pCi/g	None
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Strontium-90	0.0686	pCi/g	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Uranium-238	0.697	pCi/g	None
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Ruthenium-106	0.0679	pCi/g	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Antimony	0.82	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Cadmium	0.066	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	DDD[4,4'-]	0.0018	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	DDE[4,4'-]	0.0018	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	DDT[4,4'-]	0.0018	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Aldrin	0.0018	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	BHC[alpha-]	0.0018	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Chlordane[alpha-]	0.0018	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	BHC[beta-]	0.0018	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	BHC[delta-]	0.0018	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Dieldrin	0.0018	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Endosulfan I	0.0018	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Endosulfan II	0.0018	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Endosulfan sulfate	0.0018	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Endrin	0.0018	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Endrin aldehyde	0.0018	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Endrin ketone	0.0018	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	BHC[gamma-]	0.0018	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Chlordane[gamma-]	0.0018	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Heptachlor	0.0018	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Heptachlor epoxide	0.0018	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Methoxychlor[4,4'-]	0.0035	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Toxaphene (technical grade)	0.07	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Aroclor-1016	0.035	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Aroclor-1221	0.035	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Aroclor-1232	0.035	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Aroclor-1242	0.035	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Aroclor-1248	0.035	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Aroclor-1254	0.035	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Aroclor-1260	0.035	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Tetrachloroethane[1,1,1,2-]	0.0087	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Trichloroethane[1,1,1-]	0.0087	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Tetrachloroethane[1,1,2,2-]	0.0087	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Trichloroethane[1,1,2-]	0.0087	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Dichloroethane[1,1-]	0.0087	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Dichloroethene[1,1-]	0.0087	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Dichloropropene[1,1-]	0.0087	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Trichloropropane[1,2,3-]	0.0087	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Trimethylbenzene[1,2,4-]	0.0087	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Dibromo-3-chloropropane[1,2-]	0.017	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Dibromoethane[1,2-]	0.0087	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Dichlorobenzene[1,2-]	0.0087	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Dichloroethane[1,2-]	0.0087	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Dichloroethene[cis/trans-1,2-]	0.0087	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Dichloropropane[1,2-]	0.0087	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Trimethylbenzene[1,3,5-]	0.0087	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Dichlorobenzene[1,3-]	0.0087	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Dichloropropane[1,3-]	0.0087	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Dichlorobenzene[1,4-]	0.0087	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Dichloropropane[2,2-]	0.0087	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Butanone[2-]	0.035	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Chlorotoluene[2-]	0.0087	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Hexanone[2-]	0.035	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Chlorotoluene[4-]	0.0087	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Isopropyltoluene[4-]	0.0087	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Methyl-2-pentanone[4-]	0.035	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Acetone	0.035	mg/kg	UJ
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Benzene	0.0087	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Bromobenzene	0.0087	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Bromochloromethane	0.0087	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Bromodichloromethane	0.0087	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Bromoform	0.0087	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Bromomethane	0.017	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Carbon disulfide	0.0087	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Carbon tetrachloride	0.0087	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Chlorobenzene	0.0087	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Chlorodibromomethane	0.0087	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Chloroethane	0.017	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Chloroform	0.0087	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Chloromethane	0.017	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Dichloropropene[cis-1,3-]	0.0087	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Dibromomethane	0.0087	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Dichlorodifluoromethane	0.017	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Ethylbenzene	0.0087	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Iodomethane	0.0087	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Isopropylbenzene	0.0087	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Methylene chloride	0.0087	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Butylbenzene[n-]	0.0087	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Propylbenzene[1-]	0.0087	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Butylbenzene[sec-]	0.0087	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Styrene	0.0087	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Butylbenzene[tert-]	0.0087	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Tetrachloroethene	0.0087	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Toluene	0.0087	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Dichloropropene[trans-1,3-]	0.0087	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Trichloroethene	0.0087	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Trichlorofluoromethane	0.017	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0087	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Vinyl chloride	0.017	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Xylene (total)	0.0087	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Trichlorobenzene[1,2,4-]	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Dichlorobenzene[1,2-]	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Dichlorobenzene[1,3-]	0.35	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Dichlorobenzene[1,4-]	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Trichlorophenol[2,4,5-]	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Trichlorophenol[2,4,6-]	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Dichlorophenol[2,4-]	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Dimethylphenol[2,4-]	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Dinitrophenol[2,4-]	1.7	mg/kg	UJ
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Dinitrotoluene[2,4-]	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Dinitrotoluene[2,6-]	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Chloronaphthalene[2-]	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Chlorophenol[2-]	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Methylnaphthalene[2-]	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Methylphenol[2-]	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Nitroaniline[2-]	1.7	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Nitrophenol[2-]	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Dichlorobenzidine[3,3'-]	1.7	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Nitroaniline[3-]	1.7	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Bromophenyl-phenylether[4-]	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Chloro-3-methylphenol[4-]	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Chloroaniline[4-]	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Chlorophenyl-phenyl[4-] ether	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Methylphenol[4-]	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Nitroaniline[4-]	1.7	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Nitrophenol[4-]	1.7	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Acenaphthene	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Acenaphthylene	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Aniline	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Anthracene	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Azobenzene	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Benzo(a)anthracene	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Benzo(a)pyrene	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Benzo(b)fluoranthene	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Benzo(g,h,i)perylene	0.35	mg/kg	UJ
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Benzo(k)fluoranthene	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Benzoic acid	1.7	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Benzyl alcohol	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Bis(2-chloroethoxy)methane	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Bis(2-chloroethyl)ether	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Bis(2-ethylhexyl)phthalate	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Butylbenzylphthalate	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Chrysene	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Di-n-butylphthalate	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Di-n-octylphthalate	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Dibenz(a,h)anthracene	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Dibenzofuran	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Diethylphthalate	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Dimethyl phthalate	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Fluoranthene	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Fluorene	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Hexachlorobenzene	0.35	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Hexachlorobutadiene	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Hexachlorocyclopentadiene	1.7	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Hexachloroethane	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	UJ
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Isophorone	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Nitrosodimethylamine[N-]	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Nitrosodiphenylamine[N-]	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Naphthalene	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Nitrobenzene	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Pentachlorophenol	1.7	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Phenanthrene	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Phenol	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Pyrene	0.35	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Aluminum	604	mg/kg	J+
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Arsenic	0.31	mg/kg	J
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Barium	5	mg/kg	J
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Beryllium	0.16	mg/kg	J
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Calcium	608	mg/kg	None
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Chromium	39.6	mg/kg	None
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Cobalt	0.62	mg/kg	J
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Copper	0.96	mg/kg	J
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Iron	3270	mg/kg	None
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Lead	2	mg/kg	None
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Magnesium	192	mg/kg	J-
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Manganese	175	mg/kg	None
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Nickel	18.9	mg/kg	None
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Potassium	245	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Selenium	0.32	mg/kg	J
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Silver	0.47	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Sodium	172	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Thallium	0.14	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Vanadium	3.2	mg/kg	U
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Zinc	16.1	mg/kg	None
21-11216	MD21-01-0309	17.17–18.0	Qbt3	Mercury	0.018	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Americium-241	0.00711	pCi/g	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Cobalt-60	-0.0201	pCi/g	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Cesium-134	0.0557	pCi/g	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Cesium-137	-0.00972	pCi/g	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Europium-152	0.024	pCi/g	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Tritium	63.81081	pCi/g	None
21-11220	MD21-01-0310	5.0–6.0	FILL	Plutonium-238	0.00263	pCi/g	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Plutonium-239	0.205	pCi/g	None
21-11220	MD21-01-0310	5.0–6.0	FILL	Ruthenium-106	-0.0147	pCi/g	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Strontium-90	0.0857	pCi/g	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Uranium-234	0.805	pCi/g	None
21-11220	MD21-01-0310	5.0–6.0	FILL	Uranium-235	0.0349	pCi/g	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Uranium-238	0.787	pCi/g	None
21-11220	MD21-01-0310	5.0–6.0	FILL	Thorium-228	1.34	pCi/g	None
21-11220	MD21-01-0310	5.0–6.0	FILL	Thorium-230	0.689	pCi/g	None
21-11220	MD21-01-0310	5.0–6.0	FILL	Thorium-232	1.34	pCi/g	None

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11220	MD21-01-0310	5.0–6.0	FILL	Antimony	0.85	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Cadmium	0.074	mg/kg	J
21-11220	MD21-01-0310	5.0–6.0	FILL	DDD[4,4'-]	0.0018	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	DDE[4,4'-]	0.0018	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	DDT[4,4'-]	0.0022	mg/kg	None
21-11220	MD21-01-0310	5.0–6.0	FILL	Aldrin	0.0018	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	BHC[alpha-]	0.0018	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Chlordane[alpha-]	0.0018	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	BHC[beta-]	0.0018	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	BHC[delta-]	0.0018	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Dieldrin	0.0018	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Endosulfan I	0.0018	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Endosulfan II	0.0018	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Endosulfan sulfate	0.0018	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Endrin	0.0018	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Endrin aldehyde	0.0018	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Endrin ketone	0.0018	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	BHC[gamma-]	0.0018	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Chlordane[gamma-]	0.0018	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Heptachlor	0.0018	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Heptachlor epoxide	0.0018	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Methoxychlor[4,4'-]	0.0036	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Toxaphene (technical grade)	0.072	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Aroclor-1016	0.036	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Aroclor-1221	0.036	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Aroclor-1232	0.036	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Aroclor-1242	0.036	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Aroclor-1248	0.036	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Aroclor-1254	0.036	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Aroclor-1260	0.036	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Tetrachloroethane[1,1,1,2-]	0.0072	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Trichloroethane[1,1,1-]	0.0072	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Tetrachloroethane[1,1,2,2-]	0.0072	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Trichloroethane[1,1,2-]	0.0072	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Dichloroethane[1,1-]	0.0072	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Dichloroethene[1,1-]	0.0072	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Dichloropropene[1,1-]	0.0072	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Trichloropropane[1,2,3-]	0.0072	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Trimethylbenzene[1,2,4-]	0.0072	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Dibromo-3-chloropropane[1,2-]	0.014	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Dibromoethane[1,2-]	0.0072	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Dichlorobenzene[1,2-]	0.0072	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Dichloroethane[1,2-]	0.0072	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Dichloroethene[cis/trans-1,2-]	0.0072	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Dichloropropane[1,2-]	0.0072	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Trimethylbenzene[1,3,5-]	0.0072	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Dichlorobenzene[1,3-]	0.0072	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Dichloropropane[1,3-]	0.0072	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Dichlorobenzene[1,4-]	0.0072	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Dichloropropane[2,2-]	0.0072	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Butanone[2-]	0.029	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11220	MD21-01-0310	5.0–6.0	FILL	Chlorotoluene[2-]	0.0072	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Hexanone[2-]	0.029	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Chlorotoluene[4-]	0.0072	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Isopropyltoluene[4-]	0.0072	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Methyl-2-pentanone[4-]	0.029	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Acetone	0.029	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Benzene	0.0072	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Bromobenzene	0.0072	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Bromochloromethane	0.0072	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Bromodichloromethane	0.0072	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Bromoform	0.0072	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Bromomethane	0.014	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Carbon disulfide	0.0072	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Carbon tetrachloride	0.0072	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Chlorobenzene	0.0072	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Chlorodibromomethane	0.0072	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Chloroethane	0.014	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Chloroform	0.0072	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Chloromethane	0.014	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Dichloropropene[cis-1,3-]	0.0072	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Dibromomethane	0.0072	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Dichlorodifluoromethane	0.014	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Ethylbenzene	0.0072	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Iodomethane	0.0072	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Isopropylbenzene	0.0072	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Methylene chloride	0.0072	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Butylbenzene[n-]	0.0072	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Propylbenzene[1-]	0.0072	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Butylbenzene[sec-]	0.0072	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Styrene	0.0072	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Butylbenzene[tert-]	0.0072	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Tetrachloroethene	0.0072	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Toluene	0.0072	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Dichloropropene[trans-1,3-]	0.0072	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Trichloroethene	0.0072	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Trichlorofluoromethane	0.014	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0072	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Vinyl chloride	0.014	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Xylene (total)	0.0072	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Trichlorobenzene[1,2,4-]	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Dichlorobenzene[1,2-]	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Dichlorobenzene[1,3-]	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Dichlorobenzene[1,4-]	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Oxybis(1-chloropropane)[2,2'-]	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Trichlorophenol[2,4,5-]	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Trichlorophenol[2,4,6-]	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Dichlorophenol[2,4-]	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Dimethylphenol[2,4-]	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Dinitrophenol[2,4-]	1.7	mg/kg	UJ
21-11220	MD21-01-0310	5.0–6.0	FILL	Dinitrotoluene[2,4-]	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Dinitrotoluene[2,6-]	0.36	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11220	MD21-01-0310	5.0–6.0	FILL	Chloronaphthalene[2-]	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Chlorophenol[2-]	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Methylnaphthalene[2-]	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Methylphenol[2-]	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Nitroaniline[2-]	1.7	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Nitrophenol[2-]	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Dichlorobenzidine[3,3'-]	1.7	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Nitroaniline[3-]	1.7	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Bromophenyl-phenylether[4-]	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Chloro-3-methylphenol[4-]	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Chloroaniline[4-]	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Chlorophenyl-phenyl[4-] ether	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Methylphenol[4-]	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Nitroaniline[4-]	1.7	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Nitrophenol[4-]	1.7	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Acenaphthene	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Acenaphthylene	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Aniline	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Anthracene	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Azobenzene	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Benzo(a)anthracene	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Benzo(a)pyrene	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Benzo(b)fluoranthene	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Benzo(g,h,i)perylene	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Benzo(k)fluoranthene	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Benzoic acid	1.7	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Benzyl alcohol	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Bis(2-chloroethoxy)methane	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Bis(2-chloroethyl)ether	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Bis(2-ethylhexyl)phthalate	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Butylbenzylphthalate	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Chrysene	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Di-n-butylphthalate	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Di-n-octylphthalate	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Dibenz(a,h)anthracene	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Dibenzofuran	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Diethylphthalate	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Dimethyl phthalate	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Fluoranthene	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Fluorene	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Hexachlorobenzene	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Hexachlorobutadiene	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Hexachlorocyclopentadiene	1.7	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Hexachloroethane	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Indeno(1,2,3-cd)pyrene	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Isophorone	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Nitroso-di-n-propylamine[N-]	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Nitrosodimethylamine[N-]	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Nitrosodiphenylamine[N-]	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Naphthalene	0.36	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11220	MD21-01-0310	5.0–6.0	FILL	Nitrobenzene	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Pentachlorophenol	1.7	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Phenanthrene	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Phenol	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Pyrene	0.36	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Aluminum	7130	mg/kg	J+
21-11220	MD21-01-0310	5.0–6.0	FILL	Arsenic	1.4	mg/kg	None
21-11220	MD21-01-0310	5.0–6.0	FILL	Barium	59.9	mg/kg	None
21-11220	MD21-01-0310	5.0–6.0	FILL	Beryllium	0.79	mg/kg	None
21-11220	MD21-01-0310	5.0–6.0	FILL	Calcium	4540	mg/kg	None
21-11220	MD21-01-0310	5.0–6.0	FILL	Chromium	5.7	mg/kg	None
21-11220	MD21-01-0310	5.0–6.0	FILL	Cobalt	2	mg/kg	J
21-11220	MD21-01-0310	5.0–6.0	FILL	Copper	6	mg/kg	J
21-11220	MD21-01-0310	5.0–6.0	FILL	Iron	8510	mg/kg	None
21-11220	MD21-01-0310	5.0–6.0	FILL	Lead	13.1	mg/kg	None
21-11220	MD21-01-0310	5.0–6.0	FILL	Magnesium	1390	mg/kg	None
21-11220	MD21-01-0310	5.0–6.0	FILL	Manganese	243	mg/kg	J-
21-11220	MD21-01-0310	5.0–6.0	FILL	Nickel	4.8	mg/kg	None
21-11220	MD21-01-0310	5.0–6.0	FILL	Potassium	902	mg/kg	None
21-11220	MD21-01-0310	5.0–6.0	FILL	Selenium	0.25	mg/kg	J-
21-11220	MD21-01-0310	5.0–6.0	FILL	Silver	0.49	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Sodium	237	mg/kg	J
21-11220	MD21-01-0310	5.0–6.0	FILL	Thallium	0.14	mg/kg	U
21-11220	MD21-01-0310	5.0–6.0	FILL	Vanadium	10.6	mg/kg	None
21-11220	MD21-01-0310	5.0–6.0	FILL	Zinc	36.2	mg/kg	None
21-11220	MD21-01-0310	5.0–6.0	FILL	Mercury	0.63	mg/kg	None
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Americium-241	0.00146	pCi/g	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Cobalt-60	0.0192	pCi/g	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Cesium-134	0.0591	pCi/g	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Cesium-137	-0.0134	pCi/g	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Europium-152	0.00476	pCi/g	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Tritium	72.00441	pCi/g	None
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Plutonium-238	0	pCi/g	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Plutonium-239	0.00307	pCi/g	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Ruthenium-106	0.187	pCi/g	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Strontium-90	0.0954	pCi/g	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Uranium-234	0.901	pCi/g	None
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Uranium-235	0.0244	pCi/g	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Uranium-238	0.872	pCi/g	None
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Thorium-228	1.04	pCi/g	None
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Thorium-230	0.746	pCi/g	None
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Thorium-232	0.923	pCi/g	None
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Antimony	0.87	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Cadmium	0.069	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	DDD[4,4'-]	0.0019	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	DDE[4,4'-]	0.0019	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	DDT[4,4'-]	0.0019	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Aldrin	0.0019	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	BHC[alpha-]	0.0019	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Chlordane[alpha-]	0.0019	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	BHC[beta-]	0.0019	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11221	MD21-01-0311	4.0–5.0	Qbt3	BHC[delta-]	0.0019	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Dieldrin	0.0019	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Endosulfan I	0.0019	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Endosulfan II	0.0019	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Endosulfan sulfate	0.0019	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Endrin	0.0019	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Endrin aldehyde	0.0019	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Endrin ketone	0.0019	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	BHC[gamma-]	0.0019	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Chlordane[gamma-]	0.0019	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Heptachlor	0.0019	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Heptachlor epoxide	0.0019	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Methoxychlor[4,4'-]	0.0036	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Toxaphene (technical grade)	0.074	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Aroclor-1016	0.036	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Aroclor-1221	0.036	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Aroclor-1232	0.036	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Aroclor-1242	0.036	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Aroclor-1248	0.036	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Aroclor-1254	0.036	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Aroclor-1260	0.036	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Tetrachloroethane[1,1,1,2-]	0.0071	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Trichloroethane[1,1,1-]	0.0071	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Tetrachloroethane[1,1,2,2-]	0.0071	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Trichloroethane[1,1,2-]	0.0071	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Dichloroethane[1,1-]	0.0071	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Dichloroethene[1,1-]	0.0071	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Dichloropropene[1,1-]	0.0071	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Trichloropropane[1,2,3-]	0.0071	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Trimethylbenzene[1,2,4-]	0.0071	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Dibromo-3-chloropropane[1,2-]	0.014	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Dibromoethane[1,2-]	0.0071	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Dichlorobenzene[1,2-]	0.0071	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Dichloroethane[1,2-]	0.0071	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Dichloroethene[cis/trans-1,2-]	0.0071	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Dichloropropane[1,2-]	0.0071	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Trimethylbenzene[1,3,5-]	0.0071	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Dichlorobenzene[1,3-]	0.0071	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Dichloropropane[1,3-]	0.0071	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Dichlorobenzene[1,4-]	0.0071	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Dichloropropane[2,2-]	0.0071	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Butanone[2-]	0.029	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Chlorotoluene[2-]	0.0071	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Hexanone[2-]	0.029	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Chlorotoluene[4-]	0.0071	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Isopropyltoluene[4-]	0.0071	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Methyl-2-pentanone[4-]	0.029	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Acetone	0.029	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Benzene	0.0071	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Bromobenzene	0.0071	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Bromochloromethane	0.0071	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Bromodichloromethane	0.0071	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Bromoform	0.0071	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Bromomethane	0.014	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Carbon disulfide	0.0071	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Carbon tetrachloride	0.0071	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Chlorobenzene	0.0071	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Chlorodibromomethane	0.0071	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Chloroethane	0.014	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Chloroform	0.0071	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Chloromethane	0.014	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Dichloropropene[cis-1,3-]	0.0071	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Dibromomethane	0.0071	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Dichlorodifluoromethane	0.014	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Ethylbenzene	0.0071	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Iodomethane	0.0071	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Isopropylbenzene	0.0071	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Methylene chloride	0.0071	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Butylbenzene[n-]	0.0071	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Propylbenzene[1-]	0.0071	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Butylbenzene[sec-]	0.0071	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Styrene	0.0071	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Butylbenzene[tert-]	0.0071	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Tetrachloroethene	0.0071	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Toluene	0.0071	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Dichloropropene[trans-1,3-]	0.0071	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Trichloroethene	0.0071	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Trichlorofluoromethane	0.014	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0071	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Vinyl chloride	0.014	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Xylene (total)	0.0071	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Trichlorobenzene[1,2,4-]	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Dichlorobenzene[1,2-]	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Dichlorobenzene[1,3-]	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Dichlorobenzene[1,4-]	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Oxybis(1-chloropropane)[2,2'-]	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Trichlorophenol[2,4,5-]	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Trichlorophenol[2,4,6-]	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Dichlorophenol[2,4-]	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Dimethylphenol[2,4-]	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Dinitrophenol[2,4-]	1.8	mg/kg	UJ
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Dinitrotoluene[2,4-]	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Dinitrotoluene[2,6-]	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Chloronaphthalene[2-]	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Chlorophenol[2-]	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Methylnaphthalene[2-]	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Methylphenol[2-]	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Nitroaniline[2-]	1.8	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Nitrophenol[2-]	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Dichlorobenzidine[3,3'-]	1.8	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Nitroaniline[3-]	1.8	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Dinitro-2-methylphenol[4,6-]	1.8	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Bromophenyl-phenylether[4-]	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Chloro-3-methylphenol[4-]	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Chloroaniline[4-]	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Chlorophenyl-phenyl[4-] ether	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Methylphenol[4-]	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Nitroaniline[4-]	1.8	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Nitrophenol[4-]	1.8	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Acenaphthene	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Acenaphthylene	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Aniline	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Anthracene	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Azobenzene	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Benzo(a)anthracene	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Benzo(a)pyrene	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Benzo(b)fluoranthene	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Benzo(g,h,i)perylene	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Benzo(k)fluoranthene	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Benzoic acid	1.8	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Benzyl alcohol	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Bis(2-chloroethoxy)methane	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Bis(2-chloroethyl)ether	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Bis(2-ethylhexyl)phthalate	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Butylbenzylphthalate	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Chrysene	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Di-n-butylphthalate	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Di-n-octylphthalate	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Dibenz(a,h)anthracene	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Dibenzofuran	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Diethylphthalate	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Dimethyl phthalate	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Fluoranthene	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Fluorene	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Hexachlorobenzene	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Hexachlorobutadiene	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Hexachlorocyclopentadiene	1.8	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Hexachloroethane	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Indeno(1,2,3-cd)pyrene	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Isophorone	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Nitroso-di-n-propylamine[N-]	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Nitrosodimethylamine[N-]	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Nitrosodiphenylamine[N-]	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Naphthalene	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Nitrobenzene	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Pentachlorophenol	1.8	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Phenanthrene	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Phenol	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Pyrene	0.36	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Aluminum	5930	mg/kg	J+
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Arsenic	0.9	mg/kg	J
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Barium	54	mg/kg	None
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Beryllium	0.65	mg/kg	None

