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21-029

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Date: September 30, 2001
Refer to: ER2001-0797

Mr. James Bearzi, Chief
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2905 Rodeo Park Drive East
Building 1
Santa Fe, NM 87505-6303

SUBJECT: SUBMITTAL OF PHASE II RFI REPORT FOR DP TANK FARM

Dear Mr. Young:

In accordance with your letter dated April 25, 2001, enclosed please find three copies of the *Phase II RFI Report for Potential Release Site 21-029, DP Tank Farm and certification.* All analytical data for the Phase II RFI Report for DP Tank Farm is provided in Appendix D of the report and is submitted in electronic format, specifically on compact discs.

Please contact John Hopkins at (505) 667-9551 or Woody Woodworth at (505) 667-5820, if you have any questions or require any additional information.

Sincerely,

Julie A. Canepa, Program Manager
Environmental Restoration Project
Los Alamos National Laboratory

Sincerely,

Mat Johansen, Project Manager
Department of Energy
Los Alamos Area Office

JC/MJ/PB/vn

10612

72

Enclosure: 1) Phase II RFI Report for DP Tank Farm (3 copies)
2) Certification

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CERTIFICATION

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.

Document Title: Phase II RFI Report for DP Tank Farm

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01-016

environmental restoration project

A Department of Energy
Environmental Cleanup Program

LA-UR-01-5254
September 2001
ER2001-0720

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Phase II RFI Report for Potential Release Site 21-029, DP Tank Farm

Data disk included with this document

Los Alamos
NATIONAL LABORATORY
Los Alamos, NM 87545

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EXECUTIVE SUMMARY

This report describes Phase II Resource Conservation and Recovery Act facility investigation (RFI) activities conducted during 2000 and 2001 at Potential Release Site (PRS) 21-029 (DP Tank Farm) and in DP Canyon. This investigation was conducted in accordance with the Phase II RFI work plan and the response to the request for supplemental information (RSI). The tank farm and two related petroleum hydrocarbon seep areas (western and eastern) in DP Canyon are being addressed under RCRA corrective action and New Mexico Environment Department (NMED) underground storage tank (UST) standards.

PRS 21-029 is located at the western edge of Technical Area (TA) 21. TA-21 is located on the northern boundary of the Los Alamos National Laboratory (the Laboratory). The TA is on DP Mesa, immediately east-southeast of the Los Alamos town site. In 1945, the operations for establishing the chemical and metallurgical properties of nuclear material that were necessary to achieve and sustain the required nuclear fission reaction were transferred to the TA-21 facilities.

From January 1946 to February 1985, DP Tank Farm was the primary fueling station supporting Laboratory operations. Structures included fuel tanks, fill ports, valve boxes, and the East and West Fill Stations, and site access roads all bounded by an earthen berm along the rim of DP Canyon on the north end of the site.

DP Tank Farm is currently inactive and owned by Department of Energy (DOE). The site is a part of TA-21, which is subject to Public Law 105-109; the public law directs DOE to transfer lands that are not critical to the mission of the Laboratory to either Los Alamos County or the Department of the Interior in trust for San Ildefonso Pueblo by November 26, 2007. DP Mesa is slated for transfer to Los Alamos County. The county has advised DOE that the intended use for this property is commercial.

The objectives of this Phase II RFI were to

- identify the nature and extent of subsurface petroleum hydrocarbon contamination associated with PRS 21-029 (the mesa top),
- identify the source or sources of petroleum hydrocarbons associated with the two localized hydrocarbon seep areas in DP Canyon;
- identify the migration pathway or pathways by which petroleum-related products have moved from the source(s) to the areas of the two hydrocarbon seeps in DP Canyon and determine if these pathways are still active,
- revise the conceptual model for contaminant fate and transfer,
- perform screening assessments of NMED UST-related chemicals for potential present-day risks posed to human and ecological receptors located on the mesa top (PRS 21-029), and
- determine if there is a need for remedial action based on risk evaluation.

The Laboratory Environmental Restoration Project conducted the Phase II RFI at PRS 21-029 and in DP Canyon north of the PRS from April 2000 to July 2001. Pursuant to the Phase II RFI work plan and subsequent RSI response, sediment samples, hand-auger samples, and core samples were collected to characterize the area of PRS 21-029 and the two hydrocarbon seep areas in DP Canyon. A total of 179 samples were submitted to an off-site contract laboratory for analysis. The analytical suite included total petroleum hydrocarbons; semivolatile organic compounds; total lead; and benzene, toluene, ethylbenzene, and xylene. Additionally, one sample was collected at depth from the bottom of the borehole located at the West Fill Station and analyzed for americium-241, cobalt-60, cesium-134, cesium-137, tritium, and uranium-235.

The Phase II RFI focused on determining the source of the petroleum hydrocarbon contamination in DP Canyon, determining the nature and extent of the contamination, and developing/revising the conceptual

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1.0 INTRODUCTION

1.1 Background

Los Alamos National Laboratory (the Laboratory) is a multidisciplinary research facility owned by the Department of Energy (DOE) and managed by the University of California. The Laboratory is located in north-central New Mexico approximately 60 miles northeast of Albuquerque and 20 miles northwest of Santa Fe. The Laboratory site covers 43 square miles of the Pajarito Plateau, which consists of a series of finger-like mesas that are separated by deep canyons containing perennial and intermittent streams running from west to east. Mesa tops range in elevation between approximately 6200 ft and 7800 ft. The eastern portion of the plateau stands 300 ft to 900 ft above the Rio Grande.

The Laboratory's Environmental Restoration (ER) Project is involved in a national effort by the DOE to clean up sites and facilities that were formerly involved in weapons research and production. The goal of the ER Project is to ensure that DOE's past operations do not threaten human or environmental health and safety in and around Los Alamos County, New Mexico. To achieve that goal, the ER Project is currently investigating sites potentially contaminated by past Laboratory operations. The sites under investigation are either solid waste management units (SWMUs) or areas of concern (AOCs). In the ER Project, SWMUs and AOCs are collectively referred to as potential release sites (PRSs).

Depending on the type of contaminant(s) and the history of a PRS, the New Mexico Environment Department (NMED) or the DOE has administrative authority over work performed by the ER Project. NMED, under the auspices of the State of New Mexico, has authority over cleanup of sites with hazardous waste or hazardous constituents, including the hazardous waste portion of mixed waste (i.e., waste contaminated with both radioactive and hazardous constituents). Hazardous constituents are regulated under the Resource Conservation and Recovery Act (RCRA). The DOE has authority over cleanup of sites with radioactive contamination; radionuclides are regulated under DOE Order 5400.5, "Radiation Protection of the Public and the Environment," and DOE Order 435.1, "Radioactive Waste Management." The PRS in this report contains petroleum hydrocarbons, which include hazardous constituents.

NMED enforces the Hazardous and Solid Waste Amendments (HSWA) Module VIII of the Laboratory's Hazardous Waste Facility Permit, hereafter referred to as the HSWA Module (EPA 1990, 1585). The HSWA Module specifies conditions and requirements for performing ER activities. The Environmental Protection Agency (EPA) issued the HSWA Module on May 23, 1990, and revised it on May 19, 1994; the permit is currently under revision by NMED. PRS 21-029 (DP Tank Farm) is a SWMU listed in the HSWA Module; therefore, this investigation was conducted under the requirements of RCRA. In addition, because DP Tank Farm operated as an underground storage tank (UST) facility, characterization and cleanup activities will meet NMED UST standards (Environmental Restoration Project 1999, 64829).