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Calcium	6880	mg/kg	None
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Chromium	3.8	mg/kg	None
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Cobalt	1.2	mg/kg	J
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Copper	3.5	mg/kg	J
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Iron	6780	mg/kg	None
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Lead	9.5	mg/kg	None
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Magnesium	1480	mg/kg	None
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Manganese	191	mg/kg	J-
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Nickel	3.3	mg/kg	J
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Potassium	873	mg/kg	None
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Selenium	0.41	mg/kg	J-
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Silver	0.5	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Sodium	115	mg/kg	J
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Thallium	0.098	mg/kg	U
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Vanadium	6.8	mg/kg	None
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Zinc	30.8	mg/kg	None
21-11221	MD21-01-0311	4.0–5.0	Qbt3	Mercury	0.065	mg/kg	None
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Plutonium-239	0.00124	pCi/g	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Uranium-234	0.5	pCi/g	None
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Uranium-238	0.573	pCi/g	None
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Cobalt-60	-0.00999	pCi/g	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Plutonium-238	-0.00031	pCi/g	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Americium-241	0.0101	pCi/g	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Tritium	741.0042	pCi/g	None
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Uranium-235	0.022	pCi/g	J
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Thorium-230	0.628	pCi/g	None
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Thorium-228	1.17	pCi/g	None
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Strontium-90	0.0514	pCi/g	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Cesium-134	0.0981	pCi/g	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Europium-152	-0.0503	pCi/g	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Thorium-232	1.14	pCi/g	None
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Ruthenium-106	-0.00596	pCi/g	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Cesium-137	-0.0177	pCi/g	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Antimony	0.82	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Cadmium	0.065	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	DDD[4,4'-]	0.0018	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	DDE[4,4'-]	0.0018	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	DDT[4,4'-]	0.0018	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Aldrin	0.0018	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	BHC[alpha-]	0.0018	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Chlordane[alpha-]	0.0018	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	BHC[beta-]	0.0018	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	BHC[delta-]	0.0018	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Dieldrin	0.0018	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Endosulfan I	0.0018	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Endosulfan II	0.0018	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Endosulfan sulfate	0.0018	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Endrin	0.0018	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Endrin aldehyde	0.0018	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Endrin ketone	0.0018	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	BHC[gamma-]	0.0018	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Chlordane[gamma-]	0.0018	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Heptachlor	0.0018	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Heptachlor epoxide	0.0018	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Methoxychlor[4,4'-]	0.0035	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Toxaphene (technical grade)	0.07	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Aroclor-1016	0.035	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Aroclor-1221	0.035	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Aroclor-1232	0.035	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Aroclor-1242	0.035	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Aroclor-1248	0.035	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Aroclor-1254	0.035	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Aroclor-1260	0.035	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Tetrachloroethane[1,1,1,2-]	0.0076	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Trichloroethane[1,1,1-]	0.0076	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Tetrachloroethane[1,1,2,2-]	0.0076	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Trichloroethane[1,1,2-]	0.0076	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Dichloroethane[1,1-]	0.0076	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Dichloroethene[1,1-]	0.0076	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Dichloropropene[1,1-]	0.0076	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Trichloropropane[1,2,3-]	0.0076	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Trimethylbenzene[1,2,4-]	0.0076	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Dibromo-3-chloropropane[1,2-]	0.015	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Dibromoethane[1,2-]	0.0076	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Dichlorobenzene[1,2-]	0.0076	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Dichloroethane[1,2-]	0.0076	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Dichloroethene[cis/trans-1,2-]	0.0076	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Dichloropropane[1,2-]	0.0076	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Trimethylbenzene[1,3,5-]	0.0076	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Dichlorobenzene[1,3-]	0.0076	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Dichloropropane[1,3-]	0.0076	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Dichlorobenzene[1,4-]	0.0076	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Dichloropropane[2,2-]	0.0076	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Butanone[2-]	0.031	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Chlorotoluene[2-]	0.0076	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Hexanone[2-]	0.031	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Chlorotoluene[4-]	0.0076	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Isopropyltoluene[4-]	0.0076	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Methyl-2-pentanone[4-]	0.031	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Acetone	0.031	mg/kg	UJ
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Benzene	0.0076	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Bromobenzene	0.0076	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Bromochloromethane	0.0076	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Bromodichloromethane	0.0076	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Bromoform	0.0076	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Bromomethane	0.015	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Carbon disulfide	0.0076	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Carbon tetrachloride	0.0076	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Chlorobenzene	0.0076	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Chlorodibromomethane	0.0076	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Chloroethane	0.015	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Chloroform	0.0076	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Chloromethane	0.015	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Dichloropropene[cis-1,3-]	0.0076	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Dibromomethane	0.0076	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Dichlorodifluoromethane	0.015	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Ethylbenzene	0.0076	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Iodomethane	0.0076	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Isopropylbenzene	0.0076	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Methylene chloride	0.0076	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Butylbenzene[n-]	0.0076	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Propylbenzene[1-]	0.0076	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Butylbenzene[sec-]	0.0076	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Styrene	0.0076	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Butylbenzene[tert-]	0.0076	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Tetrachloroethene	0.0076	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Toluene	0.0076	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Dichloropropene[trans-1,3-]	0.0076	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Trichloroethene	0.0076	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Trichlorofluoromethane	0.015	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0076	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Vinyl chloride	0.015	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Xylene (total)	0.0076	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Trichlorobenzene[1,2,4-]	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Dichlorobenzene[1,2-]	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Dichlorobenzene[1,3-]	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Dichlorobenzene[1,4-]	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Trichlorophenol[2,4,5-]	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Trichlorophenol[2,4,6-]	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Dichlorophenol[2,4-]	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Dimethylphenol[2,4-]	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Dinitrophenol[2,4-]	1.7	mg/kg	UJ
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Dinitrotoluene[2,4-]	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Dinitrotoluene[2,6-]	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Chloronaphthalene[2-]	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Chlorophenol[2-]	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Methylnaphthalene[2-]	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Methylphenol[2-]	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Nitroaniline[2-]	1.7	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Nitrophenol[2-]	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Dichlorobenzidine[3,3'-]	1.7	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Nitroaniline[3-]	1.7	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Bromophenyl-phenylether[4-]	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Chloro-3-methylphenol[4-]	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Chloroaniline[4-]	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Chlorophenyl-phenyl[4-] ether	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Methylphenol[4-]	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Nitroaniline[4-]	1.7	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Nitrophenol[4-]	1.7	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Acenaphthene	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Acenaphthylene	0.35	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Aniline	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Anthracene	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Azobenzene	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Benzo(a)anthracene	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Benzo(a)pyrene	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Benzo(b)fluoranthene	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Benzo(g,h,i)perylene	0.35	mg/kg	UJ
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Benzo(k)fluoranthene	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Benzoic acid	1.7	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Benzyl alcohol	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Bis(2-chloroethoxy)methane	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Bis(2-chloroethyl)ether	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Bis(2-ethylhexyl)phthalate	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Butylbenzylphthalate	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Chrysene	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Di-n-butylphthalate	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Di-n-octylphthalate	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Dibenz(a,h)anthracene	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Dibenzofuran	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Diethylphthalate	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Dimethyl phthalate	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Fluoranthene	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Fluorene	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Hexachlorobenzene	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Hexachlorobutadiene	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Hexachlorocyclopentadiene	1.7	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Hexachloroethane	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	UJ
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Isophorone	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Nitrosodimethylamine[N-]	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Nitrosodiphenylamine[N-]	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Naphthalene	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Nitrobenzene	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Pentachlorophenol	1.7	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Phenanthrene	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Phenol	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Pyrene	0.35	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Aluminum	528	mg/kg	J+
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Arsenic	0.14	mg/kg	J
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Barium	5.4	mg/kg	J
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Beryllium	0.2	mg/kg	J
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Calcium	458	mg/kg	J
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Chromium	27.4	mg/kg	None
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Cobalt	0.71	mg/kg	J
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Copper	0.92	mg/kg	J
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Iron	3210	mg/kg	None
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Lead	2.3	mg/kg	None
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Magnesium	190	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Manganese	165	mg/kg	J-
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Nickel	13.2	mg/kg	None

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Potassium	244	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Selenium	0.21	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Silver	0.47	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Sodium	198	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Thallium	0.11	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Vanadium	3.5	mg/kg	U
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Zinc	18.7	mg/kg	None
21-11217	MD21-01-0313	12.0–13.0	Qbt3	Mercury	0.017	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Plutonium-239	0.0323	pCi/g	J
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Thorium-228	1.31	pCi/g	None
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Strontium-90	0.0754	pCi/g	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Plutonium-238	0	pCi/g	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Americium-241	0.00106	pCi/g	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Uranium-235	0.0287	pCi/g	J
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Thorium-230	0.748	pCi/g	None
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Tritium	1297.908	pCi/g	None
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Cesium-137	-0.0391	pCi/g	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Uranium-238	0.802	pCi/g	None
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Cesium-134	0.0831	pCi/g	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Cobalt-60	0.00578	pCi/g	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Uranium-234	0.734	pCi/g	None
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Thorium-232	1.15	pCi/g	None
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Ruthenium-106	-0.0258	pCi/g	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Europium-152	-0.0163	pCi/g	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Antimony	0.82	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Cadmium	0.065	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	DDD[4,4'-]	0.0018	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	DDE[4,4'-]	0.0018	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	DDT[4,4'-]	0.0018	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Aldrin	0.0018	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	BHC[alpha-]	0.0018	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Chlordane[alpha-]	0.0018	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	BHC[beta-]	0.0018	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	BHC[delta-]	0.0018	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Dieldrin	0.0018	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Endosulfan I	0.0018	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Endosulfan II	0.0018	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Endosulfan sulfate	0.0018	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Endrin	0.0018	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Endrin aldehyde	0.0018	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Endrin ketone	0.0018	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	BHC[gamma-]	0.0018	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Chlordane[gamma-]	0.0018	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Heptachlor	0.0018	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Heptachlor epoxide	0.0018	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Methoxychlor[4,4'-]	0.0035	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Toxaphene (technical grade)	0.07	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Aroclor-1016	0.035	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Aroclor-1221	0.035	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Aroclor-1232	0.035	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Aroclor-1242	0.035	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Aroclor-1248	0.035	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Aroclor-1254	0.035	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Aroclor-1260	0.035	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Tetrachloroethane[1,1,1,2-]	0.0079	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Trichloroethane[1,1,1-]	0.0079	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Tetrachloroethane[1,1,2,2-]	0.0079	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Trichloroethane[1,1,2-]	0.0079	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Dichloroethane[1,1-]	0.0079	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Dichloroethene[1,1-]	0.0079	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Dichloropropene[1,1-]	0.0079	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Trichloropropane[1,2,3-]	0.0079	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Trimethylbenzene[1,2,4-]	0.0079	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Dibromo-3-chloropropane[1,2-]	0.016	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Dibromoethane[1,2-]	0.0079	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Dichlorobenzene[1,2-]	0.0079	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Dichloroethane[1,2-]	0.0079	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Dichloroethene[cis/trans-1,2-]	0.0079	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Dichloropropane[1,2-]	0.0079	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Trimethylbenzene[1,3,5-]	0.0079	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Dichlorobenzene[1,3-]	0.0079	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Dichloropropane[1,3-]	0.0079	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Dichlorobenzene[1,4-]	0.0079	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Dichloropropane[2,2-]	0.0079	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Butanone[2-]	0.031	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Chlorotoluene[2-]	0.0079	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Hexanone[2-]	0.031	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Chlorotoluene[4-]	0.0079	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Isopropyltoluene[4-]	0.0079	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Methyl-2-pentanone[4-]	0.031	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Acetone	0.031	mg/kg	UJ
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Benzene	0.0079	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Bromobenzene	0.0079	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Bromochloromethane	0.0079	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Bromodichloromethane	0.0079	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Bromoform	0.0079	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Bromomethane	0.016	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Carbon disulfide	0.0079	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Carbon tetrachloride	0.0079	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Chlorobenzene	0.0079	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Chlorodibromomethane	0.0079	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Chloroethane	0.016	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Chloroform	0.0079	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Chloromethane	0.016	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Dichloropropene[cis-1,3-]	0.0079	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Dibromomethane	0.0079	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Dichlorodifluoromethane	0.016	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Ethylbenzene	0.0079	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Iodomethane	0.0079	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Isopropylbenzene	0.0079	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Methylene chloride	0.0079	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Butylbenzene[n-]	0.0079	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Propylbenzene[1-]	0.0079	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Butylbenzene[sec-]	0.0079	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Styrene	0.0079	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Butylbenzene[tert-]	0.0079	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Tetrachloroethene	0.0079	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Toluene	0.0079	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Dichloropropene[trans-1,3-]	0.0079	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Trichloroethene	0.0079	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Trichlorofluoromethane	0.016	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0079	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Vinyl chloride	0.016	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Xylene (total)	0.0079	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Trichlorobenzene[1,2,4-]	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Dichlorobenzene[1,2-]	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Dichlorobenzene[1,3-]	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Dichlorobenzene[1,4-]	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Trichlorophenol[2,4,5-]	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Trichlorophenol[2,4,6-]	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Dichlorophenol[2,4-]	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Dimethylphenol[2,4-]	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Dinitrophenol[2,4-]	1.7	mg/kg	UJ
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Dinitrotoluene[2,4-]	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Dinitrotoluene[2,6-]	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Chloronaphthalene[2-]	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Chlorophenol[2-]	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Methylnaphthalene[2-]	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Methylphenol[2-]	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Nitroaniline[2-]	1.7	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Nitrophenol[2-]	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Dichlorobenzidine[3,3'-]	1.7	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Nitroaniline[3-]	1.7	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Bromophenyl-phenylether[4-]	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Chloro-3-methylphenol[4-]	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Chloroaniline[4-]	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Chlorophenyl-phenyl[4-] ether	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Methylphenol[4-]	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Nitroaniline[4-]	1.7	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Nitrophenol[4-]	1.7	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Acenaphthene	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Acenaphthylene	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Aniline	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Anthracene	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Azobenzene	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Benzo(a)anthracene	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Benzo(a)pyrene	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Benzo(b)fluoranthene	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Benzo(g,h,i)perylene	0.35	mg/kg	UJ
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Benzo(k)fluoranthene	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Benzoic acid	1.7	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Benzyl alcohol	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Bis(2-chloroethoxy)methane	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Bis(2-chloroethyl)ether	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Bis(2-ethylhexyl)phthalate	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Butylbenzylphthalate	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Chrysene	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Di-n-butylphthalate	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Di-n-octylphthalate	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Dibenz(a,h)anthracene	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Dibenzofuran	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Diethylphthalate	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Dimethyl phthalate	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Fluoranthene	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Fluorene	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Hexachlorobenzene	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Hexachlorobutadiene	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Hexachlorocyclopentadiene	1.7	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Hexachloroethane	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	UJ
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Isophorone	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Nitrosodimethylamine[N-]	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Nitrosodiphenylamine[N-]	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Naphthalene	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Nitrobenzene	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Pentachlorophenol	1.7	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Phenanthrene	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Phenol	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Pyrene	0.35	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Aluminum	520	mg/kg	J+
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Arsenic	0.32	mg/kg	J
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Barium	7.5	mg/kg	J
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Beryllium	0.23	mg/kg	J
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Calcium	440	mg/kg	J
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Chromium	21.8	mg/kg	None
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Cobalt	0.78	mg/kg	J
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Copper	0.92	mg/kg	J
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Iron	3580	mg/kg	None
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Lead	2.3	mg/kg	None
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Magnesium	240	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Manganese	196	mg/kg	J-
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Nickel	11.2	mg/kg	None
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Potassium	251	mg/kg	J
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Selenium	0.38	mg/kg	J
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Silver	0.47	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Sodium	179	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Thallium	0.094	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Vanadium	3.8	mg/kg	U
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Zinc	22.4	mg/kg	None
21-11218	MD21-01-0314	8.0–9.0	Qbt3	Mercury	0.017	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Plutonium-239	0.00268	pCi/g	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Americium-241	0.00358	pCi/g	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Plutonium-238	0	pCi/g	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Uranium-238	0.756	pCi/g	None
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Uranium-235	0.0189	pCi/g	J
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Uranium-234	0.728	pCi/g	None
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Thorium-232	1.18	pCi/g	None
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Tritium	2251.782	pCi/g	None
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Thorium-228	1.18	pCi/g	None
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Europium-152	-0.00719	pCi/g	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Thorium-230	0.66	pCi/g	None
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Cesium-137	-0.0121	pCi/g	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Strontium-90	0.0121	pCi/g	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Ruthenium-106	-0.175	pCi/g	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Cesium-134	0.0656	pCi/g	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Cobalt-60	0.0193	pCi/g	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Antimony	0.82	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Cadmium	0.066	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	DDD[4,4'-]	0.0018	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	DDE[4,4'-]	0.0018	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	DDT[4,4'-]	0.0018	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Aldrin	0.0018	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	BHC[alpha-]	0.0018	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Chlordane[alpha-]	0.0018	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	BHC[beta-]	0.0018	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	BHC[delta-]	0.0018	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Dieldrin	0.0018	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Endosulfan I	0.0018	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Endosulfan II	0.0018	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Endosulfan sulfate	0.0018	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Endrin	0.0018	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Endrin aldehyde	0.0018	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Endrin ketone	0.0018	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	BHC[gamma-]	0.0018	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Chlordane[gamma-]	0.0018	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Heptachlor	0.0018	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Heptachlor epoxide	0.0018	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Methoxychlor[4,4'-]	0.0035	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Toxaphene (technical grade)	0.07	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Aroclor-1016	0.035	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Aroclor-1221	0.035	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Aroclor-1232	0.035	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Aroclor-1242	0.035	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Aroclor-1248	0.035	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Aroclor-1254	0.035	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Aroclor-1260	0.035	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Tetrachloroethane[1,1,1,2-]	0.0085	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Trichloroethane[1,1,1-]	0.0085	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Tetrachloroethane[1,1,2,2-]	0.0085	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Trichloroethane[1,1,2-]	0.0085	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Dichloroethane[1,1-]	0.0085	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Dichloroethene[1,1-]	0.0085	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Dichloropropene[1,1-]	0.0085	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Trichloropropane[1,2,3-]	0.0085	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Trimethylbenzene[1,2,4-]	0.0085	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Dibromo-3-chloropropane[1,2-]	0.017	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Dibromoethane[1,2-]	0.0085	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Dichlorobenzene[1,2-]	0.0085	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Dichloroethane[1,2-]	0.0085	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Dichloroethene[cis/trans-1,2-]	0.0085	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Dichloropropane[1,2-]	0.0085	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Trimethylbenzene[1,3,5-]	0.0085	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Dichlorobenzene[1,3-]	0.0085	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Dichloropropane[1,3-]	0.0085	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Dichlorobenzene[1,4-]	0.0085	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Dichloropropane[2,2-]	0.0085	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Butanone[2-]	0.034	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Chlorotoluene[2-]	0.0085	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Hexanone[2-]	0.034	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Chlorotoluene[4-]	0.0085	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Isopropyltoluene[4-]	0.0085	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Methyl-2-pentanone[4-]	0.034	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Acetone	0.034	mg/kg	UJ
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Benzene	0.0085	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Bromobenzene	0.0085	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Bromochloromethane	0.0085	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Bromodichloromethane	0.0085	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Bromoform	0.0085	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Bromomethane	0.017	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Carbon disulfide	0.0085	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Carbon tetrachloride	0.0085	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Chlorobenzene	0.0085	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Chlorodibromomethane	0.0085	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Chloroethane	0.017	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Chloroform	0.0085	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Chloromethane	0.017	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Dichloropropene[cis-1,3-]	0.0085	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Dibromomethane	0.0085	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Dichlorodifluoromethane	0.017	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Ethylbenzene	0.0085	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Iodomethane	0.0085	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Isopropylbenzene	0.0085	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Methylene chloride	0.0085	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Butylbenzene[n-]	0.0085	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Propylbenzene[1-]	0.0085	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Butylbenzene[sec-]	0.0085	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Styrene	0.0085	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Butylbenzene[tert-]	0.0085	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Tetrachloroethene	0.0085	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Toluene	0.0085	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Dichloropropene[trans-1,3-]	0.0085	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Trichloroethene	0.0085	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Trichlorofluoromethane	0.017	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0085	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Vinyl chloride	0.017	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Xylene (total)	0.0085	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Trichlorobenzene[1,2,4-]	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Dichlorobenzene[1,2-]	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Dichlorobenzene[1,3-]	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Dichlorobenzene[1,4-]	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Trichlorophenol[2,4,5-]	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Trichlorophenol[2,4,6-]	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Dichlorophenol[2,4-]	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Dimethylphenol[2,4-]	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Dinitrophenol[2,4-]	1.7	mg/kg	UJ
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Dinitrotoluene[2,4-]	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Dinitrotoluene[2,6-]	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Chloronaphthalene[2-]	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Chlorophenol[2-]	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Methylnaphthalene[2-]	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Methylphenol[2-]	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Nitroaniline[2-]	1.7	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Nitrophenol[2-]	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Dichlorobenzidine[3,3'-]	1.7	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Nitroaniline[3-]	1.7	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Bromophenyl-phenylether[4-]	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Chloro-3-methylphenol[4-]	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Chloroaniline[4-]	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Chlorophenyl-phenyl[4-] ether	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Methylphenol[4-]	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Nitroaniline[4-]	1.7	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Nitrophenol[4-]	1.7	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Acenaphthene	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Acenaphthylene	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Aniline	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Anthracene	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Azobenzene	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Benzo(a)anthracene	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Benzo(a)pyrene	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Benzo(b)fluoranthene	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Benzo(g,h,i)perylene	0.35	mg/kg	UJ
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Benzo(k)fluoranthene	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Benzoic acid	1.7	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Benzyl alcohol	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Bis(2-chloroethoxy)methane	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Bis(2-chloroethyl)ether	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Bis(2-ethylhexyl)phthalate	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Butylbenzylphthalate	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Chrysene	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Di-n-butylphthalate	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Di-n-octylphthalate	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Dibenz(a,h)anthracene	0.35	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Dibenzofuran	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Diethylphthalate	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Dimethyl phthalate	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Fluoranthene	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Fluorene	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Hexachlorobenzene	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Hexachlorobutadiene	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Hexachlorocyclopentadiene	1.7	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Hexachloroethane	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	UJ
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Isophorone	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Nitrosodimethylamine[N-]	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Nitrosodiphenylamine[N-]	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Naphthalene	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Nitrobenzene	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Pentachlorophenol	1.7	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Phenanthrene	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Phenol	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Pyrene	0.35	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Aluminum	381	mg/kg	J+
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Arsenic	0.28	mg/kg	J
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Barium	4.4	mg/kg	J
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Beryllium	0.2	mg/kg	J
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Calcium	317	mg/kg	J
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Chromium	48.6	mg/kg	None
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Cobalt	0.6	mg/kg	J
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Copper	0.97	mg/kg	J
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Iron	3320	mg/kg	None
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Lead	2	mg/kg	None
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Magnesium	163	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Manganese	174	mg/kg	J-
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Nickel	23.3	mg/kg	None
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Potassium	244	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Selenium	0.21	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Silver	0.47	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Sodium	193	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Thallium	0.082	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Vanadium	3.6	mg/kg	U
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Zinc	16.4	mg/kg	None
21-11218	MD21-01-0315	12.0–13.0	Qbt3	Mercury	0.018	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Plutonium-239	0.00172	pCi/g	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Americium-241	0.0119	pCi/g	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Plutonium-238	0.00517	pCi/g	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Benzyl alcohol	0.349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Bis(2-chloroethoxy)methane	0.349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Dimethyl phthalate	0.349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Butylbenzylphthalate	0.349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Trichlorophenol[2,4,5-]	0.349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Dichloroethene[trans-1,2-]	0.0012	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Trichlorotrifluoroethane	0.0062	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Chloroform	0.0012	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Dichloroethane[1,1-]	0.0012	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Dichlorodifluoromethane	0.0012	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Trichloroethane[1,1,2-]	0.0012	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Dibromo-3-chloropropane[1,2-]	0.0012	mg/kg	UJ
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Dichlorobenzene[1,4-]	0.349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Pyrene	0.0349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Chlorophenyl-phenyl[4-] ether	0.349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Hexachlorocyclopentadiene	0.349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Isophorone	0.349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Carbon tetrachloride	0.0012	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Dichloropropene[1,1-]	0.0012	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Iodomethane	0.0062	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Isopropyltoluene[4-]	0.0012	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Methylphenol[4-]	0.349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Phenol	0.349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Dichlorophenol[2,4-]	0.349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Indeno(1,2,3-cd)pyrene	0.0349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Acenaphthylene	0.0349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Hexachloroethane	0.349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Chloronaphthalene[2-]	0.0349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Dichlorobenzene[1,4-]	0.0012	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Toluene	0.00044	mg/kg	J
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Oxybis(1-chloropropane)[2,2'-]	0.349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Benzo(a)anthracene	0.0349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Nitrosodimethylamine[N-]	0.349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Nitroaniline[2-]	0.349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Propylbenzene[1-]	0.0012	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Chlorobenzene	0.0012	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Tetrachloroethane[1,1,1,2-]	0.0012	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Dichlorobenzene[1,3-]	0.349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Methylphenol[2-]	0.349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Trimethylbenzene[1,3,5-]	0.0012	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Bromomethane	0.0012	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Trichloroethene	0.0012	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Diphenylamine	0.349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Dinitrophenol[2,4-]	0.698	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Methylnaphthalene[2-]	0.0349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Dichloroethene[cis-1,2-]	0.0012	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Chloromethane	0.0012	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Xylene[1,2-]	0.0012	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Azobenzene	0.0349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Bis(2-chloroethyl)ether	0.349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Chloro-3-methylphenol[4-]	0.349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Benzoic acid	0.698	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Acenaphthene	0.0349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Hexachlorobutadiene	0.349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Tetrachloroethene	0.0012	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Hexanone[2-]	0.0062	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Bromoform	0.0012	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Trichlorofluoromethane	0.0012	mg/kg	UJ