In accordance with the HSWA Module, appropriate corrective actions are determined through the RCRA facility investigation (RFI) process. The purposes of an RFI are to

- identify site information and collect environmental data, as necessary;
- characterize the nature and extent of any contaminant release(s) to air, groundwater, surface water, bedrock, and soil;
- evaluate the potential risk to human health and the environment; and
- support corrective measures proposals, if appropriate, for the site.

This report is organized according to the RFI annotated outline (LANL 1998, 58605) and the revised RFI report outline for DP Tank Farm approved by NMED (Bertino 2001, 70120). The Phase II RFI work plan (Environmental Restoration Project 1998, 59976) and the response to the request for supplemental information (RSI) (Environmental Restoration Project 1999, 64829) thoroughly address DP Tank Farm historic operating information and investigation activities. Therefore, only summary information necessary to evaluate and interpret results is included in this report (Bertino 2001, 70120).

This report describes the results of the Phase II RFI of PRS 21-029 at Technical Area (TA) 21 at the Laboratory. Sections 1 through 5 include an abbreviated site history, environmental setting, data collection and analysis, risk assessments, and conclusions/recommendations. Appendix A includes a list of acronyms and defines terms used in this report. Appendix B gives details of the operational and environmental setting, including site fracture information. Appendix C describes the results of the quality control (QC)/quality assurance process. Appendix D includes the analytical suites and results. Appendix E describes the statistical analyses; Appendix F includes the ecological scoping checklist. Appendix G lists the relevant regulatory documents. Appendix H includes borehole logs, and Appendix I includes hand-auger borehole logs. Appendix J contains photographs. Appendix K presents sample location numbers and all field-screening results, describes the samples, and states the purpose of collecting the samples from the locations. Appendix L presents the geologic cross sections for the site.

1.2 Technical Area 21

TA 21 is located on the northern boundary of the Laboratory (Figure 1.2-1). It is centrally located on the Pajarito Plateau, approximately midway between the flanks of the Jemez Mountains on the west and the Rio Grande to the east. TA-21 is located on DP Mesa, immediately east-southeast of the Los Alamos town site (Figure 1.2-2). In 1945, the operations for establishing the chemical and metallurgical properties of nuclear material that were necessary to achieve and sustain the required nuclear fission reaction were transferred to the TA-21 facilities in the areas of DP West and DP East. DP Tank Farm, PRS 21-029, is located at the western edge of TA-21. DP Tank Farm is the former location of 2 fill stations and 15 USTs that contained petroleum hydrocarbon products; the stations and tanks were decommissioned in 1988.

1.3 Objectives and Scope

This report describes Phase II RFI activities conducted during 2000 and 2001 at PRS 21-029 and in DP Canyon. This investigation was conducted in accordance with the Phase II RFI work plan (Environmental Restoration Project 1998, 59976) and the RSI response (Environmental Restoration Project 1999, 64829). The objectives of the Phase II RFI were to

- identify the nature and extent of subsurface petroleum hydrocarbon contamination associated with PRS 21-029 (the mesa top),
- identify the source or sources of petroleum hydrocarbons associated with the two localized hydrocarbon seep areas in DP Canyon;
- identify the migration pathway or pathways by which petroleum-related products have moved from the source(s) to the areas of the two hydrocarbon seeps in DP Canyon and determine if these pathways are still active,
- revise the conceptual model for contaminant fate and transfer,
- perform screening assessments of NMED UST-related chemicals for potential present-day risks posed to human and ecological receptors located on the mesa top (PRS 21-029), and
- determine if there is a need for remedial action based on risk evaluation.

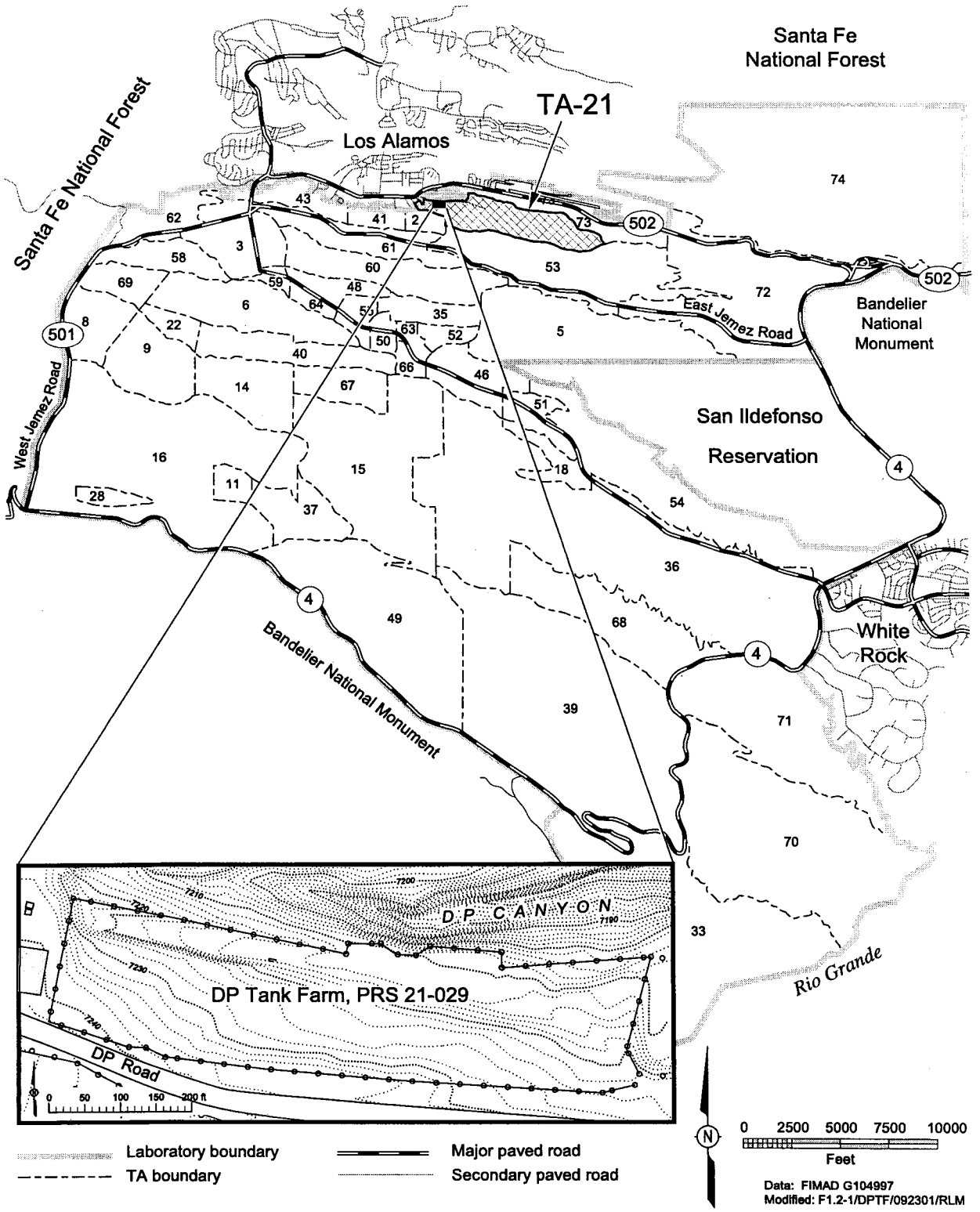


Figure 1.2-1. Location of TA-21, with respect to Laboratory technical areas and surrounding land holdings, and the location of PRS 21-029

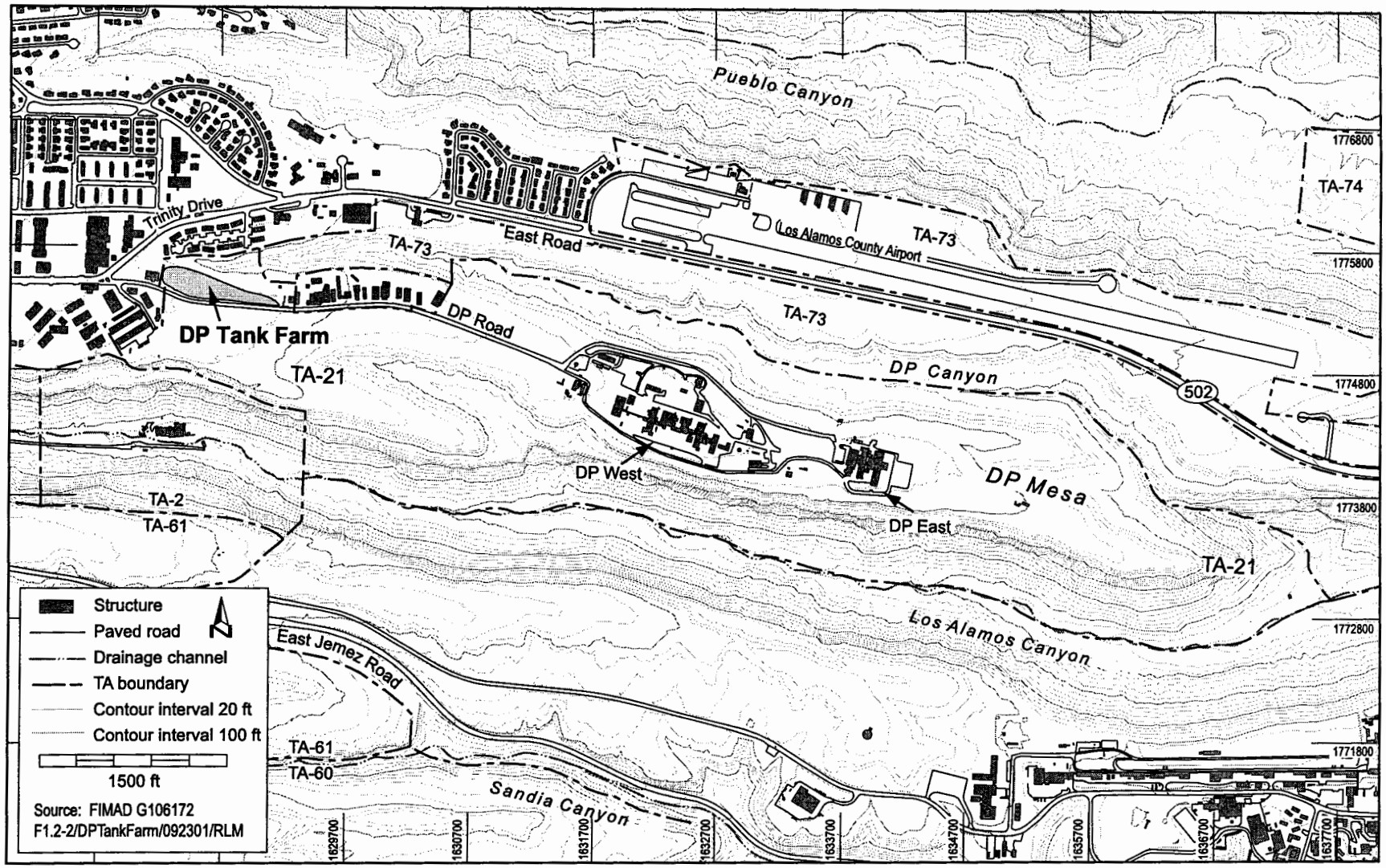


Figure 1.2-2. Location of DP Tank Farm, PRS 21-029, at TA-21

2.0 DP TANK FARM, PRS 21-029

2.1 Operational History

From January 1946 to February 1985, DP Tank Farm was the primary fueling station supporting Laboratory operations. The site is the former location of 2 fill stations and 15 storage tanks that contained petroleum hydrocarbon products. In 1988, the site was decommissioned, and all major structures were removed (LANL 1991, 7529; Environmental Restoration Project 1996, 55347). Details of the operational history will not be presented here because a complete history was presented in the Phase II RFI work plan (Environmental Restoration Project 1998, 59976) and the RSI response (Environmental Restoration Project 1999, 64829).

2.2 Site Description/Physical Description

DP Tank Farm, the site of a decommissioned fueling station, is located near the western end of DP Mesa (Figure 1.2-2). Structures at the site included fuel tanks, fill ports, valve boxes, the East and West Fill Stations, access roads, and a large earthen berm on the north side of the site extending from just east of the West Fill Station to the east end of the site. Other structure include two corrugated metal pipes that previously discharged stormwater runoff from DP Road and the western portion of the facility access road and still protrude from the north-facing slope of DP Canyon (Figure 2.2-1). The site occupies about 3.5 acres and is bounded by the Knights of Columbus Hall to the west and the Los Alamos County Fire Station and training facility to the east (Figure 2.2-2). The PRS (the mesa top) is surrounded by a chainlink fence that is adjacent to DP Road to the south and follows the rim of DP Canyon on the north.