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Anthracene	0.0349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Trichlorobenzene[1,2,4-]	0.349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Dibenz(a,h)anthracene	0.0349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Nitroso-di-n-propylamine[N-]	0.349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Pentachlorophenol	0.349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Dichlorobenzidine[3,3'-]	0.349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Chlorophenol[2-]	0.349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Chlorotoluene[4-]	0.0012	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Benzene	0.0012	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Dibromomethane	0.0012	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Vinyl chloride	0.0012	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Carbon disulfide	0.0062	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Bromodichloromethane	0.0012	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Trimethylbenzene[1,2,4-]	0.0012	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Hexachlorobenzene	0.349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Trichloroethane[1,1,1-]	0.0012	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Chloroethane	0.0012	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Methylene chloride	0.0062	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Dimethylphenol[2,4-]	0.349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Pyridine	0.349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Bis(2-ethylhexyl)phthalate	0.0112	mg/kg	J
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Dinitrotoluene[2,4-]	0.349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Benzo(a)pyrene	0.0349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Di-n-butylphthalate	0.349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Fluorene	0.0349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Dichloropropene[cis-1,3-]	0.0012	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Isopropylbenzene	0.0012	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Nitrophenol[4-]	0.349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Benzo(g,h,i)perylene	0.0349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Fluoranthene	0.0043	mg/kg	J
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Dinitro-2-methylphenol[4,6-]	0.349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Aniline	0.349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Trichlorophenol[2,4,6-]	0.349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Dichloropropane[2,2-]	0.0012	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Bromochloromethane	0.0012	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Dichloroethene[1,1-]	0.0012	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Phenanthrene	0.0349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Styrene	0.0012	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Butylbenzene[sec-]	0.0012	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Dichloropropane[1,2-]	0.0012	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Chloroaniline[4-]	0.349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Di-n-octylphthalate	0.349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Dibenzofuran	0.349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Diethylphthalate	0.349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Nitrophenol[2-]	0.349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Naphthalene	0.0349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Dichloropropene[trans-1,3-]	0.0012	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Dichlorobenzene[1,3-]	0.0012	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Butanone[2-]	0.0062	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Nitroaniline[4-]	0.349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Chrysene	0.0349	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Dichlorobenzene[1,2-]	0.349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Nitrobenzene	0.349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Nitroaniline[3-]	0.349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Bromobenzene	0.0012	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Trichloropropane[1,2,3-]	0.0012	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Benzo(b)fluoranthene	0.0349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Dinitrotoluene[2,6-]	0.349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Butylbenzene[n-]	0.0012	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Dichloroethane[1,2-]	0.0012	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Dichloropropane[1,3-]	0.0012	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Butylbenzene[tert-]	0.0012	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Bromophenyl-phenylether[4-]	0.349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Benzo(k)fluoranthene	0.0349	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Ethylbenzene	0.0012	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Dibromoethane[1,2-]	0.0012	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Methyl-2-pentanone[4-]	0.0062	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Chlorodibromomethane	0.0012	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Acetone	0.0083	mg/kg	None
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Tetrachloroethane[1,1,2,2-]	0.0012	mg/kg	UJ
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Chlorotoluene[2-]	0.0012	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Dichlorobenzene[1,2-]	0.00056	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Xylene[1,3-]+Xylene[1,4-]	0.0025	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	BHC[beta-]	0.0007	mg/kg	UJ
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Chlordane[alpha-]	0.0007	mg/kg	UJ
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Methoxychlor[4,4'-]	0.007	mg/kg	UJ
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Toxaphene (technical grade)	0.0349	mg/kg	UJ
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Aroclor-1232	0.007	mg/kg	UJ
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Strontium-90	0.0366	pCi/g	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Endrin ketone	0.0014	mg/kg	UJ
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Aroclor-1248	0.007	mg/kg	UJ
21-11200	MD21-01-0522	17.0–18.0	Qbt3	DDT[4,4'-]	0.0014	mg/kg	UJ
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Gross alpha/beta	15.6	pCi/g	None
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Endosulfan II	0.0014	mg/kg	UJ
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Aroclor-1242	0.007	mg/kg	UJ
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Uranium-234	0.816	pCi/g	None
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Aroclor-1254	0.007	mg/kg	UJ
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Chlordane[gamma-]	0.0007	mg/kg	UJ
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Endosulfan I	0.0007	mg/kg	UJ
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Heptachlor	0.0007	mg/kg	UJ
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Uranium-235	0.0617	pCi/g	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Endosulfan sulfate	0.0014	mg/kg	UJ
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Aldrin	0.0007	mg/kg	UJ
21-11200	MD21-01-0522	17.0–18.0	Qbt3	DDE[4,4'-]	0.0014	mg/kg	UJ
21-11200	MD21-01-0522	17.0–18.0	Qbt3	BHC[alpha-]	0.0007	mg/kg	UJ
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Endrin	0.0014	mg/kg	UJ
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Endrin aldehyde	0.0014	mg/kg	UJ
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Aroclor-1221	0.007	mg/kg	UJ
21-11200	MD21-01-0522	17.0–18.0	Qbt3	BHC[gamma-]	0.0007	mg/kg	UJ
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Tritium	154.6032	pCi/g	None
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Uranium-238	0.71	pCi/g	None
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Dieldrin	0.0014	mg/kg	UJ

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Aroclor-1260	0.007	mg/kg	UJ
21-11200	MD21-01-0522	17.0–18.0	Qbt3	DDD[4,4'-]	0.0014	mg/kg	UJ
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Aroclor-1016	0.007	mg/kg	UJ
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Heptachlor epoxide	0.0007	mg/kg	UJ
21-11200	MD21-01-0522	17.0–18.0	Qbt3	BHC[delta-]	0.0007	mg/kg	UJ
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Gross beta	42.3	pCi/g	None
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Thorium-232	1.27	pCi/g	None
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Thorium-228	1.8	pCi/g	None
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Thorium-230	0.947	pCi/g	None
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Aluminum	2.02	mg/kg	None
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Arsenic	0.00197	mg/kg	None
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Barium	0.0169	mg/kg	None
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Calcium	1.06	mg/kg	None
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Cadmium	0.48	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Cobalt	0.00037	mg/kg	J
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Chromium	0.00427	mg/kg	None
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Copper	0.00128	mg/kg	None
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Iron	3.92	mg/kg	None
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Potassium	0.376	mg/kg	None
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Magnesium	0.386	mg/kg	None
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Manganese	0.177	mg/kg	None
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Sodium	0.173	mg/kg	None
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Lead	0.00288	mg/kg	None
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Selenium	0.000635	mg/kg	None
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Vanadium	0.00255	mg/kg	None
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Zinc	0.0159	mg/kg	None
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Mercury	0.0002	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Silver	0.000017	mg/kg	J
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Beryllium	0.000194	mg/kg	None
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Nickel	0.00111	mg/kg	None
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Antimony	0.000027	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Thallium	0.0005	mg/kg	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Cobalt-60	0.0118	pCi/g	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Cesium-134	-0.00049	pCi/g	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Cesium-137	-0.00274	pCi/g	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Europium-152	-0.098	pCi/g	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Sodium-22	0.0376	pCi/g	U
21-11200	MD21-01-0522	17.0–18.0	Qbt3	Ruthenium-106	0.123	pCi/g	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Plutonium-238	0.09	pCi/g	None
21-11200	MD21-01-0523	12.0–15.0	FILL	Plutonium-239	0.00881	pCi/g	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Americium-241	0.0139	pCi/g	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Trichlorobenzene[1,2,4-]	0.377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Benzo(b)fluoranthene	0.0377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Di-n-octylphthalate	0.377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Dinitrotoluene[2,6-]	0.377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Di-n-butylphthalate	0.377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Tetrachloroethane[1,1,1,2-]	0.0013	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Dibromomethane	0.0013	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Bromochloromethane	0.0013	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Methylene chloride	0.0064	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Dichlorodifluoromethane	0.0013	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11200	MD21-01-0523	12.0–15.0	FILL	Chlorotoluene[2-]	0.0013	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Chloroaniline[4-]	0.377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Phenol	0.377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Dichlorophenol[2,4-]	0.377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Chlorodibromomethane	0.0013	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Dichloroethene[trans-1,2-]	0.0013	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Bromomethane	0.0013	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Vinyl chloride	0.0013	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Butanone[2-]	0.0064	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Xylene[1,2-]	0.0013	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Benzo(a)anthracene	0.0377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Isophorone	0.377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Ethylbenzene	0.0013	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Propylbenzene[1-]	0.0013	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Chloroethane	0.0013	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Trimethylbenzene[1,2,4-]	0.0013	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Bromophenyl-phenylether[4-]	0.377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Dichlorobenzene[1,4-]	0.377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Diphenylamine	0.377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Benzo(k)fluoranthene	0.0377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Dinitrophenol[2,4-]	0.754	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Chloro-3-methylphenol[4-]	0.377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Hexachloroethane	0.377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Bis(2-chloroethoxy)methane	0.377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Anthracene	0.0377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Dinitro-2-methylphenol[4,6-]	0.377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Pentachlorophenol	0.377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Nitroaniline[2-]	0.377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Chloronaphthalene[2-]	0.0377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Butylbenzene[n-]	0.0013	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Methyl-2-pentanone[4-]	0.0064	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Dichloropropane[1,3-]	0.0013	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Carbon tetrachloride	0.0013	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Trichloroethane[1,1,1-]	0.0013	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Benzoic acid	0.754	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Trichloroethene	0.0013	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Azobenzene	0.0377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Indeno(1,2,3-cd)pyrene	0.0377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Dichlorobenzene[1,3-]	0.377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Aniline	0.377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Nitrosodimethylamine[N-]	0.377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Nitrobenzene	0.377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Benzyl alcohol	0.377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Oxybis(1-chloropropane)[2,2'-]	0.377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Bis(2-ethylhexyl)phthalate	0.377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Benzo(g,h,i)perylene	0.0377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Acenaphthene	0.0377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Trichlorophenol[2,4,6-]	0.377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Toluene	0.00038	mg/kg	J
21-11200	MD21-01-0523	12.0–15.0	FILL	Iodomethane	0.0064	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Bromodichloromethane	0.0013	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11200	MD21-01-0523	12.0–15.0	FILL	Isopropylbenzene	0.0013	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Chlorophenyl-phenyl[4-] ether	0.377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Dichlorobenzene[1,2-]	0.377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Dichloropropene[cis-1,3-]	0.0013	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Dichloropropene[trans-1,3-]	0.0013	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Dichloroethene[cis-1,2-]	0.0013	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Chloromethane	0.0013	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Dichloropropane[1,2-]	0.0013	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Pyridine	0.377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Acenaphthylene	0.0377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Butylbenzylphthalate	0.377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Chlorophenol[2-]	0.377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Trimethylbenzene[1,3,5-]	0.0013	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Dichloropropane[2,2-]	0.0013	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Methylphenol[4-]	0.377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Dibenzofuran	0.377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Dibenz(a,h)anthracene	0.0377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Methylnaphthalene[2-]	0.0377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Methylphenol[2-]	0.377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Butylbenzene[sec-]	0.0013	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Trichloroethane[1,1,2-]	0.0013	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Nitroaniline[4-]	0.377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Bis(2-chloroethyl)ether	0.377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Dimethyl phthalate	0.377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Chrysene	0.0377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Hexachlorocyclopentadiene	0.377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Dichlorobenzene[1,4-]	0.0013	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Chlorobenzene	0.0013	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Dichlorobenzene[1,3-]	0.0013	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Tetrachloroethane[1,1,2,2-]	0.0013	mg/kg	UJ
21-11200	MD21-01-0523	12.0–15.0	FILL	Nitrophenol[4-]	0.377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Hexachlorobenzene	0.377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Dinitrotoluene[2,4-]	0.377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Pyrene	0.0377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Fluoranthene	0.0377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Nitroso-di-n-propylamine[N-]	0.377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Phenanthrene	0.0377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Fluorene	0.0377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Trichlorophenol[2,4,5-]	0.377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Styrene	0.0013	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Dimethylphenol[2,4-]	0.377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Benzo(a)pyrene	0.0377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Diethylphthalate	0.377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Hexachlorobutadiene	0.377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Nitrophenol[2-]	0.377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Naphthalene	0.0377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Dichlorobenzidine[3,3'-]	0.377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Nitroaniline[3-]	0.377	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Chlorotoluene[4-]	0.0013	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Carbon disulfide	0.0064	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Chloroform	0.0013	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11200	MD21-01-0523	12.0–15.0	FILL	Dichloroethane[1,1-]	0.0013	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Dibromo-3-chloropropane[1,2-]	0.0013	mg/kg	UJ
21-11200	MD21-01-0523	12.0–15.0	FILL	Dibromoethane[1,2-]	0.0013	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Dichloroethane[1,2-]	0.0013	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Tetrachloroethene	0.0013	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Bromoform	0.0013	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Dichlorobenzene[1,2-]	0.00054	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Trichloropropane[1,2,3-]	0.0013	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Trichlorotrifluoroethane	0.0064	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Dichloropropene[1,1-]	0.0013	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Hexanone[2-]	0.0064	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Isopropyltoluene[4-]	0.0013	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Bromobenzene	0.0013	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Acetone	0.0079	mg/kg	None
21-11200	MD21-01-0523	12.0–15.0	FILL	Benzene	0.0013	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Dichloroethene[1,1-]	0.0013	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Trichlorofluoromethane	0.0013	mg/kg	UJ
21-11200	MD21-01-0523	12.0–15.0	FILL	Butylbenzene[tert-]	0.0013	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Xylene[1,3-]+Xylene[1,4-]	0.0026	mg/kg	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Chlordane[gamma-]	0.00075	mg/kg	UJ
21-11200	MD21-01-0523	12.0–15.0	FILL	Endosulfan I	0.00075	mg/kg	UJ
21-11200	MD21-01-0523	12.0–15.0	FILL	Aroclor-1254	0.0075	mg/kg	UJ
21-11200	MD21-01-0523	12.0–15.0	FILL	Aroclor-1221	0.0075	mg/kg	UJ
21-11200	MD21-01-0523	12.0–15.0	FILL	Aroclor-1232	0.0075	mg/kg	UJ
21-11200	MD21-01-0523	12.0–15.0	FILL	Uranium-238	0.948	pCi/g	None
21-11200	MD21-01-0523	12.0–15.0	FILL	Uranium-234	1.04	pCi/g	None
21-11200	MD21-01-0523	12.0–15.0	FILL	Strontium-90	0.0547	pCi/g	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Endosulfan sulfate	0.0015	mg/kg	UJ
21-11200	MD21-01-0523	12.0–15.0	FILL	Toxaphene (technical grade)	0.0377	mg/kg	UJ
21-11200	MD21-01-0523	12.0–15.0	FILL	DDD[4,4'-]	0.0015	mg/kg	UJ
21-11200	MD21-01-0523	12.0–15.0	FILL	Aldrin	0.00075	mg/kg	UJ
21-11200	MD21-01-0523	12.0–15.0	FILL	BHC[delta-]	0.00075	mg/kg	UJ
21-11200	MD21-01-0523	12.0–15.0	FILL	Chlordane[alpha-]	0.00075	mg/kg	UJ
21-11200	MD21-01-0523	12.0–15.0	FILL	BHC[alpha-]	0.00075	mg/kg	UJ
21-11200	MD21-01-0523	12.0–15.0	FILL	DDE[4,4'-]	0.0015	mg/kg	UJ
21-11200	MD21-01-0523	12.0–15.0	FILL	Endrin ketone	0.0015	mg/kg	UJ
21-11200	MD21-01-0523	12.0–15.0	FILL	DDT[4,4'-]	0.0015	mg/kg	UJ
21-11200	MD21-01-0523	12.0–15.0	FILL	Methoxychlor[4,4'-]	0.0075	mg/kg	UJ
21-11200	MD21-01-0523	12.0–15.0	FILL	Gross beta	38.4	pCi/g	None
21-11200	MD21-01-0523	12.0–15.0	FILL	Gross alpha/beta	21.8	pCi/g	None
21-11200	MD21-01-0523	12.0–15.0	FILL	Endosulfan II	0.0015	mg/kg	UJ
21-11200	MD21-01-0523	12.0–15.0	FILL	BHC[gamma-]	0.00075	mg/kg	UJ
21-11200	MD21-01-0523	12.0–15.0	FILL	Dieldrin	0.0015	mg/kg	UJ
21-11200	MD21-01-0523	12.0–15.0	FILL	Endrin	0.0015	mg/kg	UJ
21-11200	MD21-01-0523	12.0–15.0	FILL	Aroclor-1016	0.0075	mg/kg	UJ
21-11200	MD21-01-0523	12.0–15.0	FILL	Aroclor-1242	0.0075	mg/kg	UJ
21-11200	MD21-01-0523	12.0–15.0	FILL	BHC[beta-]	0.00075	mg/kg	UJ
21-11200	MD21-01-0523	12.0–15.0	FILL	Heptachlor	0.00075	mg/kg	UJ
21-11200	MD21-01-0523	12.0–15.0	FILL	Aroclor-1248	0.0075	mg/kg	UJ
21-11200	MD21-01-0523	12.0–15.0	FILL	Heptachlor epoxide	0.00075	mg/kg	UJ
21-11200	MD21-01-0523	12.0–15.0	FILL	Endrin aldehyde	0.0015	mg/kg	UJ

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11200	MD21-01-0523	12.0–15.0	FILL	Aroclor-1260	0.0075	mg/kg	UJ
21-11200	MD21-01-0523	12.0–15.0	FILL	Tritium	5.553859	pCi/g	None
21-11200	MD21-01-0523	12.0–15.0	FILL	Uranium-235	0.0713	pCi/g	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Thorium-230	1.46	pCi/g	None
21-11200	MD21-01-0523	12.0–15.0	FILL	Thorium-228	2.14	pCi/g	None
21-11200	MD21-01-0523	12.0–15.0	FILL	Thorium-232	1.95	pCi/g	None
21-11200	MD21-01-0523	12.0–15.0	FILL	Aluminum	10.9	mg/kg	None
21-11200	MD21-01-0523	12.0–15.0	FILL	Arsenic	0.00233	mg/kg	None
21-11200	MD21-01-0523	12.0–15.0	FILL	Barium	0.0827	mg/kg	None
21-11200	MD21-01-0523	12.0–15.0	FILL	Calcium	1.98	mg/kg	None
21-11200	MD21-01-0523	12.0–15.0	FILL	Cadmium	0.000052	mg/kg	J
21-11200	MD21-01-0523	12.0–15.0	FILL	Cobalt	0.00186	mg/kg	None
21-11200	MD21-01-0523	12.0–15.0	FILL	Chromium	0.00802	mg/kg	None
21-11200	MD21-01-0523	12.0–15.0	FILL	Copper	0.00476	mg/kg	None
21-11200	MD21-01-0523	12.0–15.0	FILL	Iron	8.910001	mg/kg	None
21-11200	MD21-01-0523	12.0–15.0	FILL	Potassium	1.86	mg/kg	None
21-11200	MD21-01-0523	12.0–15.0	FILL	Magnesium	2.51	mg/kg	None
21-11200	MD21-01-0523	12.0–15.0	FILL	Manganese	0.185	mg/kg	None
21-11200	MD21-01-0523	12.0–15.0	FILL	Sodium	0.88	mg/kg	None
21-11200	MD21-01-0523	12.0–15.0	FILL	Lead	0.00899	mg/kg	None
21-11200	MD21-01-0523	12.0–15.0	FILL	Selenium	0.000451	mg/kg	J
21-11200	MD21-01-0523	12.0–15.0	FILL	Vanadium	0.0104	mg/kg	None
21-11200	MD21-01-0523	12.0–15.0	FILL	Zinc	0.0247	mg/kg	None
21-11200	MD21-01-0523	12.0–15.0	FILL	Mercury	7E-06	mg/kg	J
21-11200	MD21-01-0523	12.0–15.0	FILL	Silver	0.000038	mg/kg	J
21-11200	MD21-01-0523	12.0–15.0	FILL	Beryllium	0.000598	mg/kg	None
21-11200	MD21-01-0523	12.0–15.0	FILL	Nickel	0.00551	mg/kg	None
21-11200	MD21-01-0523	12.0–15.0	FILL	Antimony	0.002	mg/kg	UJ
21-11200	MD21-01-0523	12.0–15.0	FILL	Thallium	0.000099	mg/kg	J
21-11200	MD21-01-0523	12.0–15.0	FILL	Cobalt-60	-0.00202	pCi/g	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Cesium-134	0.00811	pCi/g	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Cesium-137	-0.0198	pCi/g	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Europium-152	-0.0944	pCi/g	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Sodium-22	-0.032	pCi/g	U
21-11200	MD21-01-0523	12.0–15.0	FILL	Ruthenium-106	0.0819	pCi/g	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Americium-241	0.00627	pCi/g	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Plutonium-238	-0.00215	pCi/g	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Plutonium-239	-0.00646	pCi/g	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Nitroaniline[4-]	0.375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Chloroaniline[4-]	0.375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Bis(2-chloroethoxy)methane	0.375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Di-n-octylphthalate	0.375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Trichlorobenzene[1,2,4-]	0.375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Trichlorophenol[2,4,6-]	0.375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Methylphenol[2-]	0.375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Nitroaniline[3-]	0.375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Phenol	0.375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Indeno(1,2,3-cd)pyrene	0.0375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Butylbenzene[n-]	0.0015	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Trichloroethane[1,1,1-]	0.0015	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Trichlorofluoromethane	0.0015	mg/kg	UJ

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11200	MD21-01-0524	12.0–15.0	FILL	Dichlorobenzene[1,4-]	0.375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Benzo(a)pyrene	0.0375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Dinitro-2-methylphenol[4,6-]	0.375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Aniline	0.375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Hexachloroethane	0.375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Di-n-butylphthalate	0.375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Naphthalene	0.0375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Bromomethane	0.0015	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Dimethylphenol[2,4-]	0.375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Benzo(g,h,i)perylene	0.0375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Dichloropropene[cis-1,3-]	0.0015	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Dichloroethene[trans-1,2-]	0.0015	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Carbon tetrachloride	0.0015	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Vinyl chloride	0.0015	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Benzo(b)fluoranthene	0.0375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Acenaphthylene	0.0375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Acenaphthene	0.0375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Nitroaniline[2-]	0.375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Dichlorobenzene[1,2-]	0.375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Dinitrotoluene[2,4-]	0.375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Benzo(k)fluoranthene	0.0375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Dibenz(a,h)anthracene	0.0375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Chloronaphthalene[2-]	0.0375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Ethylbenzene	0.0015	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Dibromoethane[1,2-]	0.0015	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Dichloroethane[1,2-]	0.0015	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Hexanone[2-]	0.0074	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Chloromethane	0.0015	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Benzyl alcohol	0.375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Hexachlorobenzene	0.375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Dinitrophenol[2,4-]	0.75	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Dinitrotoluene[2,6-]	0.375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Nitroso-di-n-propylamine[N-]	0.375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Isophorone	0.375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Methylnaphthalene[2-]	0.0375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Nitrobenzene	0.375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Tetrachloroethene	0.0015	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Chloroform	0.0015	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Bromophenyl-phenylether[4-]	0.375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Oxybis(1-chloropropane)[2,2'-]	0.375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Pyridine	0.375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Anthracene	0.0375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Fluorene	0.0375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Nitrophenol[4-]	0.375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Bis(2-chloroethyl)ether	0.375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Diphenylamine	0.375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Nitrosodimethylamine[N-]	0.375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Phenanthrene	0.0375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Hexachlorobutadiene	0.375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Toluene	0.0015	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Dibromomethane	0.0015	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11200	MD21-01-0524	12.0–15.0	FILL	Benzoic acid	0.75	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Nitrophenol[2-]	0.375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Benzo(a)anthracene	0.0375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Trichlorotrifluoroethane	0.0074	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Benzene	0.0015	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Iodomethane	0.0074	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Bromochloromethane	0.0015	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Bromoform	0.0015	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Dichloroethane[1,1-]	0.0015	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Dichloroethene[1,1-]	0.0015	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Chrysene	0.0375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Dichlorobenzene[1,3-]	0.375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Chloro-3-methylphenol[4-]	0.375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Chlorophenyl-phenyl[4-] ether	0.375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Hexachlorocyclopentadiene	0.375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Chlorophenol[2-]	0.375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Butanone[2-]	0.0074	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Trichloroethene	0.0015	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Xylene[1,2-]	0.0015	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Isopropyltoluene[4-]	0.0015	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Azobenzene	0.0375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Methylphenol[4-]	0.375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Bis(2-ethylhexyl)phthalate	0.0865	mg/kg	J
21-11200	MD21-01-0524	12.0–15.0	FILL	Butylbenzylphthalate	0.375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Dichlorobenzene[1,4-]	0.0015	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Chloroethane	0.0015	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Dichloropropane[1,2-]	0.0015	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Tetrachloroethane[1,1,2,2-]	0.0015	mg/kg	UJ
21-11200	MD21-01-0524	12.0–15.0	FILL	Chlorotoluene[2-]	0.0015	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Pyrene	0.0375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Dimethyl phthalate	0.375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Fluoranthene	0.0375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Trimethylbenzene[1,2,4-]	0.0015	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Trichloropropane[1,2,3-]	0.0015	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Dichlorophenol[2,4-]	0.375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Dibenzofuran	0.375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Diethylphthalate	0.375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Pentachlorophenol	0.375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Dichlorobenzidine[3,3'-]	0.375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Trichlorophenol[2,4,5-]	0.375	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Chlorotoluene[4-]	0.0015	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Methyl-2-pentanone[4-]	0.0074	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Trimethylbenzene[1,3,5-]	0.0015	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Dichloropropane[2,2-]	0.0015	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Methylene chloride	0.00085	mg/kg	J
21-11200	MD21-01-0524	12.0–15.0	FILL	Bromodichloromethane	0.0015	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Butylbenzene[sec-]	0.0015	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Dichloroethene[cis-1,2-]	0.0015	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Dichloropropene[1,1-]	0.0015	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Tetrachloroethane[1,1,1,2-]	0.0015	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Carbon disulfide	0.0074	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11200	MD21-01-0524	12.0–15.0	FILL	Dichloropropene[trans-1,3-]	0.0015	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Bromobenzene	0.0015	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Dichloropropane[1,3-]	0.0015	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Acetone	0.0109	mg/kg	None
21-11200	MD21-01-0524	12.0–15.0	FILL	Styrene	0.0015	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Propylbenzene[1-]	0.0015	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Chlorodibromomethane	0.0015	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Dichlorobenzene[1,3-]	0.0015	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Chlorobenzene	0.0015	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Dichlorodifluoromethane	0.0015	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Butylbenzene[tert-]	0.0015	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Dibromo-3-chloropropane[1,2-]	0.0015	mg/kg	UJ
21-11200	MD21-01-0524	12.0–15.0	FILL	Isopropylbenzene	0.0015	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Xylene[1,3-]+Xylene[1,4-]	0.003	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Chlordane[alpha-]	0.00075	mg/kg	UJ
21-11200	MD21-01-0524	12.0–15.0	FILL	Chlordane[gamma-]	0.00075	mg/kg	UJ
21-11200	MD21-01-0524	12.0–15.0	FILL	Endrin aldehyde	0.0015	mg/kg	UJ
21-11200	MD21-01-0524	12.0–15.0	FILL	BHC[alpha-]	0.00075	mg/kg	UJ
21-11200	MD21-01-0524	12.0–15.0	FILL	Endrin ketone	0.0015	mg/kg	UJ
21-11200	MD21-01-0524	12.0–15.0	FILL	Aldrin	0.00075	mg/kg	UJ
21-11200	MD21-01-0524	12.0–15.0	FILL	Dieldrin	0.0015	mg/kg	UJ
21-11200	MD21-01-0524	12.0–15.0	FILL	Aroclor-1016	0.0075	mg/kg	UJ
21-11200	MD21-01-0524	12.0–15.0	FILL	Gross alpha/beta	13.1	pCi/g	None
21-11200	MD21-01-0524	12.0–15.0	FILL	Tritium	5.572391	pCi/g	None
21-11200	MD21-01-0524	12.0–15.0	FILL	Strontium-90	-0.041	pCi/g	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Endosulfan sulfate	0.0015	mg/kg	UJ
21-11200	MD21-01-0524	12.0–15.0	FILL	BHC[delta-]	0.00075	mg/kg	UJ
21-11200	MD21-01-0524	12.0–15.0	FILL	BHC[gamma-]	0.00075	mg/kg	UJ
21-11200	MD21-01-0524	12.0–15.0	FILL	Aroclor-1242	0.0075	mg/kg	UJ
21-11200	MD21-01-0524	12.0–15.0	FILL	Uranium-238	0.873	pCi/g	None
21-11200	MD21-01-0524	12.0–15.0	FILL	Heptachlor epoxide	0.00075	mg/kg	UJ
21-11200	MD21-01-0524	12.0–15.0	FILL	DDD[4,4'-]	0.0015	mg/kg	UJ
21-11200	MD21-01-0524	12.0–15.0	FILL	Aroclor-1254	0.0075	mg/kg	UJ
21-11200	MD21-01-0524	12.0–15.0	FILL	DDT[4,4'-]	0.0015	mg/kg	UJ
21-11200	MD21-01-0524	12.0–15.0	FILL	Toxaphene (technical grade)	0.0375	mg/kg	UJ
21-11200	MD21-01-0524	12.0–15.0	FILL	Aroclor-1248	0.0075	mg/kg	UJ
21-11200	MD21-01-0524	12.0–15.0	FILL	Methoxychlor[4,4'-]	0.0075	mg/kg	UJ
21-11200	MD21-01-0524	12.0–15.0	FILL	Aroclor-1260	0.0075	mg/kg	UJ
21-11200	MD21-01-0524	12.0–15.0	FILL	Gross beta	30.7	pCi/g	None
21-11200	MD21-01-0524	12.0–15.0	FILL	Endosulfan II	0.0015	mg/kg	UJ
21-11200	MD21-01-0524	12.0–15.0	FILL	Heptachlor	0.00075	mg/kg	UJ
21-11200	MD21-01-0524	12.0–15.0	FILL	Aroclor-1221	0.0075	mg/kg	UJ
21-11200	MD21-01-0524	12.0–15.0	FILL	DDE[4,4'-]	0.0015	mg/kg	UJ
21-11200	MD21-01-0524	12.0–15.0	FILL	Uranium-235	0.0935	pCi/g	None
21-11200	MD21-01-0524	12.0–15.0	FILL	Endosulfan I	0.00075	mg/kg	UJ
21-11200	MD21-01-0524	12.0–15.0	FILL	Uranium-234	1.01	pCi/g	None
21-11200	MD21-01-0524	12.0–15.0	FILL	BHC[beta-]	0.00075	mg/kg	UJ
21-11200	MD21-01-0524	12.0–15.0	FILL	Endrin	0.0015	mg/kg	UJ
21-11200	MD21-01-0524	12.0–15.0	FILL	Aroclor-1232	0.0075	mg/kg	UJ
21-11200	MD21-01-0524	12.0–15.0	FILL	Trichloroethane[1,1,2-]	0.0015	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Dichlorobenzene[1,2-]	0.00055	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11200	MD21-01-0524	12.0–15.0	FILL	Thorium-232	1.57	pCi/g	None
21-11200	MD21-01-0524	12.0–15.0	FILL	Thorium-228	1.89	pCi/g	None
21-11200	MD21-01-0524	12.0–15.0	FILL	Thorium-230	1.16	pCi/g	None
21-11200	MD21-01-0524	12.0–15.0	FILL	Aluminum	13.7	mg/kg	None
21-11200	MD21-01-0524	12.0–15.0	FILL	Arsenic	0.0025	mg/kg	None
21-11200	MD21-01-0524	12.0–15.0	FILL	Barium	0.0941	mg/kg	None
21-11200	MD21-01-0524	12.0–15.0	FILL	Calcium	2.16	mg/kg	None
21-11200	MD21-01-0524	12.0–15.0	FILL	Cadmium	0.005	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Cobalt	0.00218	mg/kg	None
21-11200	MD21-01-0524	12.0–15.0	FILL	Chromium	0.0103	mg/kg	None
21-11200	MD21-01-0524	12.0–15.0	FILL	Copper	0.00598	mg/kg	None
21-11200	MD21-01-0524	12.0–15.0	FILL	Iron	10.7	mg/kg	None
21-11200	MD21-01-0524	12.0–15.0	FILL	Potassium	2.32	mg/kg	None
21-11200	MD21-01-0524	12.0–15.0	FILL	Magnesium	3.05	mg/kg	None
21-11200	MD21-01-0524	12.0–15.0	FILL	Manganese	0.201	mg/kg	None
21-11200	MD21-01-0524	12.0–15.0	FILL	Sodium	1.07	mg/kg	None
21-11200	MD21-01-0524	12.0–15.0	FILL	Lead	0.0108	mg/kg	None
21-11200	MD21-01-0524	12.0–15.0	FILL	Selenium	0.005	mg/kg	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Vanadium	0.013	mg/kg	None
21-11200	MD21-01-0524	12.0–15.0	FILL	Zinc	0.0289	mg/kg	None
21-11200	MD21-01-0524	12.0–15.0	FILL	Mercury	0.000029	mg/kg	None
21-11200	MD21-01-0524	12.0–15.0	FILL	Silver	0.000025	mg/kg	J
21-11200	MD21-01-0524	12.0–15.0	FILL	Beryllium	0.000527	mg/kg	None
21-11200	MD21-01-0524	12.0–15.0	FILL	Nickel	0.0051	mg/kg	None
21-11200	MD21-01-0524	12.0–15.0	FILL	Antimony	0.45	mg/kg	UJ
21-11200	MD21-01-0524	12.0–15.0	FILL	Thallium	0.000088	mg/kg	J
21-11200	MD21-01-0524	12.0–15.0	FILL	Cobalt-60	0.026	pCi/g	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Cesium-134	0.0168	pCi/g	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Cesium-137	-0.00165	pCi/g	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Europium-152	0.0301	pCi/g	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Sodium-22	-0.0128	pCi/g	U
21-11200	MD21-01-0524	12.0–15.0	FILL	Ruthenium-106	-0.143	pCi/g	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Dichloropropane[1,3-]	0.0015	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Trichlorotrifluoroethane	0.0076	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Dichlorobenzene[1,3-]	0.0015	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Carbon tetrachloride	0.0015	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Hexanone[2-]	0.0076	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Iodomethane	0.0076	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Bromochloromethane	0.0015	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Chloroethane	0.0015	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Trichloropropane[1,2,3-]	0.0015	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Trichlorofluoromethane	0.0015	mg/kg	UJ
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Americium-241	0.0198	pCi/g	None
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Dichloropropene[1,1-]	0.0015	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Dichloropropane[2,2-]	0.0015	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Carbon disulfide	0.0076	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Bromodichloromethane	0.0015	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Butanone[2-]	0.0076	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Trichloroethene	0.0015	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Dibromomethane	0.0015	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Trimethylbenzene[1,2,4-]	0.0015	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Isopropyltoluene[4-]	0.0015	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Dichloroethene[cis-1,2-]	0.0015	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Methylene chloride	0.0076	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Trichloroethane[1,1,2-]	0.0015	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Plutonium-238	0.00393	pCi/g	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Dichloroethene[trans-1,2-]	0.0015	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Chloroform	0.0015	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Dichloropropane[1,2-]	0.0015	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Trichloroethane[1,1,1-]	0.0015	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Xylene[1,2-]	0.0015	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Dichlorobenzene[1,2-]	0.00054	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Xylene[1,3-]+Xylene[1,4-]	0.003	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Tetrachloroethane[1,1,1,2-]	0.0015	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Acetone	0.0255	mg/kg	None
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Chloromethane	0.0015	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Vinyl chloride	0.0015	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Isopropylbenzene	0.0015	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Bromomethane	0.0015	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Dichloroethane[1,1-]	0.0015	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Tetrachloroethane[1,1,2,2-]	0.0015	mg/kg	UJ
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Dibromo-3-chloropropane[1,2-]	0.0015	mg/kg	UJ
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Dichloroethene[1,1-]	0.0015	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Butylbenzene[tert-]	0.0015	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Plutonium-239	-0.0138	pCi/g	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Benzene	0.00035	mg/kg	J
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Bromoform	0.0015	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Dichlorodifluoromethane	0.0015	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Chlorotoluene[2-]	0.0015	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Oxybis(1-chloropropane)[2,2'-]	0.366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Benzo(a)pyrene	0.0366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Diethylphthalate	0.366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Pentachlorophenol	0.366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Chloroaniline[4-]	0.366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Di-n-octylphthalate	0.366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Dichlorophenol[2,4-]	0.366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Diphenylamine	0.366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Benzoic acid	0.733	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Nitrobenzene	0.366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Benzyl alcohol	0.366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Dimethylphenol[2,4-]	0.366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Indeno(1,2,3-cd)pyrene	0.0366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Hexachloroethane	0.366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Methylnaphthalene[2-]	0.0366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Dichlorobenzene[1,4-]	0.366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Hexachlorobenzene	0.366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Benzo(b)fluoranthene	0.0366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Dichlorobenzene[1,3-]	0.366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Benzo(a)anthracene	0.0366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Aniline	0.366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Nitrosodimethylamine[N-]	0.366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Nitrophenol[4-]	0.366	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Bromophenyl-phenylether[4-]	0.366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Bis(2-chloroethoxy)methane	0.366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Dinitrotoluene[2,4-]	0.366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Pyrene	0.0366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Chloro-3-methylphenol[4-]	0.366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Butylbenzylphthalate	0.366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Trichlorophenol[2,4,6-]	0.366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Dichlorobenzene[1,2-]	0.366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Bis(2-ethylhexyl)phthalate	0.366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Dinitro-2-methylphenol[4,6-]	0.366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Dinitrotoluene[2,6-]	0.366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Nitroaniline[3-]	0.366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Benzo(g,h,i)perylene	0.0366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Hexachlorocyclopentadiene	0.366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Hexachlorobutadiene	0.366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Naphthalene	0.0366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Chloronaphthalene[2-]	0.0366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Trichlorophenol[2,4,5-]	0.366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Benzo(k)fluoranthene	0.0366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Dibenz(a,h)anthracene	0.0366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Nitroaniline[2-]	0.366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Acenaphthylene	0.0366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Chlorophenyl-phenyl[4-] ether	0.366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Dimethyl phthalate	0.366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Isophorone	0.366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Fluorene	0.0366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Nitrophenol[2-]	0.366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Azobenzene	0.0366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Fluoranthene	0.0366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Phenol	0.366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Pyridine	0.366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Dinitrophenol[2,4-]	0.733	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Dichlorobenzidine[3,3'-]	0.366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Styrene	0.0015	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Chrysene	0.0366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Acenaphthene	0.0366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Chlorophenol[2-]	0.366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Methylphenol[4-]	0.366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Bis(2-chloroethyl)ether	0.366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Dibenzofuran	0.366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Phenanthrene	0.0366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Chlorobenzene	0.0015	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Nitroaniline[4-]	0.366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Anthracene	0.0366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Propylbenzene[1-]	0.0015	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Trichlorobenzene[1,2,4-]	0.366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Nitroso-di-n-propylamine[N-]	0.366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Di-n-butylphthalate	0.366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Methylphenol[2-]	0.366	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Dibromoethane[1,2-]	0.0015	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Chlorodibromomethane	0.0015	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Dichloropropene[trans-1,3-]	0.0015	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Bromobenzene	0.0015	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Tetrachloroethene	0.0015	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Uranium-238	1.28	pCi/g	None
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Strontium-90	0.0393	pCi/g	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Aroclor-1221	0.0073	mg/kg	UJ
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Tritium	5.490055	pCi/g	None
21-11200	MD21-01-0525	17.0–18.0	Qbt3	BHC[alpha-]	0.00022	mg/kg	J-
21-11200	MD21-01-0525	17.0–18.0	Qbt3	BHC[delta-]	0.00024	mg/kg	J-
21-11200	MD21-01-0525	17.0–18.0	Qbt3	BHC[gamma-]	0.00024	mg/kg	J-
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Aroclor-1260	0.0073	mg/kg	UJ
21-11200	MD21-01-0525	17.0–18.0	Qbt3	DDT[4,4'-]	0.0015	mg/kg	UJ
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Chlordane[gamma-]	0.00073	mg/kg	UJ
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Heptachlor	0.00073	mg/kg	UJ
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Endrin	0.0015	mg/kg	UJ
21-11200	MD21-01-0525	17.0–18.0	Qbt3	BHC[beta-]	0.00073	mg/kg	UJ
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Methoxychlor[4,4'-]	0.0073	mg/kg	UJ
21-11200	MD21-01-0525	17.0–18.0	Qbt3	DDE[4,4'-]	0.0015	mg/kg	UJ
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Endrin aldehyde	0.0015	mg/kg	UJ
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Uranium-234	1.22	pCi/g	None
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Uranium-235	0.131	pCi/g	None
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Gross alpha/beta	16.8	pCi/g	None
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Heptachlor epoxide	0.00073	mg/kg	UJ
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Chlordane[alpha-]	0.00073	mg/kg	UJ
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Endosulfan I	0.00073	mg/kg	UJ
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Gross beta	45	pCi/g	None
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Endrin ketone	0.0015	mg/kg	UJ
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Dieldrin	0.0003	mg/kg	J-
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Aroclor-1254	0.0073	mg/kg	UJ
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Endosulfan II	0.0015	mg/kg	UJ
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Aroclor-1016	0.0073	mg/kg	UJ
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Endosulfan sulfate	0.00023	mg/kg	J-
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Aldrin	0.00027	mg/kg	J-
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Aroclor-1232	0.0073	mg/kg	UJ
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Aroclor-1242	0.0073	mg/kg	UJ
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Toxaphene (technical grade)	0.0366	mg/kg	UJ
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Aroclor-1248	0.0073	mg/kg	UJ
21-11200	MD21-01-0525	17.0–18.0	Qbt3	DDD[4,4'-]	0.00029	mg/kg	J-
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Butylbenzene[sec-]	0.0015	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Ethylbenzene	0.0015	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Trimethylbenzene[1,3,5-]	0.0015	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Dichloropropene[cis-1,3-]	0.0015	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Dichloroethane[1,2-]	0.0015	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Chlorotoluene[4-]	0.0015	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Methyl-2-pentanone[4-]	0.0076	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Toluene	0.0015	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Dichlorobenzene[1,4-]	0.0015	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Butylbenzene[n-]	0.0015	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Thorium-230	1.65	pCi/g	None
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Thorium-228	1.98	pCi/g	None
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Thorium-232	1.75	pCi/g	None