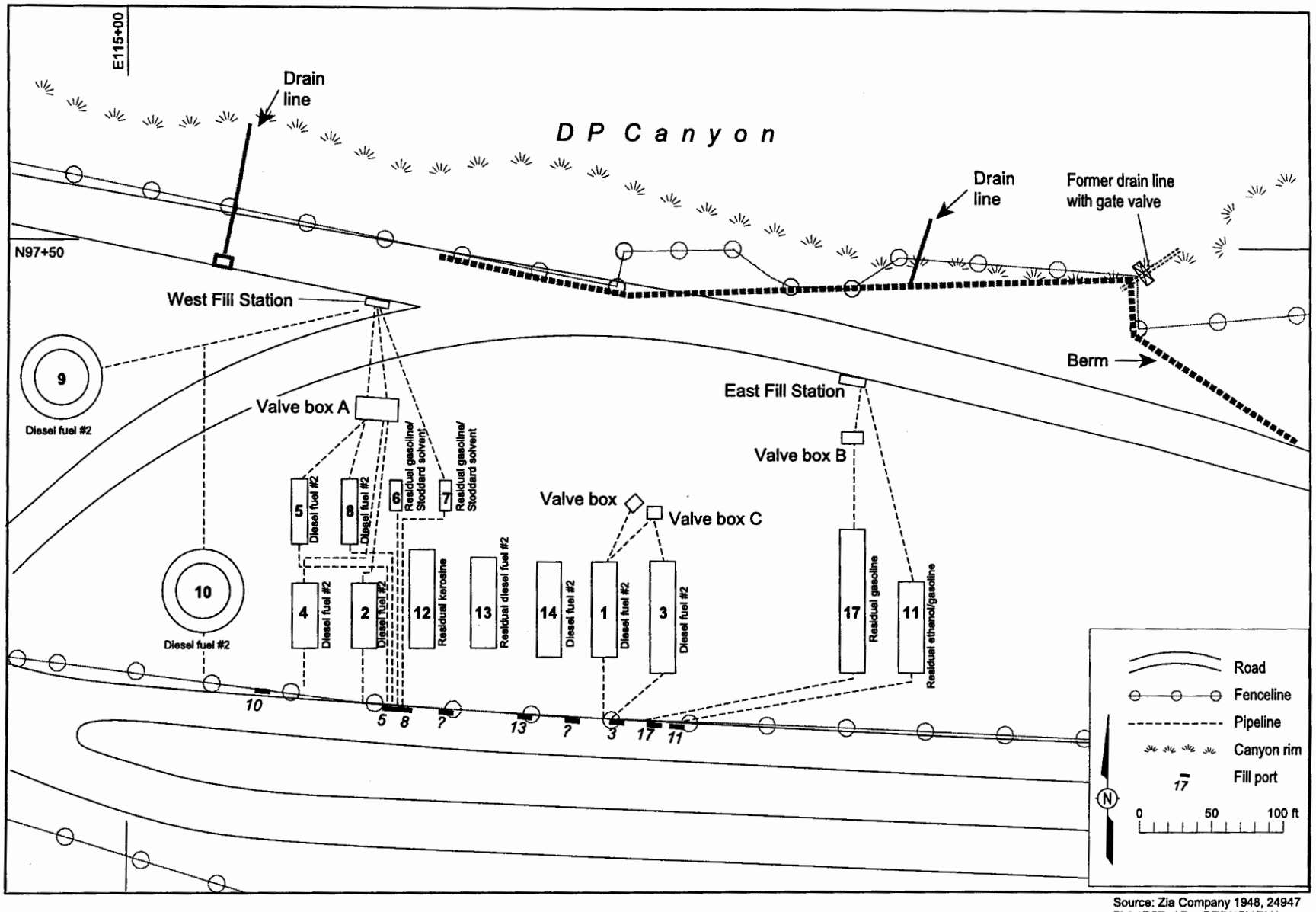
The head of DP Canyon is located directly north of the west end of DP Tank Farm. The canyon walls are gently sloped at the head of the canyon and become more steeply sloped towards the east. The ephemeral stream channel on the canyon bottom is approximately 40 ft (in elevation) below DP Tank Farm and approximately 50 ft (in elevation) below the Los Alamos County Fire Station and training facility. The predominant topographic slope at DP Tank Farm is from southwest to northeast (the site slopes toward DP Canyon). DP Tank Farm ranges between 7202 ft and 7240 ft above mean sea level, approximately 1200 ft above the regional aquifer.

A seep area is located in the western part of the DP Canyon stream channel approximately 120 ft north of the West Fill Station. Another seep area is located in the eastern part of the DP Canyon stream channel approximately 450 ft northeast of the Los Alamos County Fire Station and training facility.

Additional information on the site description and the operational history is provided in Appendix B, in the DP Tank Farm Phase II RFI work plan (Environmental Restoration Project 1998, 59976), and in the RSI response (Environmental Restoration Project 1999, 64829).

2.2.1 Land Use

DP Tank Farm is currently inactive and owned by DOE. The site is a part of TA-21, which is subject to Public Law 105-109; the public law directs DOE to transfer lands that are not critical to the mission of the Laboratory to either Los Alamos County or the Department of the Interior in trust for San Ildefonso Pueblo by November 26, 2007. DP Mesa is slated for transfer to Los Alamos County. The county has advised DOE that the intended use for this property is commercial.



Source: Zia Company 1948, 24947
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Figure 2.2-1. Former locations of structures and 1983 tank contents at DP Tank Farm, PRS 21-029

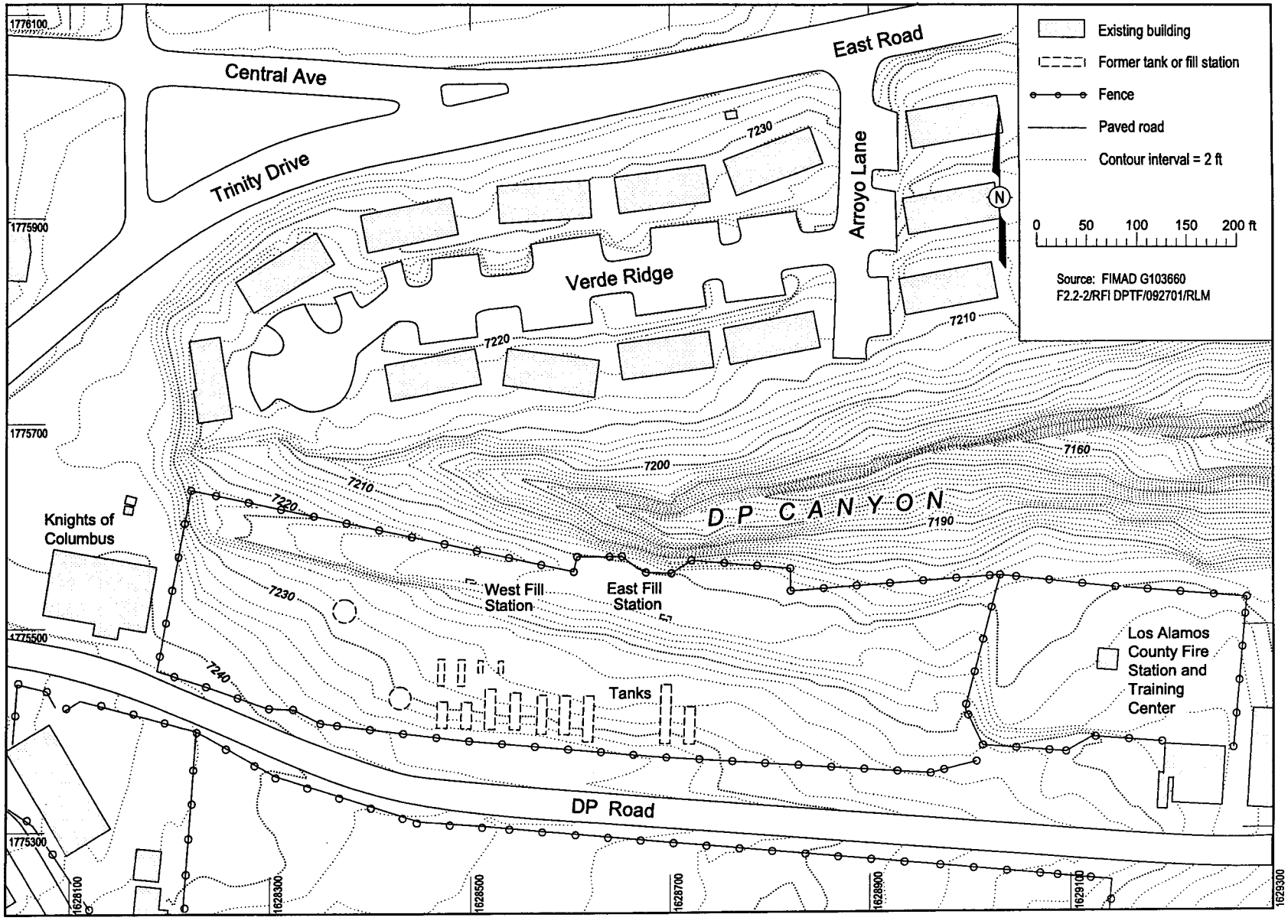


Figure 2.2-2. Location of DP Tank Farm, PRS 21-029, at TA-21

2.2.2 Relation to Other PRSs

To evaluate the potential impact of PRS 21-029 and to make sound decisions regarding the need for and the nature of effective remedies, it is important to understand, at least qualitatively, the potential impact of nearby PRSs. Other PRSs and historical sites associated with former operations at the Laboratory and at the Los Alamos town site are located in the drainage area of DP Canyon and in the vicinity of PRS 21-029. These sites are discussed in detail in the RSI response (Environmental Restoration Project 1999, 64829).