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Aluminum	12.2	mg/kg	None
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Arsenic	0.00179	mg/kg	None
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Barium	0.0781	mg/kg	None
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Calcium	2.05	mg/kg	None
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Cadmium	0.005	mg/kg	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Cobalt	0.00219	mg/kg	None
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Chromium	0.008	mg/kg	None
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Copper	0.0054	mg/kg	None
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Iron	9.96	mg/kg	None
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Potassium	2.21	mg/kg	None
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Magnesium	2.93	mg/kg	None
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Manganese	0.143	mg/kg	None
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Sodium	1.2	mg/kg	None
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Lead	0.00669	mg/kg	None
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Selenium	0.000664	mg/kg	None
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Vanadium	0.013	mg/kg	None
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Zinc	0.0263	mg/kg	None
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Mercury	0.000005	mg/kg	J
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Silver	0.00002	mg/kg	J
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Beryllium	0.000553	mg/kg	None
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Nickel	0.0102	mg/kg	None
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Antimony	0.002	mg/kg	UJ
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Thallium	0.000127	mg/kg	None
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Cobalt-60	0.0167	pCi/g	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Cesium-134	-0.0294	pCi/g	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Cesium-137	0.0194	pCi/g	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Europium-152	0.122	pCi/g	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Sodium-22	-0.0278	pCi/g	U
21-11200	MD21-01-0525	17.0–18.0	Qbt3	Ruthenium-106	0.0971	pCi/g	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Dichloropropane[1,3-]	0.0012	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Trichlorotrifluoroethane	0.0061	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Dichlorobenzene[1,3-]	0.0012	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Trichloroethane[1,1,1-]	0.0012	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Dichlorodifluoromethane	0.0012	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Trichloroethane[1,1,2-]	0.0012	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Dibromo-3-chloropropane[1,2-]	0.0012	mg/kg	UJ
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Ethylbenzene	0.0012	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Dichlorobenzene[1,4-]	0.0012	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Chlorobenzene	0.0012	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Methylene chloride	0.0061	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Trichlorofluoromethane	0.0012	mg/kg	UJ
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Isopropylbenzene	0.0012	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Xylene[1,3-]+Xylene[1,4-]	0.0024	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Dichloropropene[trans-1,3-]	0.0012	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Bromomethane	0.0012	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Trichloroethene	0.0012	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Propylbenzene[1-]	0.0012	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Methyl-2-pentanone[4-]	0.0061	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Vinyl chloride	0.0012	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Dichloroethene[1,1-]	0.0012	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Americium-241	0.0111	pCi/g	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Hexanone[2-]	0.0061	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Chlorotoluene[2-]	0.0012	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Trimethylbenzene[1,2,4-]	0.0012	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Plutonium-238	0.00326	pCi/g	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Chlorotoluene[4-]	0.0012	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Dichloropropene[cis-1,3-]	0.0012	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Dibromomethane	0.0012	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Butanone[2-]	0.0061	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Chlorodibromomethane	0.0012	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Acetone	0.0118	mg/kg	None
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Chloroethane	0.0012	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Bromodichloromethane	0.0012	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Benzene	0.0012	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Trimethylbenzene[1,3,5-]	0.0012	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Tetrachloroethene	0.0012	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Dichloroethene[cis-1,2-]	0.0012	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Dichloroethene[trans-1,2-]	0.0012	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Carbon tetrachloride	0.0012	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Tetrachloroethane[1,1,1,2-]	0.0012	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Chloromethane	0.0012	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Bromochloromethane	0.0012	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Carbon disulfide	0.0061	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Bromoform	0.0012	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Dichloroethane[1,1-]	0.0012	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Tetrachloroethane[1,1,2,2-]	0.0012	mg/kg	UJ
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Dichlorobenzene[1,2-]	0.00044	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Chloroform	0.0012	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Plutonium-239	-0.00326	pCi/g	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Dichloroethane[1,2-]	0.0012	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Dichloropropane[1,2-]	0.0012	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Isopropyltoluene[4-]	0.0012	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Styrene	0.0012	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Dibromoethane[1,2-]	0.0012	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Toluene	0.00036	mg/kg	J
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Butylbenzene[sec-]	0.0012	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Iodomethane	0.0061	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Dichloropropene[1,1-]	0.0012	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Dichloropropane[2,2-]	0.0012	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Xylene[1,2-]	0.0012	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Butylbenzene[tert-]	0.0012	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Bromobenzene	0.0012	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Trichloropropane[1,2,3-]	0.0012	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Butylbenzene[n-]	0.0012	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Dimethylphenol[2,4-]	0.344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Chloroaniline[4-]	0.344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Pyridine	0.344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Dinitro-2-methylphenol[4,6-]	0.344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Acenaphthene	0.0344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Dichlorobenzene[1,4-]	0.344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Dichlorophenol[2,4-]	0.344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Diphenylamine	0.344	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Fluorene	0.0344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Methylphenol[2-]	0.344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Dichlorobenzene[1,2-]	0.344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Nitrobenzene	0.344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Benzo(a)pyrene	0.0344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Isophorone	0.344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Nitroaniline[3-]	0.344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Nitrophenol[4-]	0.344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Methylphenol[4-]	0.344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Nitrosodimethylamine[N-]	0.344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Hexachloroethane	0.344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Phenanthrene	0.0344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Methylnaphthalene[2-]	0.0344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Benzyl alcohol	0.344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Indeno(1,2,3-cd)pyrene	0.0344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Acenaphthylene	0.0344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Hexachlorocyclopentadiene	0.344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Di-n-butylphthalate	0.344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Bis(2-ethylhexyl)phthalate	0.0119	mg/kg	J
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Benzo(b)fluoranthene	0.0344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Dinitrophenol[2,4-]	0.688	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Hexachlorobutadiene	0.344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Nitroaniline[2-]	0.344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Phenol	0.344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Benzo(g,h,i)perylene	0.0344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Bis(2-chloroethoxy)methane	0.344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Pyrene	0.0344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Dimethyl phthalate	0.344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Diethylphthalate	0.344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Chrysene	0.0344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Dibenz(a,h)anthracene	0.0344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Dichlorobenzene[1,3-]	0.344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Dinitrotoluene[2,6-]	0.344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Dichlorobenzidine[3,3'-]	0.344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Chlorophenol[2-]	0.344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Oxybis(1-chloropropane)[2,2'-]	0.344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Hexachlorobenzene	0.344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Naphthalene	0.0344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Nitroaniline[4-]	0.344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Dinitrotoluene[2,4-]	0.344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Benzo(k)fluoranthene	0.0344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Trichlorophenol[2,4,6-]	0.344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Trichlorobenzene[1,2,4-]	0.344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Chloro-3-methylphenol[4-]	0.344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Benzoic acid	0.688	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Butylbenzylphthalate	0.344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Nitrophenol[2-]	0.344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Chloronaphthalene[2-]	0.0344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Bromophenyl-phenylether[4-]	0.344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Bis(2-chloroethyl)ether	0.344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Di-n-octylphthalate	0.344	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Anthracene	0.0344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Fluoranthene	0.0344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Pentachlorophenol	0.344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Trichlorophenol[2,4,5-]	0.344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Dibenzofuran	0.344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Benzo(a)anthracene	0.0344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Chlorophenyl-phenyl[4-] ether	0.344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Azobenzene	0.0344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Aniline	0.344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Nitroso-di-n-propylamine[N-]	0.344	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	BHC[beta-]	0.00069	mg/kg	UJ
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Aroclor-1232	0.0069	mg/kg	UJ
21-11195	MD21-01-0526	12.0–13.0	Qbt3	BHC[alpha-]	0.00069	mg/kg	UJ
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Heptachlor epoxide	0.00069	mg/kg	UJ
21-11195	MD21-01-0526	12.0–13.0	Qbt3	BHC[delta-]	0.00069	mg/kg	UJ
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Chlordane[gamma-]	0.00069	mg/kg	UJ
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Endrin	0.0014	mg/kg	UJ
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Endrin aldehyde	0.0014	mg/kg	UJ
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Heptachlor	0.00069	mg/kg	UJ
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Aroclor-1260	0.0069	mg/kg	UJ
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Aldrin	0.00069	mg/kg	UJ
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Aroclor-1016	0.0069	mg/kg	UJ
21-11195	MD21-01-0526	12.0–13.0	Qbt3	DDT[4,4'-]	0.0014	mg/kg	UJ
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Chlordane[alpha-]	0.00069	mg/kg	UJ
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Dieldrin	0.0014	mg/kg	UJ
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Tritium	849.8654	pCi/g	None
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Endosulfan II	0.0014	mg/kg	UJ
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Toxaphene (technical grade)	0.0344	mg/kg	UJ
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Aroclor-1242	0.0069	mg/kg	UJ
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Uranium-238	0.555	pCi/g	None
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Endosulfan I	0.00069	mg/kg	UJ
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Uranium-234	0.555	pCi/g	None
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Aroclor-1221	0.0069	mg/kg	UJ
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Gross beta	46.3	pCi/g	None
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Endrin ketone	0.0014	mg/kg	UJ
21-11195	MD21-01-0526	12.0–13.0	Qbt3	BHC[gamma-]	0.00069	mg/kg	UJ
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Uranium-235	0	pCi/g	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Methoxychlor[4,4'-]	0.0069	mg/kg	UJ
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Endosulfan sulfate	0.0014	mg/kg	UJ
21-11195	MD21-01-0526	12.0–13.0	Qbt3	DDE[4,4'-]	0.0014	mg/kg	UJ
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Aroclor-1254	0.0069	mg/kg	UJ
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Strontium-90	0.0116	pCi/g	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	DDD[4,4'-]	0.0014	mg/kg	UJ
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Aroclor-1248	0.0069	mg/kg	UJ
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Gross alpha/beta	14.5	pCi/g	None
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Thorium-232	0.924	pCi/g	None
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Thorium-228	1.38	pCi/g	None
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Thorium-230	1.04	pCi/g	None
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Aluminum	0.474	mg/kg	None
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Arsenic	0.00185	mg/kg	None
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Barium	0.00548	mg/kg	None

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Calcium	0.697	mg/kg	None
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Cadmium	0.005	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Cobalt	0.000201	mg/kg	J
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Chromium	0.00283	mg/kg	None
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Copper	0.000588	mg/kg	None
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Iron	3.98	mg/kg	None
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Potassium	0.196	mg/kg	None
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Magnesium	0.202	mg/kg	None
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Manganese	0.219	mg/kg	None
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Sodium	0.131	mg/kg	None
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Lead	0.00477	mg/kg	None
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Selenium	0.000504	mg/kg	None
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Vanadium	0.00155	mg/kg	None
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Zinc	0.0204	mg/kg	None
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Mercury	0.002	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Silver	0.001	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Beryllium	0.000095	mg/kg	None
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Nickel	0.00118	mg/kg	None
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Antimony	0.002	mg/kg	UJ
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Thallium	0.005	mg/kg	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Cobalt-60	0.00731	pCi/g	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Cesium-134	0.0045	pCi/g	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Cesium-137	0.0419	pCi/g	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Europium-152	-0.0327	pCi/g	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Sodium-22	-0.0187	pCi/g	U
21-11195	MD21-01-0526	12.0–13.0	Qbt3	Ruthenium-106	-0.0197	pCi/g	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Nitrophenol[2-]	0.345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Naphthalene	0.0345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Methylnaphthalene[2-]	0.0345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Chloronaphthalene[2-]	0.0345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Dichlorobenzidine[3,3'-]	0.345	mg/kg	UJ
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Methylphenol[2-]	0.345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Dichlorobenzene[1,2-]	0.345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Chlorophenol[2-]	0.345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Trichlorophenol[2,4,5-]	0.345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Nitroaniline[3-]	0.345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Perchlorate	0.312	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Silver	0.0769	mg/kg	J
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Beryllium	0.595	mg/kg	None
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Nickel	4.04	mg/kg	J
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Antimony	0.0941	mg/kg	J-
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Thallium	0.099	mg/kg	J
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Mercury	0.703	mg/kg	None
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Aluminum	7770	mg/kg	None
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Arsenic	2.93	mg/kg	None
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Barium	61.2	mg/kg	None
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Calcium	2240	mg/kg	None
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Chromium	7.61	mg/kg	None
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Copper	6.59	mg/kg	None
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Iron	9140	mg/kg	None
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Potassium	1380	mg/kg	J

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Magnesium	1550	mg/kg	None
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Manganese	388	mg/kg	None
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Lead	22.8	mg/kg	None
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Selenium	0.573	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Zinc	53	mg/kg	None
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Cadmium	0.368	mg/kg	J
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Cobalt	2.69	mg/kg	None
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Sodium	126	mg/kg	None
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Vanadium	12.5	mg/kg	None
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Americium-241	0.0471	pCi/g	None
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Plutonium-238	0.0217	pCi/g	None
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Plutonium-239	0.586	pCi/g	None
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Aroclor-1260	0.0034	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Aroclor-1254	0.0034	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Aroclor-1221	0.0034	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Aroclor-1232	0.0034	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Aroclor-1248	0.0034	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Aroclor-1016	0.0034	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Aroclor-1242	0.0034	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Nitroaniline[4-]	0.345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Nitrophenol[4-]	0.345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Benzyl alcohol	0.345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Bromophenyl-phenylether[4-]	0.345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Azobenzene	0.0345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Dimethylphenol[2,4-]	0.345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Methylphenol[4-]	0.345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Dichlorobenzene[1,4-]	0.345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Chloroaniline[4-]	0.345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Phenol	0.345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Pyridine	0.345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Bis(2-chloroethyl)ether	0.345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Bis(2-chloroethoxy)methane	0.345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Bis(2-ethylhexyl)phthalate	0.345	mg/kg	UJ
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Di-n-octylphthalate	0.345	mg/kg	UJ
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Hexachlorobenzene	0.345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Anthracene	0.0345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Trichlorobenzene[1,2,4-]	0.345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Dichlorophenol[2,4-]	0.345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Dinitrotoluene[2,4-]	0.345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Nitrosodiphenylamine[N-]	0.345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Pyrene	0.0345	mg/kg	UJ
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Dimethyl phthalate	0.345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Dibenzofuran	0.345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Benzo(g,h,i)perylene	0.0345	mg/kg	UJ
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Indeno(1,2,3-cd)pyrene	0.0345	mg/kg	UJ
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Benzo(b)fluoranthene	0.0345	mg/kg	UJ
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Fluoranthene	0.0345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Benzo(k)fluoranthene	0.0345	mg/kg	UJ
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Acenaphthylene	0.0345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Chrysene	0.0345	mg/kg	UJ

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Benzo(a)pyrene	0.0345	mg/kg	UJ
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Dinitrophenol[2,4-]	0.69	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Dibenz(a,h)anthracene	0.0345	mg/kg	UJ
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Dinitro-2-methylphenol[4,6-]	0.345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Dichlorobenzene[1,3-]	0.345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Benzo(a)anthracene	0.0345	mg/kg	UJ
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Chloro-3-methylphenol[4-]	0.345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Dinitrotoluene[2,6-]	0.345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Aniline	0.345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Nitrosodimethylamine[N-]	0.345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Nitroso-di-n-propylamine[N-]	0.345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Benzoic acid	0.69	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Hexachloroethane	0.345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Chlorophenyl-phenyl[4-] ether	0.345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Hexachlorocyclopentadiene	0.345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Isophorone	0.345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Acenaphthene	0.0345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Diethylphthalate	0.345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Di-n-butylphthalate	0.345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Phenanthrene	0.0345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Butylbenzylphthalate	0.345	mg/kg	UJ
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Fluorene	0.0345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Hexachlorobutadiene	0.345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Pentachlorophenol	0.345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Trichlorophenol[2,4,6-]	0.345	mg/kg	U
21-02-21260	MD21-02-49583	0.0–0.5	ALLH	Nitroaniline[2-]	0.345	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Americium-241	0.0616	pCi/g	None
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Plutonium-238	0.0198	pCi/g	None
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Plutonium-239	1.9	pCi/g	None
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Aroclor-1260	0.4	mg/kg	None
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Aroclor-1254	0.906	mg/kg	None
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Aroclor-1221	0.0685	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Aroclor-1232	0.0685	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Aroclor-1248	0.0685	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Aroclor-1016	0.0685	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Aroclor-1242	0.0685	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Nitroaniline[4-]	0.342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Nitrophenol[4-]	0.342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Benzyl alcohol	0.342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Bromophenyl-phenylether[4-]	0.342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Azobenzene	0.0342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Dimethylphenol[2,4-]	0.342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Methylphenol[4-]	0.342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Dichlorobenzene[1,4-]	0.342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Chloroaniline[4-]	0.342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Phenol	0.342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Pyridine	0.342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Bis(2-chloroethyl)ether	0.342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Bis(2-chloroethoxy)methane	0.342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Bis(2-ethylhexyl)phthalate	0.342	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Di-n-octylphthalate	0.342	mg/kg	UJ
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Hexachlorobenzene	0.342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Anthracene	0.0342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Trichlorobenzene[1,2,4-]	0.342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Dichlorophenol[2,4-]	0.342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Dinitrotoluene[2,4-]	0.342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Nitrosodiphenylamine[N-]	0.342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Pyrene	0.0345	mg/kg	None
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Dimethyl phthalate	0.342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Dibenzofuran	0.342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Benzo(g,h,i)perylene	0.0342	mg/kg	UJ
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Indeno(1,2,3-cd)pyrene	0.0342	mg/kg	UJ
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Benzo(b)fluoranthene	0.0342	mg/kg	UJ
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Fluoranthene	0.0244	mg/kg	J
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Benzo(k)fluoranthene	0.0342	mg/kg	UJ
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Acenaphthylene	0.0342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Chrysene	0.0342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Benzo(a)pyrene	0.0342	mg/kg	UJ
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Dinitrophenol[2,4-]	0.685	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Dibenz(a,h)anthracene	0.0342	mg/kg	UJ
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Dinitro-2-methylphenol[4,6-]	0.342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Dichlorobenzene[1,3-]	0.342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Benzo(a)anthracene	0.0342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Chloro-3-methylphenol[4-]	0.342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Dinitrotoluene[2,6-]	0.342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Aniline	0.342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Nitrosodimethylamine[N-]	0.342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Nitroso-di-n-propylamine[N-]	0.342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Benzoic acid	0.685	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Hexachloroethane	0.342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Chlorophenyl-phenyl[4-] ether	0.342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Hexachlorocyclopentadiene	0.342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Isophorone	0.342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Acenaphthene	0.0342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Diethylphthalate	0.342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Di-n-butylphthalate	0.0408	mg/kg	J
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Phenanthrene	0.0342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Butylbenzylphthalate	0.342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Fluorene	0.0342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Hexachlorobutadiene	0.342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Pentachlorophenol	0.342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Trichlorophenol[2,4,6-]	0.342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Nitroaniline[2-]	0.342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Nitrophenol[2-]	0.342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Naphthalene	0.0342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Methylnaphthalene[2-]	0.0342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Chloronaphthalene[2-]	0.0342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Dichlorobenzidine[3,3'-]	0.342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Methylphenol[2-]	0.342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Dichlorobenzene[1,2-]	0.342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Chlorophenol[2-]	0.342	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Trichlorophenol[2,4,5-]	0.342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Nitroaniline[3-]	0.342	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Perchlorate	0.123	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Silver	0.386	mg/kg	None
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Beryllium	0.691	mg/kg	None
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Nickel	5.43	mg/kg	None
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Antimony	0.14	mg/kg	J-
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Thallium	0.132	mg/kg	None
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Mercury	10.9	mg/kg	None
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Aluminum	8880	mg/kg	None
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Arsenic	8.13	mg/kg	None
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Barium	288	mg/kg	None
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Calcium	2740	mg/kg	None
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Chromium	44.7	mg/kg	None
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Copper	21.2	mg/kg	None
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Iron	9430	mg/kg	None
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Potassium	1400	mg/kg	None
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Magnesium	1540	mg/kg	None
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Manganese	328	mg/kg	None
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Lead	115	mg/kg	None
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Selenium	0.717	mg/kg	U
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Zinc	267	mg/kg	None
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Cadmium	0.881	mg/kg	None
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Cobalt	3.35	mg/kg	None
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Sodium	82.1	mg/kg	None
21-02-21261	MD21-02-49585	0.0–0.5	ALLH	Vanadium	29.7	mg/kg	None
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Americium-241	0.0566	pCi/g	None
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Plutonium-238	0.0135	pCi/g	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Plutonium-239	1.42	pCi/g	None
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Aroclor-1260	0.176	mg/kg	None
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Aroclor-1254	0.371	mg/kg	None
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Aroclor-1221	0.0339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Aroclor-1232	0.0339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Aroclor-1248	0.0339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Aroclor-1016	0.0339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Aroclor-1242	0.0339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Nitroaniline[4-]	0.339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Nitrophenol[4-]	0.339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Benzyl alcohol	0.339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Bromophenyl-phenylether[4-]	0.339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Azobenzene	0.0339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Dimethylphenol[2,4-]	0.339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Methylphenol[4-]	0.339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Dichlorobenzene[1,4-]	0.339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Chloroaniline[4-]	0.339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Phenol	0.339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Pyridine	0.339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Bis(2-chloroethyl)ether	0.339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Bis(2-chloroethoxy)methane	0.339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Bis(2-ethylhexyl)phthalate	0.339	mg/kg	UJ

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Di-n-octylphthalate	0.339	mg/kg	UJ
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Hexachlorobenzene	0.339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Anthracene	0.0339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Trichlorobenzene[1,2,4-]	0.339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Dichlorophenol[2,4-]	0.339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Dinitrotoluene[2,4-]	0.339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Nitrosodiphenylamine[N-]	0.339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Pyrene	0.0339	mg/kg	UJ
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Dimethyl phthalate	0.339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Dibenzofuran	0.339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Benzo(g,h,i)perylene	0.0339	mg/kg	UJ
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Indeno(1,2,3-cd)pyrene	0.0339	mg/kg	UJ
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Benzo(b)fluoranthene	0.0339	mg/kg	UJ
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Fluoranthene	0.0339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Benzo(k)fluoranthene	0.0339	mg/kg	UJ
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Acenaphthylene	0.0339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Chrysene	0.0339	mg/kg	UJ
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Benzo(a)pyrene	0.0339	mg/kg	UJ
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Dinitrophenol[2,4-]	0.678	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Dibenz(a,h)anthracene	0.0339	mg/kg	UJ
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Dinitro-2-methylphenol[4,6-]	0.339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Dichlorobenzene[1,3-]	0.339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Benzo(a)anthracene	0.0339	mg/kg	UJ
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Chloro-3-methylphenol[4-]	0.339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Dinitrotoluene[2,6-]	0.339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Aniline	0.339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Nitrosodimethylamine[N-]	0.339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Nitroso-di-n-propylamine[N-]	0.339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Benzoic acid	0.678	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Hexachloroethane	0.339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Chlorophenyl-phenyl[4-] ether	0.339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Hexachlorocyclopentadiene	0.339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Isophorone	0.339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Acenaphthene	0.0339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Diethylphthalate	0.339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Di-n-butylphthalate	0.339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Phenanthrene	0.0339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Butylbenzylphthalate	0.339	mg/kg	UJ
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Fluorene	0.0339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Hexachlorobutadiene	0.339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Pentachlorophenol	0.339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Trichlorophenol[2,4,6-]	0.339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Nitroaniline[2-]	0.339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Nitrophenol[2-]	0.339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Naphthalene	0.0339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Methylnaphthalene[2-]	0.0339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Chloronaphthalene[2-]	0.0339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Dichlorobenzidine[3,3'-]	0.339	mg/kg	UJ
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Methylphenol[2-]	0.339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Dichlorobenzene[1,2-]	0.339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Chlorophenol[2-]	0.339	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Trichlorophenol[2,4,5-]	0.339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Nitroaniline[3-]	0.339	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Perchlorate	0.122	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Silver	0.188	mg/kg	J
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Beryllium	0.518	mg/kg	None
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Nickel	3.78	mg/kg	None
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Antimony	0.111	mg/kg	J-
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Thallium	0.0907	mg/kg	J
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Mercury	6.17	mg/kg	None
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Aluminum	6330	mg/kg	None
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Arsenic	4.13	mg/kg	None
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Barium	119	mg/kg	None
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Calcium	1790	mg/kg	None
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Chromium	18.7	mg/kg	None
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Copper	11	mg/kg	None
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Iron	6940	mg/kg	None
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Potassium	961	mg/kg	None
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Magnesium	1120	mg/kg	None
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Manganese	271	mg/kg	None
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Lead	46.8	mg/kg	None
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Selenium	0.541	mg/kg	U
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Zinc	114	mg/kg	None
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Cadmium	0.748	mg/kg	None
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Cobalt	3.23	mg/kg	None
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Sodium	103	mg/kg	None
21-02-21261	MD21-02-49586	0.5–0.67	ALLH	Vanadium	27.4	mg/kg	None
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Americium-241	0.0282	pCi/g	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Plutonium-238	0.0032	pCi/g	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Plutonium-239	0.112	pCi/g	None
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Aroclor-1260	0.0035	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Aroclor-1254	0.0035	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Aroclor-1221	0.0035	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Aroclor-1232	0.0035	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Aroclor-1248	0.0035	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Aroclor-1016	0.0035	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Aroclor-1242	0.0035	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Nitroaniline[4-]	0.349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Nitrophenol[4-]	0.349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Benzyl alcohol	0.349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Bromophenyl-phenylether[4-]	0.349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Azobenzene	0.0349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Dimethylphenol[2,4-]	0.349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Methylphenol[4-]	0.349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Dichlorobenzene[1,4-]	0.349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Chloroaniline[4-]	0.349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Phenol	0.349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Pyridine	0.349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Bis(2-chloroethyl)ether	0.349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Bis(2-chloroethoxy)methane	0.349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Bis(2-ethylhexyl)phthalate	0.349	mg/kg	UJ

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Di-n-octylphthalate	0.349	mg/kg	UJ
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Hexachlorobenzene	0.349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Anthracene	0.0349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Trichlorobenzene[1,2,4-]	0.349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Dichlorophenol[2,4-]	0.349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Dinitrotoluene[2,4-]	0.349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Nitrosodiphenylamine[N-]	0.349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Pyrene	0.0349	mg/kg	UJ
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Dimethyl phthalate	0.349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Dibenzofuran	0.349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Benzo(g,h,i)perylene	0.0349	mg/kg	UJ
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Indeno(1,2,3-cd)pyrene	0.0349	mg/kg	UJ
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Benzo(b)fluoranthene	0.0349	mg/kg	UJ
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Fluoranthene	0.0349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Benzo(k)fluoranthene	0.0349	mg/kg	UJ
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Acenaphthylene	0.0349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Chrysene	0.0349	mg/kg	UJ
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Benzo(a)pyrene	0.0349	mg/kg	UJ
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Dinitrophenol[2,4-]	0.698	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Dibenz(a,h)anthracene	0.0349	mg/kg	UJ
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Dinitro-2-methylphenol[4,6-]	0.349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Dichlorobenzene[1,3-]	0.349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Benzo(a)anthracene	0.0349	mg/kg	UJ
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Chloro-3-methylphenol[4-]	0.349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Dinitrotoluene[2,6-]	0.349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Aniline	0.349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Nitrosodimethylamine[N-]	0.349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Nitroso-di-n-propylamine[N-]	0.349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Benzoic acid	0.698	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Hexachloroethane	0.349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Chlorophenyl-phenyl[4-] ether	0.349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Hexachlorocyclopentadiene	0.349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Isophorone	0.349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Acenaphthene	0.0349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Diethylphthalate	0.349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Di-n-butylphthalate	0.349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Phenanthrene	0.0349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Butylbenzylphthalate	0.349	mg/kg	UJ
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Fluorene	0.0349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Hexachlorobutadiene	0.349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Pentachlorophenol	0.349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Trichlorophenol[2,4,6-]	0.349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Nitroaniline[2-]	0.349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Nitrophenol[2-]	0.349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Naphthalene	0.0349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Methylnaphthalene[2-]	0.0349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Chloronaphthalene[2-]	0.0349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Dichlorobenzidine[3,3'-]	0.349	mg/kg	UJ
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Methylphenol[2-]	0.349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Dichlorobenzene[1,2-]	0.349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Chlorophenol[2-]	0.349	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Trichlorophenol[2,4,5-]	0.349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Nitroaniline[3-]	0.349	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Perchlorate	0.125	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Silver	0.0466	mg/kg	J
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Beryllium	0.542	mg/kg	None
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Nickel	2	mg/kg	None
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Antimony	0.414	mg/kg	UJ
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Thallium	0.0507	mg/kg	J
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Mercury	0.0111	mg/kg	None
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Aluminum	4650	mg/kg	None
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Arsenic	1.79	mg/kg	None
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Barium	31.7	mg/kg	None
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Calcium	775	mg/kg	None
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Chromium	3.21	mg/kg	None
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Copper	2.76	mg/kg	None
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Iron	5890	mg/kg	None
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Potassium	579	mg/kg	None
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Magnesium	715	mg/kg	None
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Manganese	213	mg/kg	None
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Lead	8.14	mg/kg	None
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Selenium	0.488	mg/kg	U
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Zinc	24	mg/kg	None
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Cadmium	0.144	mg/kg	J
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Cobalt	1.16	mg/kg	None
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Sodium	98.8	mg/kg	None
21-02-21262	MD21-02-49587	0.0–0.5	ALLH	Vanadium	6.15	mg/kg	None
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Americium-241	0.0169	pCi/g	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Plutonium-238	0.0135	pCi/g	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Plutonium-239	0.229	pCi/g	None
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Aroclor-1260	0.0128	mg/kg	None
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Aroclor-1254	0.0214	mg/kg	None
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Aroclor-1221	0.0036	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Aroclor-1232	0.0036	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Aroclor-1248	0.0036	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Aroclor-1016	0.0036	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Aroclor-1242	0.0036	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Nitroaniline[4-]	0.361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Nitrophenol[4-]	0.361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Benzyl alcohol	0.361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Bromophenyl-phenylether[4-]	0.361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Azobenzene	0.0361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Dimethylphenol[2,4-]	0.361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Methylphenol[4-]	0.361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Dichlorobenzene[1,4-]	0.361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Chloroaniline[4-]	0.361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Phenol	0.361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Pyridine	0.361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Bis(2-chloroethyl)ether	0.361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Bis(2-chloroethoxy)methane	0.361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Bis(2-ethylhexyl)phthalate	0.361	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Di-n-octylphthalate	0.361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Hexachlorobenzene	0.361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Anthracene	0.0361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Trichlorobenzene[1,2,4-]	0.361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Dichlorophenol[2,4-]	0.361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Dinitrotoluene[2,4-]	0.361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Nitrosodiphenylamine[N-]	0.361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Pyrene	0.0361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Dimethyl phthalate	0.361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Dibenzofuran	0.361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Benzo(g,h,i)perylene	0.0361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Indeno(1,2,3-cd)pyrene	0.0361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Benzo(b)fluoranthene	0.0361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Fluoranthene	0.0361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Benzo(k)fluoranthene	0.0361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Acenaphthylene	0.0361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Chrysene	0.0361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Benzo(a)pyrene	0.0361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Dinitrophenol[2,4-]	0.722	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Dibenz(a,h)anthracene	0.0361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Dinitro-2-methylphenol[4,6-]	0.361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Dichlorobenzene[1,3-]	0.361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Benzo(a)anthracene	0.0361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Chloro-3-methylphenol[4-]	0.361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Dinitrotoluene[2,6-]	0.361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Aniline	0.361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Nitrosodimethylamine[N-]	0.361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Nitroso-di-n-propylamine[N-]	0.361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Benzoic acid	0.722	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Hexachloroethane	0.361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Chlorophenyl-phenyl[4-] ether	0.361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Hexachlorocyclopentadiene	0.361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Isophorone	0.361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Acenaphthene	0.0361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Diethylphthalate	0.361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Di-n-butylphthalate	0.361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Phenanthrene	0.0361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Butylbenzylphthalate	0.361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Fluorene	0.0361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Hexachlorobutadiene	0.361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Pentachlorophenol	0.361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Trichlorophenol[2,4,6-]	0.361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Nitroaniline[2-]	0.361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Nitrophenol[2-]	0.361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Naphthalene	0.0361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Methylnaphthalene[2-]	0.0361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Chloronaphthalene[2-]	0.0361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Dichlorobenzidine[3,3'-]	0.361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Methylphenol[2-]	0.361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Dichlorobenzene[1,2-]	0.361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Chlorophenol[2-]	0.361	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Trichlorophenol[2,4,5-]	0.361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Nitroaniline[3-]	0.361	mg/kg	U
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Perchlorate	0.0532	mg/kg	J
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Silver	0.0819	mg/kg	J
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Beryllium	0.78	mg/kg	None
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Nickel	6.55	mg/kg	None
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Antimony	0.0624	mg/kg	J-
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Thallium	0.158	mg/kg	None
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Mercury	0.172	mg/kg	None
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Aluminum	9780	mg/kg	None
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Arsenic	3.05	mg/kg	None
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Barium	91.8	mg/kg	None
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Calcium	2530	mg/kg	None
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Chromium	8.08	mg/kg	None
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Copper	6.14	mg/kg	None
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Iron	9450	mg/kg	None
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Potassium	1460	mg/kg	None
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Magnesium	1750	mg/kg	None
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Manganese	347	mg/kg	None
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Lead	17	mg/kg	None
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Selenium	1.06	mg/kg	None
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Zinc	38.6	mg/kg	None
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Cadmium	0.373	mg/kg	J
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Cobalt	4.13	mg/kg	None
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Sodium	85.4	mg/kg	None
21-02-21263	MD21-02-49589	0.0–0.5	ALLH	Vanadium	18.5	mg/kg	None
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Americium-241	0.0577	pCi/g	None
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Plutonium-238	0.023	pCi/g	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Plutonium-239	2.94	pCi/g	None
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Aroclor-1260	0.365	mg/kg	None
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Aroclor-1254	0.85	mg/kg	None
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Aroclor-1221	0.069	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Aroclor-1232	0.069	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Aroclor-1248	0.069	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Aroclor-1016	0.069	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Aroclor-1242	0.069	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Nitroaniline[4-]	0.345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Nitrophenol[4-]	0.345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Benzyl alcohol	0.345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Bromophenyl-phenylether[4-]	0.345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Azobenzene	0.0345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Dimethylphenol[2,4-]	0.345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Methylphenol[4-]	0.345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Dichlorobenzene[1,4-]	0.345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Chloroaniline[4-]	0.345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Phenol	0.345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Pyridine	0.345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Bis(2-chloroethyl)ether	0.345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Bis(2-chloroethoxy)methane	0.345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Bis(2-ethylhexyl)phthalate	0.345	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Di-n-octylphthalate	0.345	mg/kg	UJ
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Hexachlorobenzene	0.345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Anthracene	0.0345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Trichlorobenzene[1,2,4-]	0.345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Dichlorophenol[2,4-]	0.345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Dinitrotoluene[2,4-]	0.345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Nitrosodiphenylamine[N-]	0.345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Pyrene	0.0655	mg/kg	None
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Dimethyl phthalate	0.345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Dibenzofuran	0.345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Benzo(g,h,i)perylene	0.0345	mg/kg	UJ
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Indeno(1,2,3-cd)pyrene	0.0345	mg/kg	UJ
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Benzo(b)fluoranthene	0.0345	mg/kg	UJ
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Fluoranthene	0.0534	mg/kg	None
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Benzo(k)fluoranthene	0.0345	mg/kg	UJ
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Acenaphthylene	0.0345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Chrysene	0.0345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Benzo(a)pyrene	0.0345	mg/kg	UJ
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Dinitrophenol[2,4-]	0.69	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Dibenz(a,h)anthracene	0.0345	mg/kg	UJ
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Dinitro-2-methylphenol[4,6-]	0.345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Dichlorobenzene[1,3-]	0.345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Benzo(a)anthracene	0.0345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Chloro-3-methylphenol[4-]	0.345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Dinitrotoluene[2,6-]	0.345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Aniline	0.345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Nitrosodimethylamine[N-]	0.345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Nitroso-di-n-propylamine[N-]	0.345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Benzoic acid	0.69	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Hexachloroethane	0.345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Chlorophenyl-phenyl[4-] ether	0.345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Hexachlorocyclopentadiene	0.345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Isophorone	0.345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Acenaphthene	0.0345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Diethylphthalate	0.345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Di-n-butylphthalate	0.0432	mg/kg	J
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Phenanthrene	0.0409	mg/kg	None
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Butylbenzylphthalate	0.345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Fluorene	0.0345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Hexachlorobutadiene	0.345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Pentachlorophenol	0.345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Trichlorophenol[2,4,6-]	0.345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Nitroaniline[2-]	0.345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Nitrophenol[2-]	0.345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Naphthalene	0.0345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Methylnaphthalene[2-]	0.0345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Chloronaphthalene[2-]	0.0345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Dichlorobenzidine[3,3'-]	0.345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Methylphenol[2-]	0.345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Dichlorobenzene[1,2-]	0.345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Chlorophenol[2-]	0.345	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Trichlorophenol[2,4,5-]	0.345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Nitroaniline[3-]	0.345	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Perchlorate	0.308	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Silver	0.339	mg/kg	None
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Beryllium	0.769	mg/kg	None
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Nickel	6.45	mg/kg	None
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Antimony	0.179	mg/kg	J-
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Thallium	0.137	mg/kg	None
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Mercury	9.93	mg/kg	None
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Aluminum	7670	mg/kg	None
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Arsenic	6.93	mg/kg	None
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Barium	251	mg/kg	None
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Calcium	3250	mg/kg	None
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Chromium	35.5	mg/kg	None
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Copper	18.8	mg/kg	None
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Iron	8270	mg/kg	None
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Potassium	1160	mg/kg	None
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Magnesium	1330	mg/kg	None
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Manganese	265	mg/kg	None
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Lead	93.4	mg/kg	None
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Selenium	0.714	mg/kg	U
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Zinc	226	mg/kg	None
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Cadmium	0.981	mg/kg	None
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Cobalt	3.16	mg/kg	None
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Sodium	114	mg/kg	None
21-02-21264	MD21-02-49591	0.0–0.5	ALLH	Vanadium	37.8	mg/kg	None
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Americium-241	0.00816	pCi/g	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Plutonium-238	-0.00135	pCi/g	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Plutonium-239	0.937	pCi/g	None
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Aroclor-1260	0.0379	mg/kg	None
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Aroclor-1254	0.0672	mg/kg	None
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Aroclor-1221	0.0035	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Aroclor-1232	0.0035	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Aroclor-1248	0.0035	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Aroclor-1016	0.0035	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Aroclor-1242	0.0035	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Nitroaniline[4-]	0.352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Nitrophenol[4-]	0.352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Benzyl alcohol	0.352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Bromophenyl-phenylether[4-]	0.352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Azobenzene	0.0352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Dimethylphenol[2,4-]	0.352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Methylphenol[4-]	0.352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Dichlorobenzene[1,4-]	0.352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Chloroaniline[4-]	0.352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Phenol	0.352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Pyridine	0.352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Bis(2-chloroethyl)ether	0.352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Bis(2-chloroethoxy)methane	0.352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Bis(2-ethylhexyl)phthalate	0.0447	mg/kg	J

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Di-n-octylphthalate	0.352	mg/kg	UJ
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Hexachlorobenzene	0.352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Anthracene	0.0352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Trichlorobenzene[1,2,4-]	0.352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Dichlorophenol[2,4-]	0.352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Dinitrotoluene[2,4-]	0.352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Nitrosodiphenylamine[N-]	0.352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Pyrene	0.0352	mg/kg	UJ
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Dimethyl phthalate	0.352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Dibenzofuran	0.352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Benzo(g,h,i)perylene	0.0352	mg/kg	UJ
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Indeno(1,2,3-cd)pyrene	0.0352	mg/kg	UJ
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Benzo(b)fluoranthene	0.0352	mg/kg	UJ
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Fluoranthene	0.0352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Benzo(k)fluoranthene	0.0352	mg/kg	UJ
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Acenaphthylene	0.0352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Chrysene	0.0352	mg/kg	UJ
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Benzo(a)pyrene	0.0352	mg/kg	UJ
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Dinitrophenol[2,4-]	0.703	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Dibenz(a,h)anthracene	0.0352	mg/kg	UJ
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Dinitro-2-methylphenol[4,6-]	0.352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Dichlorobenzene[1,3-]	0.352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Benzo(a)anthracene	0.0352	mg/kg	UJ
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Chloro-3-methylphenol[4-]	0.352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Dinitrotoluene[2,6-]	0.352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Aniline	0.352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Nitrosodimethylamine[N-]	0.352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Nitroso-di-n-propylamine[N-]	0.352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Benzoic acid	0.703	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Hexachloroethane	0.352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Chlorophenyl-phenyl[4-] ether	0.352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Hexachlorocyclopentadiene	0.352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Isophorone	0.352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Acenaphthene	0.0352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Diethylphthalate	0.352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Di-n-butylphthalate	0.352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Phenanthrene	0.0352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Butylbenzylphthalate	0.352	mg/kg	UJ
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Fluorene	0.0352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Hexachlorobutadiene	0.352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Pentachlorophenol	0.352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Trichlorophenol[2,4,6-]	0.352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Nitroaniline[2-]	0.352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Nitrophenol[2-]	0.352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Naphthalene	0.0352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Methylnaphthalene[2-]	0.0352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Chloronaphthalene[2-]	0.0352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Dichlorobenzidine[3,3'-]	0.352	mg/kg	UJ
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Methylphenol[2-]	0.352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Dichlorobenzene[1,2-]	0.352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Chlorophenol[2-]	0.352	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Trichlorophenol[2,4,5-]	0.352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Nitroaniline[3-]	0.352	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Perchlorate	0.125	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Silver	0.069	mg/kg	J
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Beryllium	0.576	mg/kg	None
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Nickel	3.99	mg/kg	None
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Antimony	0.0584	mg/kg	J-
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Thallium	0.0945	mg/kg	J
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Mercury	0.791	mg/kg	None
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Aluminum	7130	mg/kg	None
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Arsenic	4.45	mg/kg	None
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Barium	79.9	mg/kg	None
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Calcium	1820	mg/kg	None
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Chromium	9.55	mg/kg	None
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Copper	5.68	mg/kg	None
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Iron	8440	mg/kg	None
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Potassium	983	mg/kg	None
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Magnesium	1120	mg/kg	None
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Manganese	285	mg/kg	None
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Lead	22.6	mg/kg	None
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Selenium	0.441	mg/kg	U
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Zinc	51.6	mg/kg	None
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Cadmium	0.392	mg/kg	J
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Cobalt	3.46	mg/kg	None
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Sodium	173	mg/kg	None
21-02-21264	MD21-02-49592	0.5–1.0	ALLH	Vanadium	23.6	mg/kg	None
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Vanadium	13.8	mg/kg	None
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Americium-241	0.046	pCi/g	None
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Plutonium-238	0.00925	pCi/g	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Plutonium-239	0.186	pCi/g	None
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Aroclor-1260	0.0118	mg/kg	None
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Aroclor-1254	0.0096	mg/kg	None
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Aroclor-1221	0.0034	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Aroclor-1232	0.0034	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Aroclor-1248	0.0034	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Aroclor-1016	0.0034	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Aroclor-1242	0.0034	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Nitroaniline[4-]	0.338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Nitrophenol[4-]	0.338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Benzyl alcohol	0.338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Bromophenyl-phenylether[4-]	0.338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Azobenzene	0.0338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Dimethylphenol[2,4-]	0.338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Methylphenol[4-]	0.338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Dichlorobenzene[1,4-]	0.338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Chloroaniline[4-]	0.338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Phenol	0.338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Pyridine	0.338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Bis(2-chloroethyl)ether	0.338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Bis(2-chloroethoxy)methane	0.338	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Bis(2-ethylhexyl)phthalate	0.338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Di-n-octylphthalate	0.338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Hexachlorobenzene	0.338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Anthracene	0.0338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Trichlorobenzene[1,2,4-]	0.338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Dichlorophenol[2,4-]	0.338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Dinitrotoluene[2,4-]	0.338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Nitrosodiphenylamine[N-]	0.338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Pyrene	0.0202	mg/kg	J
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Dimethyl phthalate	0.338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Dibenzofuran	0.338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Benzo(g,h,i)perylene	0.0338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Indeno(1,2,3-cd)pyrene	0.0338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Benzo(b)fluoranthene	0.0338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Fluoranthene	0.0171	mg/kg	J
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Benzo(k)fluoranthene	0.0338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Acenaphthylene	0.0338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Chrysene	0.0338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Benzo(a)pyrene	0.0338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Dinitrophenol[2,4-]	0.677	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Dibenz(a,h)anthracene	0.0338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Dinitro-2-methylphenol[4,6-]	0.338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Dichlorobenzene[1,3-]	0.338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Benzo(a)anthracene	0.0338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Chloro-3-methylphenol[4-]	0.338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Dinitrotoluene[2,6-]	0.338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Aniline	0.338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Nitrosodimethylamine[N-]	0.338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Nitroso-di-n-propylamine[N-]	0.338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Benzoic acid	0.677	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Hexachloroethane	0.338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Chlorophenyl-phenyl[4-] ether	0.338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Hexachlorocyclopentadiene	0.338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Isophorone	0.338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Acenaphthene	0.0338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Diethylphthalate	0.338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Di-n-butylphthalate	0.338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Phenanthrene	0.0338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Butylbenzylphthalate	0.338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Fluorene	0.0338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Hexachlorobutadiene	0.338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Pentachlorophenol	0.338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Trichlorophenol[2,4,6-]	0.338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Nitroaniline[2-]	0.338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Nitrophenol[2-]	0.338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Naphthalene	0.0338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Methylnaphthalene[2-]	0.0338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Chloronaphthalene[2-]	0.0338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Dichlorobenzidine[3,3'-]	0.338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Methylphenol[2-]	0.338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Dichlorobenzene[1,2-]	0.338	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Chlorophenol[2-]	0.338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Trichlorophenol[2,4,5-]	0.338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Nitroaniline[3-]	0.338	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Perchlorate	0.122	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Silver	0.0615	mg/kg	J
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Beryllium	0.645	mg/kg	None
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Nickel	5	mg/kg	None
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Antimony	0.402	mg/kg	UJ
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Thallium	0.117	mg/kg	None
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Mercury	0.203	mg/kg	None
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Aluminum	9120	mg/kg	None
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Arsenic	2.75	mg/kg	None
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Barium	79.9	mg/kg	None
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Calcium	1640	mg/kg	None
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Chromium	7.99	mg/kg	None
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Copper	6.68	mg/kg	None
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Iron	9860	mg/kg	None
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Potassium	1450	mg/kg	None
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Magnesium	1510	mg/kg	None
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Manganese	386	mg/kg	None
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Lead	16.7	mg/kg	None
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Selenium	0.695	mg/kg	U
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Zinc	38.5	mg/kg	None
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Cadmium	0.459	mg/kg	J
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Cobalt	3.4	mg/kg	None
21-02-21265	MD21-02-49593	0.0–0.5	ALLH	Sodium	108	mg/kg	None
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Americium-241	0.0429	pCi/g	None
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Plutonium-238	0.0138	pCi/g	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Plutonium-239	1.04	pCi/g	None
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Aroclor-1260	0.0039	mg/kg	None
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Aroclor-1254	0.0038	mg/kg	None
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Aroclor-1221	0.0034	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Aroclor-1232	0.0034	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Aroclor-1248	0.0034	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Aroclor-1016	0.0034	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Aroclor-1242	0.0034	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Nitroaniline[4-]	0.342	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Nitrophenol[4-]	0.342	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Benzyl alcohol	0.342	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Bromophenyl-phenylether[4-]	0.342	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Azobenzene	0.0342	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Dimethylphenol[2,4-]	0.342	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Methylphenol[4-]	0.342	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Dichlorobenzene[1,4-]	0.342	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Chloroaniline[4-]	0.342	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Diethylphthalate	0.342	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Di-n-butylphthalate	0.163	mg/kg	J
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Phenanthrene	0.0342	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Butylbenzylphthalate	0.342	mg/kg	UJ
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Fluorene	0.0342	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Hexachlorobutadiene	0.342	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Pentachlorophenol	0.342	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Trichlorophenol[2,4,6-]	0.342	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Nitroaniline[2-]	0.342	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Nitrophenol[2-]	0.342	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Naphthalene	0.0342	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Methylnaphthalene[2-]	0.0342	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Chloronaphthalene[2-]	0.0342	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Dichlorobenzidine[3,3'-]	0.342	mg/kg	UJ
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Methylphenol[2-]	0.342	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Dichlorobenzene[1,2-]	0.342	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Chlorophenol[2-]	0.342	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Trichlorophenol[2,4,5-]	0.342	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Nitroaniline[3-]	0.342	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Perchlorate	0.123	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Silver	0.0903	mg/kg	J
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Beryllium	0.693	mg/kg	None
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Nickel	5.58	mg/kg	None
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Antimony	0.132	mg/kg	J-
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Thallium	0.133	mg/kg	None
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Mercury	1.76	mg/kg	None
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Aluminum	8180	mg/kg	None
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Arsenic	2.86	mg/kg	None
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Barium	72.3	mg/kg	None
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Calcium	1410	mg/kg	None
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Chromium	10.1	mg/kg	None
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Copper	6.67	mg/kg	None
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Iron	9580	mg/kg	None
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Potassium	1180	mg/kg	None
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Magnesium	1320	mg/kg	None
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Manganese	329	mg/kg	None
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Lead	27.4	mg/kg	None
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Selenium	0.44	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Zinc	47.8	mg/kg	None
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Cadmium	0.608	mg/kg	None
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Cobalt	3.48	mg/kg	None
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Sodium	84.4	mg/kg	None
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Vanadium	15.9	mg/kg	None
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.342	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Phenol	0.342	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Pyridine	0.342	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Bis(2-chloroethyl)ether	0.342	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Bis(2-chloroethoxy)methane	0.342	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Bis(2-ethylhexyl)phthalate	0.342	mg/kg	UJ
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Di-n-octylphthalate	0.342	mg/kg	UJ
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Hexachlorobenzene	0.342	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Anthracene	0.0342	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Trichlorobenzene[1,2,4-]	0.342	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Dichlorophenol[2,4-]	0.342	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Dinitrotoluene[2,4-]	0.342	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Nitrosodiphenylamine[N-]	0.342	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Pyrene	0.0281	mg/kg	J