2.2.3 Relationship with DP Canyon Reach

The ER Project conducted sediment and alluvial groundwater investigations in DP Canyon during 1998 and 1999; the investigation focused on detailed characterizations of DP Canyon (Environmental Restoration Project 1999, 63915). Stream flow in DP Canyon is largely ephemeral runoff from rainstorms and snowmelt throughout the Los Alamos town site. Runoff from other town site activities, such as lawn watering, also contribute a small amount of flow into the canyon. Some surface runoff flows overland directly into the canyon along the entire length of DP Canyon, especially from paved parking areas around the condominium complex on the north rim of the canyon. However, most of the flow enters the canyon through the town site storm drain system that discharges into the head of the canyon.

The characterization of DP Canyon was divided into four reaches: Reach DP-1, Reach DP-2, Reach DP-3, and Reach DP-4. DP Tank Farm is located on the mesa top south of Reach DP-1. Reach DP-1 comprises three subreaches: DP-1 West, DP-1 Central, and DP-1 East. DP-West and DP-Central, which border DP Tank Farm, are illustrated in Figure 2.2-3. The DP Canyon reach investigation found that petroleum hydrocarbon concentrations are dispersed throughout the entire length of DP Canyon; they show a decreasing trend from the head of DP Canyon to the confluence with Los Alamos Canyon. This concentration trend suggests that petroleum hydrocarbons in a variety of forms (motor oils, lubricating oils, diesel fuel) are entering DP Canyon in runoff from the Los Alamos town site. No additional significant sources, including DP Tank Farm, are discernable from the results of the investigation. Details of the investigation are presented in the DP Canyon reach report (Environmental Restoration Project 1999, 63915).

2.2.4 Environment

Detailed information on the environmental setting of DP Mesa and TA-21 is provided in Appendix B. This section discusses only those site-specific aspects that are important to assessing the potential for fate and transport of contaminants; they include

- a semiarid climate with low precipitation and a high evapotranspiration rate, which limit the amount of moisture percolating into the subsurface and along fractures, subsequently limiting the amount of water available to leach petroleum hydrocarbons; and
- a thick, relatively dry unsaturated zone, which greatly restricts or prevents downward migration of contaminants in the liquid phase through the vadose zone to the regional aquifer.

A surface water assessment of PRS 21-029 was conducted on August 24, 2001. Based on this assessment, this PRS has a score of 56.6 out of a possible 100, indicating the potential for soil erosion. Surface water runoff from the PRS flows to the north into DP Canyon. Rill erosion is occurring at one location along the northern fence, and there is minor run-on to the site under the east gate at the southeast corner of the fence (Figure 2.2-2). There are no structural or operational factors that might affect the site hydrology. The hydrology of the general area is discussed in Appendix B, and the surface water assessment document is attached at the end of that appendix. There is no watercourse within the PRS boundary, and no debris is present in the areas of surface water runoff from PRS 21-029 into DP Canyon.

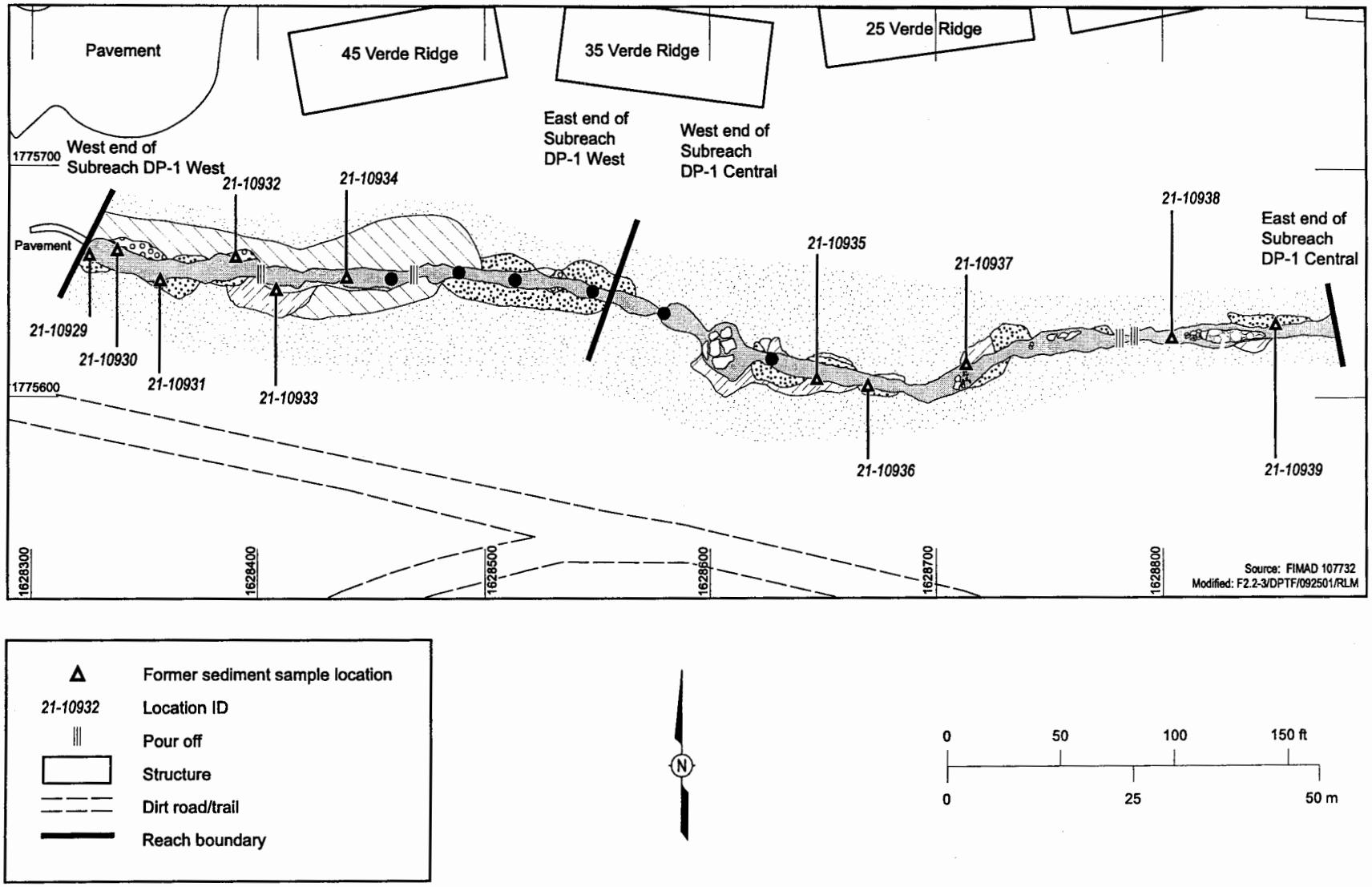


Figure 2.2-3. Subreaches DP-1 West and DP-1 Central geomorphology and sediment sample locations (information on geologic material can be found in the DP Canyon reach report [Environmental Restoration Project 1999, 63915])

During 2000 and 2001, the ER Project drilled, cored, and sampled 17 boreholes at PRS 21-029 and 26 hand-auger holes in DP Canyon to characterize the potential contaminant release and transport in the subsurface. Borehole logs and auger hole logs from the investigation provide detail on the stratigraphy below the site to a depth of approximately 100 ft and are included in Appendixes H and I. Detailed discussions of the stratigraphy and the geology of TA-21 are presented in Appendix B. The estimated depth to regional groundwater beneath PRS 21-029 is 1200 ft.