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Dimethyl phthalate	0.342	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Dibenzofuran	0.342	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Benzo(g,h,i)perylene	0.0342	mg/kg	UJ
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Indeno(1,2,3-cd)pyrene	0.0342	mg/kg	UJ
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Benzo(b)fluoranthene	0.0342	mg/kg	UJ
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Fluoranthene	0.0205	mg/kg	J
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Benzo(k)fluoranthene	0.0342	mg/kg	UJ
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Acenaphthylene	0.0342	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Chrysene	0.0342	mg/kg	UJ
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Benzo(a)pyrene	0.0342	mg/kg	UJ
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Dinitrophenol[2,4-]	0.684	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Dibenz(a,h)anthracene	0.0342	mg/kg	UJ
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Dinitro-2-methylphenol[4,6-]	0.342	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Dichlorobenzene[1,3-]	0.342	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Benzo(a)anthracene	0.0342	mg/kg	UJ
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Chloro-3-methylphenol[4-]	0.342	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Dinitrotoluene[2,6-]	0.342	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Aniline	0.342	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Nitrosodimethylamine[N-]	0.342	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Nitroso-di-n-propylamine[N-]	0.342	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Benzoic acid	0.684	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Hexachloroethane	0.342	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Chlorophenyl-phenyl[4-] ether	0.342	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Hexachlorocyclopentadiene	0.342	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Isophorone	0.342	mg/kg	U
21-02-21266	MD21-02-49595	0.0–0.5	ALLH	Acenaphthene	0.0342	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Americium-241	0.0492	pCi/g	
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Plutonium-238	0.0179	pCi/g	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Plutonium-239	0.3	pCi/g	None
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Aroclor-1260	0.0794	mg/kg	None
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Aroclor-1254	0.18	mg/kg	None
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Aroclor-1221	0.0174	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Aroclor-1232	0.0174	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Aroclor-1248	0.0174	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Aroclor-1016	0.0174	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Aroclor-1242	0.0174	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Nitroaniline[4-]	0.348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Nitrophenol[4-]	0.348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Benzyl alcohol	0.348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Bromophenyl-phenylether[4-]	0.348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Azobenzene	0.0348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Dimethylphenol[2,4-]	0.348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Methylphenol[4-]	0.348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Dichlorobenzene[1,4-]	0.348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Chloroaniline[4-]	0.348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Phenol	0.348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Pyridine	0.348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Bis(2-chloroethyl)ether	0.156	mg/kg	J
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Bis(2-chloroethoxy)methane	0.348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Bis(2-ethylhexyl)phthalate	0.348	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Di-n-octylphthalate	0.348	mg/kg	UJ
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Hexachlorobenzene	0.348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Anthracene	0.0348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Trichlorobenzene[1,2,4-]	0.348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Dichlorophenol[2,4-]	0.348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Dinitrotoluene[2,4-]	0.348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Nitrosodiphenylamine[N-]	0.348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Pyrene	0.0232	mg/kg	J
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Dimethyl phthalate	0.348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Dibenzofuran	0.348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Benzo(g,h,i)perylene	0.0348	mg/kg	UJ
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Indeno(1,2,3-cd)pyrene	0.0348	mg/kg	UJ
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Benzo(b)fluoranthene	0.0348	mg/kg	UJ
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Fluoranthene	0.0348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Benzo(k)fluoranthene	0.0348	mg/kg	UJ
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Acenaphthylene	0.0348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Chrysene	0.0348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Benzo(a)pyrene	0.0348	mg/kg	UJ
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Dinitrophenol[2,4-]	0.697	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Dibenz(a,h)anthracene	0.0348	mg/kg	UJ
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Dinitro-2-methylphenol[4,6-]	0.348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Dichlorobenzene[1,3-]	0.348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Benzo(a)anthracene	0.0348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Chloro-3-methylphenol[4-]	0.348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Dinitrotoluene[2,6-]	0.348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Aniline	0.348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Nitrosodimethylamine[N-]	0.348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Nitroso-di-n-propylamine[N-]	0.348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Benzoic acid	0.697	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Hexachloroethane	0.348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Chlorophenyl-phenyl[4-] ether	0.348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Hexachlorocyclopentadiene	0.348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Isophorone	0.348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Acenaphthene	0.0348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Diethylphthalate	0.348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Di-n-butylphthalate	0.348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Phenanthrene	0.0348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Butylbenzylphthalate	0.348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Fluorene	0.0348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Hexachlorobutadiene	0.348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Pentachlorophenol	0.348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Trichlorophenol[2,4,6-]	0.348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Nitroaniline[2-]	0.348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Nitrophenol[2-]	0.348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Naphthalene	0.0348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Methylnaphthalene[2-]	0.0348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Chloronaphthalene[2-]	0.0348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Dichlorobenzidine[3,3'-]	0.348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Methylphenol[2-]	0.348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Dichlorobenzene[1,2-]	0.348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Chlorophenol[2-]	0.348	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Trichlorophenol[2,4,5-]	0.348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Nitroaniline[3-]	0.348	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Perchlorate	0.314	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Silver	0.109	mg/kg	J
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Beryllium	0.763	mg/kg	None
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Nickel	4.23	mg/kg	None
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Antimony	0.413	mg/kg	UJ
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Thallium	0.121	mg/kg	None
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Mercury	1.7	mg/kg	None
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Aluminum	6470	mg/kg	None
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Arsenic	2.3	mg/kg	None
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Barium	65	mg/kg	None
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Calcium	2240	mg/kg	None
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Chromium	6.53	mg/kg	None
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Copper	6.31	mg/kg	None
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Iron	7210	mg/kg	None
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Potassium	999	mg/kg	None
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Magnesium	1240	mg/kg	None
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Manganese	277	mg/kg	None
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Lead	16.9	mg/kg	None
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Selenium	0.499	mg/kg	U
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Zinc	50.4	mg/kg	None
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Cadmium	0.478	mg/kg	J
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Cobalt	2.14	mg/kg	None
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Sodium	83.3	mg/kg	None
21-02-21267	MD21-02-49597	0.0–0.5	ALLH	Vanadium	12.7	mg/kg	None
21-02-21267	MD21-02-49598	0.5–1	ALLH	Silver	0.0635	mg/kg	J
21-02-21267	MD21-02-49598	0.5–1	ALLH	Beryllium	0.722	mg/kg	None
21-02-21267	MD21-02-49598	0.5–1	ALLH	Nickel	4.24	mg/kg	None
21-02-21267	MD21-02-49598	0.5–1	ALLH	Antimony	0.417	mg/kg	UJ
21-02-21267	MD21-02-49598	0.5–1	ALLH	Calcium	2010	mg/kg	None
21-02-21267	MD21-02-49598	0.5–1	ALLH	Mercury	0.261	mg/kg	None
21-02-21267	MD21-02-49598	0.5–1	ALLH	Copper	4.49	mg/kg	None
21-02-21267	MD21-02-49598	0.5–1	ALLH	Iron	7900	mg/kg	None
21-02-21267	MD21-02-49598	0.5–1	ALLH	Potassium	1110	mg/kg	None
21-02-21267	MD21-02-49598	0.5–1	ALLH	Magnesium	1350	mg/kg	None
21-02-21267	MD21-02-49598	0.5–1	ALLH	Manganese	267	mg/kg	None
21-02-21267	MD21-02-49598	0.5–1	ALLH	Lead	10.7	mg/kg	None
21-02-21267	MD21-02-49598	0.5–1	ALLH	Selenium	0.403	mg/kg	U
21-02-21267	MD21-02-49598	0.5–1	ALLH	Zinc	33.6	mg/kg	None
21-02-21267	MD21-02-49598	0.5–1	ALLH	Cadmium	0.422	mg/kg	J
21-02-21267	MD21-02-49598	0.5–1	ALLH	Cobalt	2.53	mg/kg	None
21-02-21267	MD21-02-49598	0.5–1	ALLH	Sodium	88.8	mg/kg	None
21-02-21267	MD21-02-49598	0.5–1	ALLH	Perchlorate	0.126	mg/kg	U
21-02-21267	MD21-02-49598	0.5–1	ALLH	Vanadium	14.9	mg/kg	None
21-02-21267	MD21-02-49598	0.5–1	ALLH	Aluminum	7350	mg/kg	None
21-02-21267	MD21-02-49598	0.5–1	ALLH	Arsenic	2.71	mg/kg	None
21-02-21267	MD21-02-49598	0.5–1	ALLH	Barium	58.9	mg/kg	None
21-02-21267	MD21-02-49598	0.5–1	ALLH	Thallium	0.111	mg/kg	None
21-02-21267	MD21-02-49598	0.5–1	ALLH	Chromium	5.9	mg/kg	None
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Americium-241	0.0433	pCi/g	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Plutonium-238	0.0178	pCi/g	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Plutonium-239	1.3	pCi/g	None
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Aroclor-1260	0.267	mg/kg	None
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Aroclor-1254	0.558	mg/kg	None
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Aroclor-1221	0.0682	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Aroclor-1232	0.0682	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Aroclor-1248	0.0682	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Aroclor-1016	0.0682	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Aroclor-1242	0.0682	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Nitroaniline[4-]	0.341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Nitrophenol[4-]	0.341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Benzyl alcohol	0.341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Bromophenyl-phenylether[4-]	0.341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Azobenzene	0.0341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Dimethylphenol[2,4-]	0.341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Methylphenol[4-]	0.341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Dichlorobenzene[1,4-]	0.341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Chloroaniline[4-]	0.341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Phenol	0.341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Pyridine	0.341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Bis(2-chloroethyl)ether	0.341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Bis(2-chloroethoxy)methane	0.341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Bis(2-ethylhexyl)phthalate	0.341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Di-n-octylphthalate	0.341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Hexachlorobenzene	0.341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Anthracene	0.0341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Trichlorobenzene[1,2,4-]	0.341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Dichlorophenol[2,4-]	0.341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Dinitrotoluene[2,4-]	0.341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Nitrosodiphenylamine[N-]	0.341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Pyrene	0.0341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Dimethyl phthalate	0.341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Dibenzofuran	0.341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Benzo(g,h,i)perylene	0.0341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Indeno(1,2,3-cd)pyrene	0.0341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Benzo(b)fluoranthene	0.0341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Fluoranthene	0.0341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Benzo(k)fluoranthene	0.0341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Acenaphthylene	0.0341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Chrysene	0.0341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Benzo(a)pyrene	0.0341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Dinitrophenol[2,4-]	0.682	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Dibenz(a,h)anthracene	0.0341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Dinitro-2-methylphenol[4,6-]	0.341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Dichlorobenzene[1,3-]	0.341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Benzo(a)anthracene	0.0341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Chloro-3-methylphenol[4-]	0.341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Dinitrotoluene[2,6-]	0.341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Aniline	0.341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Nitrosodimethylamine[N-]	0.341	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Nitroso-di-n-propylamine[N-]	0.341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Benzoic acid	0.682	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Hexachloroethane	0.341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Chlorophenyl-phenyl[4-] ether	0.341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Hexachlorocyclopentadiene	0.341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Isophorone	0.341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Acenaphthene	0.0341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Diethylphthalate	0.341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Di-n-butylphthalate	0.341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Phenanthrene	0.0341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Butylbenzylphthalate	0.341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Fluorene	0.0341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Hexachlorobutadiene	0.341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Pentachlorophenol	0.341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Trichlorophenol[2,4,6-]	0.341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Nitroaniline[2-]	0.341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Nitrophenol[2-]	0.341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Naphthalene	0.0341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Methylnaphthalene[2-]	0.0341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Chloronaphthalene[2-]	0.0341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Dichlorobenzidine[3,3'-]	0.341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Methylphenol[2-]	0.341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Dichlorobenzene[1,2-]	0.341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Chlorophenol[2-]	0.341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Trichlorophenol[2,4,5-]	0.341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Nitroaniline[3-]	0.341	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Perchlorate	0.123	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Silver	0.125	mg/kg	J
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Beryllium	0.681	mg/kg	None
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Nickel	4.69	mg/kg	None
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Antimony	0.408	mg/kg	UJ
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Thallium	0.117	mg/kg	None
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Mercury	2.91	mg/kg	None
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Aluminum	8770	mg/kg	None
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Arsenic	3.26	mg/kg	None
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Barium	146	mg/kg	None
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Calcium	2630	mg/kg	None
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Chromium	12.9	mg/kg	None
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Copper	8.42	mg/kg	None
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Iron	9500	mg/kg	None
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Potassium	1410	mg/kg	None
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Magnesium	1670	mg/kg	None
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Manganese	458	mg/kg	None
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Lead	33	mg/kg	None
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Selenium	0.323	mg/kg	U
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Zinc	108	mg/kg	None
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Cadmium	0.683	mg/kg	None
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Cobalt	2.95	mg/kg	None
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Sodium	121	mg/kg	None
21-02-21268	MD21-02-49599	0.0–0.5	ALLH	Vanadium	18.4	mg/kg	None
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Americium-241	0.0826	pCi/g	None

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Plutonium-238	0.0149	pCi/g	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Plutonium-239	2.56	pCi/g	None
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Aroclor-1260	0.667	mg/kg	None
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Aroclor-1254	1.51	mg/kg	None
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Aroclor-1221	0.136	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Aroclor-1232	0.136	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Aroclor-1248	0.136	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Aroclor-1016	0.136	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Aroclor-1242	0.136	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Nitroaniline[4-]	0.341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Nitrophenol[4-]	0.341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Benzyl alcohol	0.341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Bromophenyl-phenylether[4-]	0.341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Azobenzene	0.0341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Dimethylphenol[2,4-]	0.341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Methylphenol[4-]	0.341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Dichlorobenzene[1,4-]	0.341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Chloroaniline[4-]	0.341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Phenol	0.341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Pyridine	0.341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Bis(2-chloroethyl)ether	0.341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Bis(2-chloroethoxy)methane	0.341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Bis(2-ethylhexyl)phthalate	0.341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Di-n-octylphthalate	0.341	mg/kg	UJ
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Hexachlorobenzene	0.341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Anthracene	0.0341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Trichlorobenzene[1,2,4-]	0.341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Dichlorophenol[2,4-]	0.341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Dinitrotoluene[2,4-]	0.341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Nitrosodiphenylamine[N-]	0.341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Pyrene	0.0583	mg/kg	None
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Dimethyl phthalate	0.341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Dibenzofuran	0.341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Benzo(g,h,i)perylene	0.0341	mg/kg	UJ
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Indeno(1,2,3-cd)pyrene	0.0341	mg/kg	UJ
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Benzo(b)fluoranthene	0.0341	mg/kg	UJ
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Fluoranthene	0.0332	mg/kg	J
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Benzo(k)fluoranthene	0.0341	mg/kg	UJ
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Acenaphthylene	0.0341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Chrysene	0.0341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Benzo(a)pyrene	0.0341	mg/kg	UJ
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Dinitrophenol[2,4-]	0.683	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Dibenz(a,h)anthracene	0.0341	mg/kg	UJ
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Dinitro-2-methylphenol[4,6-]	0.341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Dichlorobenzene[1,3-]	0.341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Benzo(a)anthracene	0.0341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Chloro-3-methylphenol[4-]	0.341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Dinitrotoluene[2,6-]	0.341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Aniline	0.341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Nitrosodimethylamine[N-]	0.341	mg/kg	U

Table D-2.0-1 (cont.)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Nitroso-di-n-propylamine[N-]	0.341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Benzoic acid	0.683	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Hexachloroethane	0.341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Chlorophenyl-phenyl[4-] ether	0.341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Hexachlorocyclopentadiene	0.341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Isophorone	0.341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Acenaphthene	0.0341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Diethylphthalate	0.0229	mg/kg	J
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Di-n-butylphthalate	0.0497	mg/kg	J
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Phenanthrene	0.0363	mg/kg	None
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Butylbenzylphthalate	0.341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Fluorene	0.0341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Hexachlorobutadiene	0.341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Pentachlorophenol	0.341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Trichlorophenol[2,4,6-]	0.341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Nitroaniline[2-]	0.341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Nitrophenol[2-]	0.341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Naphthalene	0.0341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Methylnaphthalene[2-]	0.0341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Chloronaphthalene[2-]	0.0341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Dichlorobenzidine[3,3'-]	0.341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Methylphenol[2-]	0.341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Dichlorobenzene[1,2-]	0.341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Chlorophenol[2-]	0.341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Trichlorophenol[2,4,5-]	0.341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Nitroaniline[3-]	0.341	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Perchlorate	0.123	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Silver	0.348	mg/kg	None
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Beryllium	0.681	mg/kg	None
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Nickel	5.54	mg/kg	None
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Antimony	0.139	mg/kg	J-
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Thallium	0.129	mg/kg	None
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Mercury	11.5	mg/kg	None
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Aluminum	9070	mg/kg	None
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Arsenic	6.75	mg/kg	None
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Barium	238	mg/kg	None
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Calcium	2490	mg/kg	None
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Chromium	36.8	mg/kg	None
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Copper	18.8	mg/kg	None
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Iron	9800	mg/kg	None
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Potassium	1360	mg/kg	None
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Magnesium	1530	mg/kg	None
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Manganese	345	mg/kg	None
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Lead	91.5	mg/kg	None
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Selenium	0.455	mg/kg	U
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Zinc	231	mg/kg	None
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Cadmium	1.13	mg/kg	None
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Cobalt	3.31	mg/kg	None
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Sodium	81.6	mg/kg	None
21-02-21261	MD21-02-49603	0.0–0.5	ALLH	Vanadium	34.9	mg/kg	None

Table D-3.0-1
Waste Data for Inorganic Chemicals in Septic Tank Contents (SWMU 21-024(i)