Abundant fractures extend through the upper units of the Bandelier Tuff, including the Tshirege Unit 3 ignimbrite (Qbt 3). 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 and Wohletz 1990, 9995; Wohletz 1995, 54404). It is probable that past tectonic activity on the Pajarito fault system and the Guaje Mountain Fault Zone (GMFZ) (Appendix B, Figure B-3.3-2) has also caused fracture development, reorientation, and extension (Wohletz 1995, 54404).

The GMFZ extends in a north-south direction through PRS 21-029. At this location, the fault zone is about 300 ft wide but produces no obvious offset or other surface expression in the Bandelier Tuff. Its presence is expressed in the form of a significant increase in fracture density (Wohletz 1996, 58846). The location of the West Fill Station coincides with the eastern edge of the GMFZ. Fractures in the eastern portion of the site (east of the West Fill Station) are largely unaffected by the fault zone (Wohletz 1995, 58845).

Average fracture spacing for the DP Tank Farm is about 5 ft but decreases to approximately 2 ft within the GMFZ. Most of the fractures have strikes between northwest and northeast, but some have nearly east-west strikes. The fractures range between nearly vertical and nearly horizontal, and the average dip is approximately 50° to the north. The average fracture aperture is approximately 0.5 cm, and apertures are not significantly different within the GMFZ, except at the West Fill Station where apertures average about 0.75 cm.

2.2.5 Cultural and Biological Resources

Pursuant to the National Historic Preservation Act of 1966 (amended), a cultural resource survey was conducted at TA-21 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.

No wetlands or floodplains exist near DP Tank Farm. The wildlife habitat in this area was assessed in the ecological surveys of TAs-1, -32, and -21 (Bennett 1996, 58236; Biggs 1993, 49730). The surveys show there are no threatened or endangered species (T&E) in the immediate vicinity. Upper Los Alamos Canyon was identified as roosting and foraging habitat for peregrine falcon and Mexican spotted owl. The Mexican spotted owl is a federally listed T&E species, but populations of the peregrine falcon have recovered sufficiently that it has recently been delisted as a T&E species. A memorandum released by the Laboratory Ecology Group (ESH-20) reviewed the possibility of habitat for T&E species at DP Tank Farm (Environmental Restoration Project 2001, 70941). This memorandum concludes that DP Canyon does not provide nesting habitat for the Mexican spotted owl, although these birds might be protectively assumed to forage near DP Tank Farm at medium frequency. The medium frequency of foraging is contingent, however, on nesting of the bird within Los Alamos Canyon, which although possible, has not yet been observed. Appendix B provides further information on biological resources in the area. The ecological scoping checklist completed for PRS 21-029 on August 30, 2001, is included in Appendix F.

3.0 INVESTIGATION ACTIVITIES

3.1 Summary

This section includes a brief summary of previous investigation results (Section 3.2), the preliminary conceptual model that guided the Phase II RFI field work (Section 3.3), deviations from and augmentations to the Phase II RFI work plan and the RSI response (Section 3.4.2), and a discussion of field activities and analytical results. The discussion of Phase II RFI field activities is organized by geographic area: the mesa top (PRS 21-029), the western seep area in DP Canyon, and the eastern seep area in DP Canyon (Section 3.4). A brief summary of fractures and geologic cross sections observed during the Phase II RFI are included in Section 3.4.3.1.3. A review of the Phase II RFI data is presented in Section 3.4.4, followed by a description of how the conceptual model for PRS 21-029 was revised based on data gathered during the Phase II RFI (Section 3.4.4.4).

3.2 Previous Investigations

Previous investigations at DP Tank Farm were completed during the following activities.

- Predecommissioning sampling and analysis activities (1984 and 1985)
- Decommissioning sampling and analysis activities (1988)
- Phase I RFI field investigation sampling and analysis activities (1994)
- UST investigation sampling and analysis activities (1995)
- voluntary corrective action (VCA) confirmatory sampling and analysis activities (1996)

Details of these investigations and the results from sampling at the western seep area and sediment and alluvial groundwater investigations in DP Canyon during 1998 and 1999 (Environmental Restoration Project 1999, 63915) are presented in the Phase II RFI work plan (Environmental Restoration Project 1998, 59976) and the RSI response (Environmental Restoration Project 1999, 64829). This section summarizes the results of the previous data collection activities. Figure 3.2-1 shows all sample locations from these investigations and those from the Phase II RFI.

Before and during the decommissioning of DP Tank Farm (1984–1988), petroleum-hydrocarbon-contaminated soils were observed around both fill stations (East and West) and tank 10 (diesel fuel tank). All visibly contaminated soils were removed during site decommissioning, and tank excavations were backfilled with fill that had covered the tanks and with clean soil from the earthen berm along the north edge of the site.

During the 1994 Phase I RFI, 11 boreholes were drilled at mesa-top locations in the area of the two fill stations and at the former locations of tanks 6, 10, and 13. The locations were specified in the RFI work plan because petroleum hydrocarbon contamination had been observed around the two fill stations and tank 10 during decommissioning and from confirmation samples from the former locations of tanks 6 and 13. The tanks reportedly stored leaded gasoline. The boreholes were drilled to depths ranging between 10 ft and 94 ft below ground surface (bgs). (Environmental Restoration Project 1996, 52270). Analytical results indicated that the only chemicals of potential concern (COPCs) at DP Tank Farm were associated with petroleum hydrocarbon products and confirmed the presence of petroleum hydrocarbon contamination in subsurface soils at the East and West Fill Stations. The release was reported to the NMED UST Bureau. The western seep area in the DP Canyon drainage directly north of the West Fill Station was also discovered during the 1994 Phase I RFI.

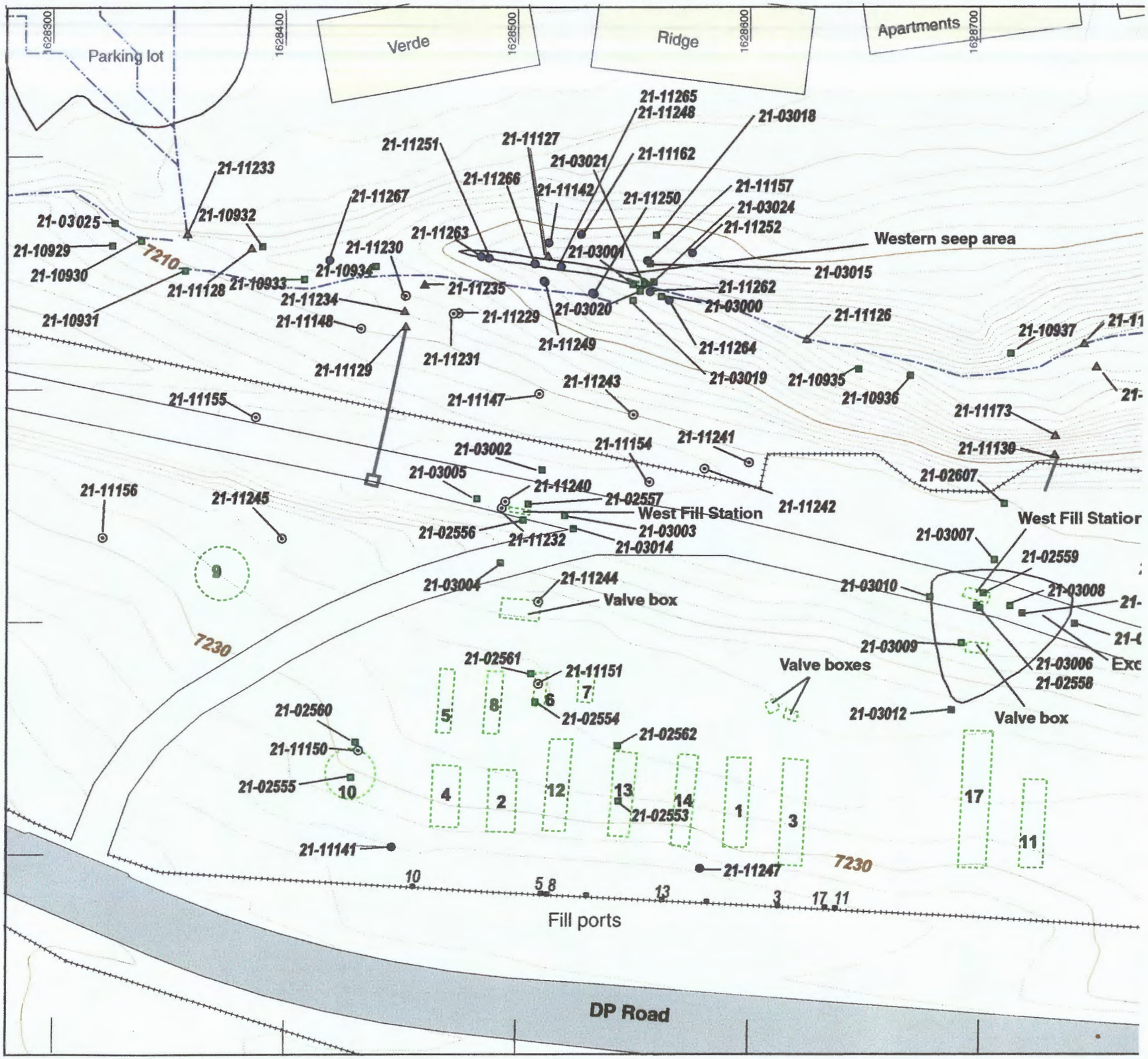
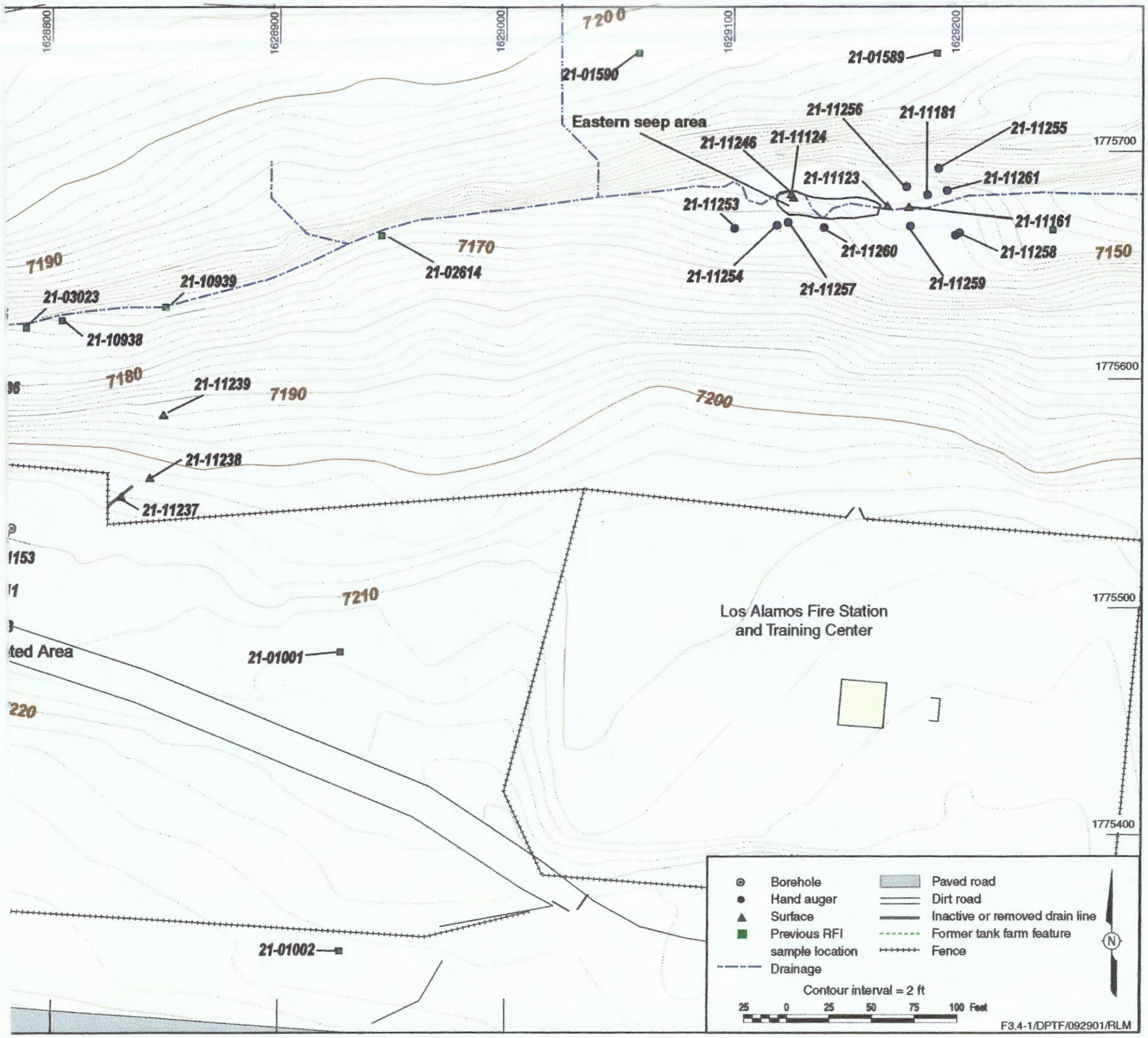


Figure 3.2-1. Sample locations from all investigations at DP Tank Farm and eastern and western seep areas


1628800
1628900
1629000
1629100
1629200
1775700
1775600
1775500
1775400
7200
7190
7180
7170
7150
7210
7220
21-01590
21-01589
Eastern seep area
21-11256
21-11181
21-11255
21-11246
21-11124
21-11123
21-11261
21-11253
21-11161
21-11260
21-11258
21-11254
21-11257
21-11259
21-02614
21-10939
21-03023
21-10938
21-11239
21-11238
21-11237
21-01001
21-01002
Los Alamos Fire Station
and Training Center
Borehole
Hand auger
Surface
Previous RFI
sample location
Drainage
Paved road
Dirt road
Inactive or removed drain line
Former tank farm feature
Fence
Contour interval = 2 ft
25 0 25 50 75 100 Feet
N
F3.4-1/DPTF/092901/RLM

The subsequent comparison of chromatographic peak patterns (known as fingerprinting) from analytical results for the 1994 samples from the western seep area and the West Fill Station indicated that the contamination detected in both locations consisted of diesel-range petroleum hydrocarbons.