Analyte	Sample ID	Location_ID	Reporting Units	Key ID	Requst Num	Method Code	Sample Type Code	Matrix Unified	Sample Results	Lab Qualifier
Beryllium	0121-97-0901	21-05111	mg/kg	2385805	2924	METTAL	Sample	Soil	0.927	U[a]
Cadmium	0121-97-0901	21-05111	µg/L	2385863	2924	METTCLP	Sample		329	
Calcium	0121-97-0901	21-05111	mg/kg	2385807	2924	METTAL	Sample	Soil	19400	
Cobalt	0121-97-0901	21-05111	mg/kg	2385809	2924	METTAL	Sample	Soil	34	
Copper	0121-97-0901	21-05111	mg/kg	2385810	2924	METTAL	Sample	Soil	4860	
Lead	0121-97-0901	21-05111	µg/L	2385865	2924	METTCLP	Sample		1410	
Magnesium	0121-97-0901	21-05111	mg/kg	2385813	2924	METTAL	Sample	Soil	2450	
Mercury	0121-97-0901	21-05111	µg/L	2385878	2924	METTCLP	Sample		1	
Nickel	0121-97-0901	21-05111	mg/kg	2385815	2924	METTAL	Sample	Soil	193	*[b]
Selenium	0121-97-0901	21-05111	µg/L	2385866	2924	METTCLP	Sample		100	U
Sodium	0121-97-0901	21-05111	mg/kg	2385818	2924	METTAL	Sample	Soil	414	B[c]
Arsenic	0121-97-1336	NA	mg/kg	2638715	3297R	METTAL	Sample	Soil	86.7	
Arsenic	0121-97-1336	NA	µg/L	2638861	3297R	METTCLP	Sample	Water	460	
Barium	0121-97-1336	NA	µg/L	2638862	3297R	METTCLP	Sample	Water	2120	
Cobalt	0121-97-1336	NA	mg/kg	2638721	3297R	METTAL	Sample	Soil	19.6	B
Iron	0121-97-1336	NA	mg/kg	2638723	3297R	METTAL	Sample	Soil	23600	
Manganese	0121-97-1336	NA	mg/kg	2638748	3297R	METTAL	Dup.	Soil	186.5307	
Selenium	0121-97-1336	NA	mg/kg	2638751	3297R	METTAL	Dup.	Soil	2.8108	
Vanadium	0121-97-1336	NA	mg/kg	2638755	3297R	METTAL	Dup.	Soil	342.2654	
Chromium, total	0121-97-1337	NA	mg/kg	2638780	3297R	METTAL	Sample	Soil	477	
Chromium, total	0121-97-1337	NA	µg/L	2638885	3297R	METTCLP	Sample	Water	43.5	B
Potassium	0121-97-1337	NA	mg/kg	2638788	3297R	METTAL	Sample	Soil	1400	B
Thallium	0121-97-1337	NA	mg/kg	2638792	3297R	METTAL	Sample	Soil	2.2	U
Aluminum	0121-97-1338	NA	mg/kg	2638795	3297R	METTAL	Sample	Soil	23800	
Cadmium	0121-97-1338	NA	mg/kg	2638800	3297R	METTAL	Sample	Soil	104	N[d]
Mercury	0121-97-1338	NA	mg/kg	2638845	3297R	METTAL	Sample	Soil	826	
Silver	0121-97-1338	NA	mg/kg	2638812	3297R	METTAL	Sample	Soil	212	N*
Antimony	0121-97-1339	NA	mg/kg	2638818	3297R	METTAL	Sample	Soil	183	
Barium	0121-97-1339	NA	mg/kg	2638820	3297R	METTAL	Sample	Soil	6040	
Lead	0121-97-1339	NA	mg/kg	2638828	3297R	METTAL	Sample	Soil	8180	
Silver	0121-97-1339	NA	µg/L	2638902	3297R	METTCLP	Sample	Water	7	U
Zinc	0121-97-1339	NA	mg/kg	2638838	3297R	METTAL	Sample	Soil	7500	
Aluminum	0121-97-1340	NA	µg/L	2758963	3356R	METTAL	Sample	Water	1780	*
Antimony	0121-97-1340	NA	µg/L	2758964	3356R	METTAL	Sample	Water	39.9	B
Arsenic	0121-97-1340	NA	µg/L	2758943	3356R	METTAL	Sample	Water	22.3	
Barium	0121-97-1340	NA	µg/L	2758965	3356R	METTAL	Sample	Water	298	
Beryllium	0121-97-1340	NA	µg/L	2758966	3356R	METTAL	Sample	Water	0.27	B
Cadmium	0121-97-1340	NA	µg/L	2758984	3356R	METTAL	Dup.	Water	2.5	U
Calcium	0121-97-1340	NA	µg/L	2758985	3356R	METTAL	Dup.	Water	119856.9	*
Chromium, total	0121-97-1340	NA	µg/L	2776021	3356R	METTAL	Sample	Water	28.7	B
Cobalt	0121-97-1340	NA	µg/L	2758969	3356R	METTAL	Sample	Water	22.6	*
Copper	0121-97-1340	NA	µg/L	2758970	3356R	METTAL	Sample	Water	101	*
Iron	0121-97-1340	NA	µg/L	2758971	3356R	METTAL	Sample	Water	5320	
Lead	0121-97-1340	NA	µg/L	2758944	3356R	METTAL	Sample	Water	41	
Magnesium	0121-97-1340	NA	µg/L	2758972	3356R	METTAL	Sample	Water	7540	
Manganese	0121-97-1340	NA	µg/L	2758973	3356R	METTAL	Sample	Water	489	
Mercury	0121-97-1340	NA	µg/L	2759190	3356R	METTAL	Dup.	Water	21.6	

Table D-3.0-1 (cont.)

Analyte	Sample ID	Location_ID	Reporting Units	Key ID	Requst Num	Method Code	Sample Type Code	Matrix Unified	Sample Results	Lab Qualifier
Nickel	0121-97-1340	NA	µg/L	2758974	3356R	METTAL	Sample	Water	212	
Potassium	0121-97-1340	NA	µg/L	2758992	3356R	METTAL	Dup.	Water	30403.92	U
Selenium	0121-97-1340	NA	µg/L	2758945	3356R	METTAL	Sample	Water	16	U
Silver	0121-97-1340	NA	µg/L	2758993	3356R	METTAL	Dup.	Water	8.8	
Sodium	0121-97-1340	NA	µg/L	2758994	3356R	METTAL	Dup.	Water	75352.24	
Sulfate	0121-97-1340	NA	mg/L	3437716	3366R	TOTAL S	Dup.	Water	229	U
Thallium	0121-97-1340	NA	µg/L	2758950	3356R	METTAL	Dup.	Water	0.9	
Vanadium	0121-97-1340	NA	µg/L	2758978	3356R	METTAL	Sample	Water	61.6	*
Zinc	0121-97-1340	NA	µg/L	2758979	3356R	METTAL	Sample	Water	436	
pH	0121-97-1458		SU	3266783	3897R	pH	Sample	Soil	6.9	*

[a] U = analyte was analyzed for but not detected, and the reported value is the sample-specific estimated quantitation limit or detection limit.

[b] * = Duplicate analysis not within control limits.

[c] B = Reported value was obtained from a reading that was less the the estimated detection limis, but greater than or equal to the instrument detection limit.

[d] N =Spiked sample recovery not within control limits.

Table D-3.0-2
Waste Data for Radiological Chemicals in Septic Tank Contents (SWMU 21-024(i)

Analyte	Sample ID	Location ID	Matrix Unified	Units	Std Result	Lab Qualifier
Cesium-137	0121-97-0901	21-05111	Soil	pCi/g	0.442	
Plutonium-238	0121-97-0901	21-05111	Soil	pCi/g	0.066	
Plutonium-239, -240	0121-97-0901	21-05111	Soil	pCi/g	4.05	
Uranium-234	0121-97-0901	21-05111	Soil	pCi/g	872	
Uranium235, -236	0121-97-0901	21-05111	Soil	pCi/g	31.5	
Uranium-238	0121-97-0901	21-05111	Soil	pCi/g	142	
Actinium-228	0121-97-1336	NA	Sludge	pCi/g	2.62	
Americium-241	0121-97-1336	NA	Sludge	pCi/g	0.893	
Barium-140	0121-97-1336	NA	Sludge	pCi/g	0.761	
Bismuth-214	0121-97-1336	NA	Sludge	pCi/g	1.4	
Gross Alpha Radiation	0121-97-1336	NA	Sludge	pCi/g	823	
Gross Beta Radiation	0121-97-1336	NA	Sludge	pCi/g	283	
Ruthenium-106	0121-97-1336	NA	Sludge	pCi/g	0.445	
Thorium-228	0121-97-1336	NA	Sludge	pCi/g	4.97	
Tin-113	0121-97-1336	NA	Sludge	pCi/g	0.064	
Bismuth-212	0121-97-1337	NA	Sludge	pCi/g	1.7	
Lanthanum-140	0121-97-1337	NA	Sludge	pCi/g	17.6	
Cadmium-109	0121-97-1338	NA	Sludge	pCi/g	33.9	
Cobalt-60	0121-97-1338	NA	Sludge	pCi/g	0.093	
Protactinium-234M	0121-97-1338	NA	Sludge	pCi/g	111	
Selenium-75	0121-97-1338	NA	Sludge	pCi/g	0.023	
Tritium	0121-97-1338	NA	Soil	pCi/g	198000	
Uranium-235	0121-97-1338	NA	Sludge	pCi/g	13.6	
Zinc-65	0121-97-1338	NA	Sludge	pCi/g	0.053	
Bismuth-211	0121-97-1339	NA	Sludge	pCi/g	234	
Cobalt-57	0121-97-1339	NA	Sludge	pCi/g	3.49	
Gross Gamma Radiation	0121-97-1339	NA	Sludge	pCi/g	487.326	
Lead-211	0121-97-1339	NA	Sludge	pCi/g	299	
Lead-214	0121-97-1339	NA	Sludge	pCi/g	4.8	
Neptunium-237	0121-97-1339	NA	Sludge	pCi/g	57.4	
Protactinium-231	0121-97-1339	NA	Sludge	pCi/g	190	

Table D-3.0-2 (cont.)

Analyte	Sample ID	Location ID	Matrix Unified	Units	Std Result	Lab Qualifier
Protactinium-233	0121-97-1339	NA	Sludge	pCi/g	4.1	
Radium-223	0121-97-1339	NA	Sludge	pCi/g	239	
Radium-226	0121-97-1339	NA	Sludge	pCi/g	182	S [a]
Radon-219	0121-97-1339	NA	Sludge	pCi/g	238	
Thorium-227	0121-97-1339	NA	Sludge	pCi/g	294	
Thorium-230	0121-97-1339	NA	Sludge	pCi/g	2.81	
Thorium-234	0121-97-1339	NA	Sludge	pCi/g	279	
Yttrium-88	0121-97-1339	NA	Sludge	pCi/g	0.783	
Actinium-228	0121-97-1340	NA	Water	pCi/g	3.56	
Americium-241	0121-97-1340	NA	Water	pCi/g	4.73	
Barium-140	0121-97-1340	NA	Water	pCi/L	1.96	
Bismuth-211	0121-97-1340	NA	Water	pCi/L	15	
Bismuth-212	0121-97-1340	NA	Water	pCi/g	9.86	
Bismuth-214	0121-97-1340	NA	Water	pCi/L	1.4	
Cadmium-109	0121-97-1340	NA	Water	pCI/L	23.2	
Cesium-137	0121-97-1340	NA	Water	pCi/g	1.3	
Cobalt-57	0121-97-1340	NA	Water	pCi/g	0.619	
Cobalt-60	0121-97-1340	NA	Water	pCi/L	1.87	
Europium-152	0121-97-1340	NA	Water	pCi/g	1.92	
Europium-152	0121-97-1340	NA	Water	pCi/L	2.53	
Lanthanum-140	0121-97-1340	NA	Water	pCi/g	5.76	
Lead-211	0121-97-1340	NA	Water	pCi/L	7.48	
Lead-214	0121-97-1340	NA	Water	pCi/L	3.41	
Mercury-203	0121-97-1340	NA	Water	pCi/g	2.37	* [b]
Protactinium-231	0121-97-1340	NA	Water	pCi/g	28.3	
Protactinium-233	0121-97-1340	NA	Water	pCi/L	1.05	
Protactinium-234M	0121-97-1340	NA	Water	pCi/L	537	*
Radium-223	0121-97-1340	NA	Water	pCi/g	2.58	
Radium-226	0121-97-1340	NA	Water	pCi/L	57.6	
Radon-219	0121-97-1340	NA	Water	pCi/L	18.2	
Ruthenium-106	0121-97-1340	NA	Water	pCi/g	12.2	
Selenium-75	0121-97-1340	NA	Water	pCi/L	0.829	
Thorium-227	0121-97-1340	NA	Water	pCi/g	3.8	
Thorium-230	0121-97-1340	NA	Water	pCi/L	36.6	
Tritium	0121-97-1340	NA	Water	pCi/L	4.02	
Uranium-234	0121-97-1340	NA	Water	pCi/L	9.2	
Uranium-235	0121-97-1340	NA	Water	pCi/L	4.32	
Uranium-238	0121-97-1340	NA	Water	pCi/L	1.9	
Yttrium-88	0121-97-1340	NA	Water	pCi/L	3.63	
Zinc-65	0121-97-1340	NA	Water	pCi/L	4.32	*

[a] S = Spectral interference; data is of questionable quality.

[b] * = Duplicate analysis not within control limits.

Table D-3.0-3
Waste Data for Organic Chemicals in Septic Tank Contents (SWMU 21-024(i)

Analyte	Location ID	Matrix Unified	Analyte Code	Sample Results	Reporting Units	Std Result	Std Reporting Units	Lab Qualifier
Acetone	21-05111	Soil	67-64-1	83	µg/kg	0.083	mg/kg	
Benzene	21-05111	Soil	71-43-2	76,000	µg/kg	76	mg/kg	
Benzo(a)anthracene	21-05111	Soil	56-55-3	510	µg/kg	0.51	mg/kg	J[a]
Benzo(a)pyrene	21-05111	Soil	50-32-8	550	µg/kg	0.55	mg/kg	J
Benzo(b)fluoranthene	21-05111	Soil	205-99-2	810	µg/kg	0.81	mg/kg	J
Benzo(k)fluoranthene	21-05111	Soil	207-08-9	340	µg/kg	0.34	mg/kg	J

Table D-3.0-3 (cont.)

Analyte	Location ID	Matrix Unified	Analyte Code	Sample Results	Reporting Units	Std Result	Std Reporting Units	Lab Qualifier
Bis(2-ethylhexyl)phthalate	21-05111	Soil	117-81-7	2400	µg/kg	2.4	mg/kg	J
Butylbenzene[n-]	21-05111	Soil	104-51-8	58	µg/kg	0.058	mg/kg	
Butylbenzene[sec-]	21-05111	Soil	135-98-8	31	µg/kg	0.031	mg/kg	
Chlorobenzene	21-05111	Soil	108-90-7	270000	µg/kg	270	mg/kg	
Chrysene	21-05111	Soil	218-01-9	670	µg/kg	0.67	mg/kg	J
Dichlorobenzene[1,3-]	21-05111	Soil	541-73-1	540	µg/kg	0.54	mg/kg	
Dichlorobenzene[1,4-]	21-05111	Soil	106-46-7	3400	µg/kg	3.4	mg/kg	
Dichlorobenzene[1,4-]	21-05111	Soil	106-46-7	490	µg/kg	0.49	mg/kg	
Di-n-butylphthalate	21-05111	Soil	84-74-2	4400	µg/kg	4.4	mg/kg	
Ethylbenzene	21-05111	Soil	100-41-4	270	µg/kg	0.27	mg/kg	
Fluoranthene	21-05111	Soil	206-44-0	1100	µg/kg	1.1	mg/kg	J
Isopropylbenzene	21-05111	Soil	98-82-8	40	µg/kg	0.04	mg/kg	
Isopropyltoluene[4-]	21-05111	Soil	99-87-6	220	µg/kg	0.22	mg/kg	
Methylene Chloride	21-05111	Soil	75-09-2	18	µg/kg	0.018	mg/kg	
Phenanthrene	21-05111	Soil	85-01-8	740	µg/kg	0.74	mg/kg	J
Propylbenzene[1-]	21-05111	Soil	103-65-1	45	µg/kg	0.045	mg/kg	
Pyrene	21-05111	Soil	129-00-0	990	µg/kg	0.99	mg/kg	J
Trichlorofluoromethane	21-05111	Soil	75-69-4	18	µg/kg	0.018	mg/kg	
Trimethylbenzene[1,2,4-]	21-05111	Soil	95-63-6	380	µg/kg	0.38	mg/kg	
Trimethylbenzene[1,3,5-]	21-05111	Soil	108-67-8	190	µg/kg	0.19	mg/kg	
Xylene (Total)	21-05111	Soil	1330-20-7	1400	µg/kg	1.4	mg/kg	
Acetone	NA	Sludge	67-64-1	5600	µg/kg	5.6	mg/kg	JB[b]
Benzene	NA	Water	71-43-2	13	µg/L	13	µg/L	J
Butanone[2-]	NA	Water	78-93-3	20	µg/L	20	µg/L	J
Chlorobenzene	NA	Sludge	108-90-7	46000	µg/kg	46	mg/kg	
Chlorobenzene	NA	Water	108-90-7	80	µg/L	80	µg/L	
Dichlorobenzene[1,4-]	NA	Water	106-46-7	43	µg/L	43	µg/L	J
Dichlorobenzene[1,4-]	NA	Sludge	106-46-7	93000	µg/kg	93	mg/kg	
Xylene (Total)	NA	Sludge	1330-20-7	4300	µg/kg	4.3	mg/kg	J
Acetone	NA	Sludge	67-64-1	3800	µg/kg	3.8	mg/kg	JB
Benzene	NA	Sludge	71-43-2	2100	µg/kg	2.1	mg/kg	J
Butanone[2-]	NA	Water	78-93-3	21	µg/L	21	µg/L	J
Chlorobenzene	NA	Sludge	108-90-7	82000	µg/kg	82	mg/kg	
Chlorobenzene	NA	Water	108-90-7	100	µg/L	100	µg/L	
Dichlorobenzene[1,4-]	NA	Water	106-46-7	27	µg/L	27	µg/L	J
Dichlorobenzene[1,4-]	NA	Sludge	106-46-7	51000	µg/kg	51	mg/kg	
Methylene Chloride	NA	Sludge	75-09-2	1600	µg/kg	1.6	mg/kg	J
Trimethylbenzene[1,2,4-]	NA	Sludge	95-63-6	2500	µg/kg	2.5	mg/kg	J
Xylene (Total)	NA	Sludge	1330-20-7	5700	µg/kg	5.7	mg/kg	
Acetone	NA	Sludge	67-64-1	24000	µg/kg	24	mg/kg	JB
Benzene	NA	Sludge	71-43-2	60000	µg/kg	60	mg/kg	
Benzene	NA	Water	71-43-2	350	µg/L	350	µg/L	
Bis(2-ethylhexyl)phthalate	NA	Soil	117-81-7	43000	µg/kg	43	mg/kg	
Butanone[2-]	NA	Water	78-93-3	27	µg/L	27	µg/L	J
Chlorobenzene	NA	Sludge	108-90-7	690000	µg/kg	690	mg/kg	
Chlorobenzene	NA	Water	108-90-7	1300	µg/L	1300	µg/L	
Dichlorobenzene[1,4-]	NA	Soil	106-46-7	40000	µg/kg	40	mg/kg	
Dichlorobenzene[1,4-]	NA	Water	106-46-7	22	µg/L	22	µg/L	J
Dichlorobenzene[1,4-]	NA	Sludge	106-46-7	26000	µg/kg	26	mg/kg	J
Di-n-butylphthalate	NA	Soil	84-74-2	97000	µg/kg	97	mg/kg	
Fluoranthene	NA	Soil	206-44-0	9000	µg/kg	9	mg/kg	J
Methylene Chloride	NA	Sludge	75-09-2	13000	µg/kg	13	mg/kg	J
Phenanthrene	NA	Soil	85-01-8	6200	µg/kg	6.2	mg/kg	J
Xylene (Total)	NA	Sludge	1330-20-7	19000	µg/kg	19	mg/kg	J

Table D-3.0-3 (cont.)

Analyte	Location ID	Matrix Unified	Analyte Code	Sample Results	Reporting Units	Std Result	Std Reporting Units	Lab Qualifier
Acetone	NA	Sludge	67-64-1	83000	µg/kg	83	mg/kg	JB
Benzene	NA	Sludge	71-43-2	160000	µg/kg	160	mg/kg	
Benzene	NA	Water	71-43-2	360	µg/L	360	µg/L	
Bis(2-ethylhexyl)phthalate	NA	Soil	117-81-7	14000	µg/kg	14	mg/kg	J
Chlorobenzene	NA	Sludge	108-90-7	1700000	µg/kg	1700	mg/kg	
Chlorobenzene	NA	Water	108-90-7	1700	µg/L	1700	µg/L	
Dichlorobenzene[1,4-]	NA	Soil	106-46-7	30000	µg/kg	30	mg/kg	J
Dichlorobenzene[1,4-]	NA	Water	106-46-7	26	µg/L	26	µg/L	J
Dichlorobenzene[1,4-]	NA	Sludge	106-46-7	87000	µg/kg	87	mg/kg	
Di-n-butylphthalate	NA	Soil	84-74-2	62000	µg/kg	62	mg/kg	J
Xylene (Total)	NA	Sludge	1330-20-7	56000	µg/kg	56	mg/kg	J
Acetone	NA	Water	67-64-1	13	µg/L	13	µg/L	JB
Benzene	NA	Water	71-43-2	6	µg/L	6	µg/L	
Benzo(a)anthracene	NA	Water	56-55-3	3	µg/L	3	µg/L	J
Benzoic Acid	NA	Water	65-85-0	7	µg/L	7	µg/L	J
Bis(2-ethylhexyl)phthalate	NA	Water	117-81-7	42	µg/L	42	µg/L	B
Butanone[2-]	NA	Water	78-93-3	5	µg/L	5	µg/L	J
Chlorobenzene	NA	Water	108-90-7	16	µg/L	16	µg/L	
Chrysene	NA	Water	218-01-9	4	µg/L	4	µg/L	J
Dichlorobenzene[1,4-]	NA	Water	106-46-7	6	µg/L	6	µg/L	J
Dichlorobenzene[1,4-]	NA	Water	106-46-7	5	µg/L	5	µg/L	J
Dimethylphenol[2,4-]	NA	Water	105-67-9	2	µg/L	2	µg/L	J
Di-n-butylphthalate	NA	Water	84-74-2	2	µg/L	2	µg/L	JB
Fluoranthene	NA	Water	206-44-0	9	µg/L	9	µg/L	J
Halides, Total Organic	NA	Water	TOX	41.9	µg/L	41.9	µg/L	
Methylene Chloride	NA	Water	75-09-2	13	µg/L	13	µg/L	B[c]
Pentachlorophenol	NA	Water	87-86-5	1	µg/L	1	µg/L	J
Phenanthrene	NA	Water	85-01-8	4	µg/L	4	µg/L	J
Phenol	NA	Water	108-95-2	2	µg/L	2	µg/L	J
Pyrene	NA	Water	129-00-0	13	µg/L	13	µg/L	
Aroclor-1254	NA	Soil	11097-69-1	35	µg/kg	35	mg/kg	
Aroclor-1254	NA	Soil	11097-69-1	30	µg/kg	30	mg/kg	

[a] J = Reported value should be regarded as estimated.

[b] JB = Value is less than EOL and is an estimated quantity.

[c] B = Reported value was obtained from a reading that was less the the estimated detection limit, but greater than or equal to the instrument detection limit.