During the 1995 UST investigation, 13 boreholes were drilled around both fill stations in an effort to define horizontal and vertical extent of the petroleum hydrocarbon contamination identified during the Phase I RFI. Analytical results indicated petroleum-related products at the East Fill Station at concentrations above the New Mexico Special Waste thresholds for benzene (10 parts per million [ppm]), benzene, toluene, ethylbenzene, and xylene (BTEX) (50 ppm), and total petroleum hydrocarbons (TPHs) (100 ppm) in several boreholes (confirming the presence of both diesel- and gasoline-range hydrocarbons). Only TPHs were detected above the New Mexico Special Waste threshold in two samples from a single borehole between 13 ft and 19 ft bgs at the West Fill Station. No contamination was detected in any of the surrounding boreholes, thereby defining extent at this location. As part of the 1995 UST investigation, surface water, surface sediment, and subsurface tuff samples were collected within the western seep area in DP Canyon and upstream and downstream of the western seep area within the stream channel. TPHs, consisting primarily of diesel-range organics (DROs), were only detected in the sediments collected at the actual location of the seep.

A VCA of the East Fill Station was performed in 1996 (Environmental Restoration Project 1998, 59976), resulting in the removal of 1720 yd^3 of petroleum-contaminated soil to a depth of approximately 30 ft. Cleanup levels at that time were based on New Mexico Special Waste criteria to eliminate the potential for special wastes being generated by future land owners or developers as a result of construction activities. Confirmation sample results showed that residual benzene concentrations were below the 1.0-ppm cleanup level, and BTEX concentrations were below the 500-ppm cleanup level; the 1000-ppm TPH cleanup level was met, with the exception of a maximum concentration of 6700 ppm in a fracture at a depth of 32 ft bgs.

A variety of fractures, including horizontal, high-angle, clay-lined, and low-angle fractures, were encountered in the majority of boreholes during previous investigations and the VCA at DP Tank Farm (the mesa top) in addition to disaggregated broken tuff and horizontal partings.

The eastern petroleum hydrocarbon seep area was identified during reconnaissance activities associated with DP Canyon investigations in March 2000. Subsequent fingerprint results confirmed the presence of petroleum hydrocarbons consisting of weathered diesel and gasoline-range organics (GROs).

3.3 Preliminary Conceptual Model

The preliminary conceptual model described the potential sources of contamination, the nature and possible extent of contamination, and potential contaminant transport mechanisms related to PRS 21-029 and the eastern and western seep areas. This model was developed based on field observations, analytical results from previous field investigations, and site environmental conditions. A detailed discussion of the preliminary conceptual model is provided in the Phase II RFI work plan (Environmental Restoration Project 1998, 59976).

Several potential sources of petroleum-related contamination exist or have existed in the watershed of upper DP Canyon. Of these potential sources, PRS 21-029 was identified as the most likely source of contamination for the hydrocarbon seep areas in DP Canyon. In particular, the petroleum hydrocarbon contamination associated with the East Fill Station was addressed during a VCA in 1996 (Environmental Restoration Project 1998, 59976). At that time, fractures containing petroleum hydrocarbons were observed throughout the excavation depth (approximately 30 ft bgs).

Subsurface migration of free petroleum product was considered to be the most likely mechanism by which petroleum-related products could have been introduced in bulk into DP Canyon. Fractures in the tuff beneath the former location of the tank farm show a predominant northwest to northeast strike and a northward dip. A surface or near-surface petroleum-related product release infiltrating the tuff would likely migrate to the north along fractures toward the drainage at the bottom of DP Canyon.

The predominant nature of the contamination at PRS 21-029 and in DP Canyon in the area of the two seeps was petroleum related. Contaminants in sediment and tuff samples collected from auger holes in the hydrocarbon seep areas were classified as weathered diesel (in contrast to the 1998 canyon sediment samples from reach DP-1 that contained heavy fuel or lubricating oil). The chromatograms of samples from the fill stations clearly identified diesel as the primary petroleum-related hydrocarbon present at these locations.

Before the Phase II RFI, the full extent of contamination was not well established at PRS 21-029 (DP Tank Farm) or in DP Canyon. Previous sampling was limited to PRS 21-029 and the western seep area in DP Canyon. Additional information was required to describe how DP Tank Farm and the hydrocarbon seep areas in DP Canyon interact. The extent of subsurface petroleum hydrocarbon contamination associated with the two seep areas in DP Canyon required additional characterization. Data gaps also needed to be addressed to define the extent of petroleum hydrocarbon and inorganic chemical contamination in surface and subsurface media at potentially affected, but previously unsampled, locations at PRS 21-029.

3.4 Field Investigation and Data Review

3.4.1 Summary

From January 1946 to February 1985, DP Tank Farm was the primary fueling station supporting Laboratory operations. Structures included fuel tanks, fill ports, valve boxes, and the East and West Fill Stations, and site access roads all bounded by an earthen berm along the rim of DP Canyon on the north end of the site. The tank farm and two related petroleum hydrocarbon seep areas (western and eastern) in DP Canyon are being addressed under RCRA corrective action and NMED UST standards.

The data collected during the Phase II RFI at PRS 21-029 were used to

- fill data gaps remaining after the Phase I RFI, UST investigation, and VCA conducted at the site;
- confirm that no bulk sources of contamination or subsurface structures remain at the site;
- determine the source and transport mechanism for the western and eastern petroleum hydrocarbon seeps; and
- ensure that the residual hydrocarbon contamination in the subsurface beneath the mesa top poses no unacceptable risk to human health or the environment.

The Laboratory ER Project conducted the Phase II RFI at PRS 21-029 and in DP Canyon north of the PRS from April 2000 to July 2001. Pursuant to the Phase II RFI work plan and subsequent RSI response (Environmental Restoration Project 1998, 59976; Environmental Restoration Project 1999, 64829), 27 sediment samples, 121 hand-auger samples, and 351 core samples were collected to characterize the area of PRS 21-029 and the two hydrocarbon seep areas in DP Canyon. All Phase II RFI sample locations are presented in Figure 3.4-1. A total of 179 samples were submitted to an off-site contract laboratory for analysis. The total of the numbers above includes all samples that were field screened by immunoassay field testing. The analytical suite included TPHs; semivolatile organic compounds (SVOCs); total lead; and BTEX. Additionally, the sample collected at depth from the bottom of the borehole located

at the West Fill Station was analyzed for americium-241, cobalt-60, cesium-134, cesium-137, tritium, and uranium-235.

The Phase II RFI focused on determining the source of the petroleum hydrocarbon contamination in DP Canyon, determining the nature and extent of the contamination, and developing/revising the conceptual model for fate and transport. Weathered diesel and gasoline petroleum hydrocarbons were identified as the COPCs at this site, based on fingerprint results comparing chemical characteristics of analytical data from the two petroleum hydrocarbon seep areas (Environmental Restoration Project 1998, 59976; Environmental Restoration Project 1999, 64829). To determine the source of the contamination, field investigation activities were started in DP Canyon and worked back towards the source area. To identify COPCs and the extent of contamination, data of sufficient quality were compared with applicable thresholds (i.e., background values for lead, background values for radionuclides, and UST Bureau cleanup levels for organic chemicals). If sample data were above background or fallout concentrations for inorganic chemicals and radionuclides or related to a release for organic chemicals, the analytes were retained as COPCs and evaluated further.

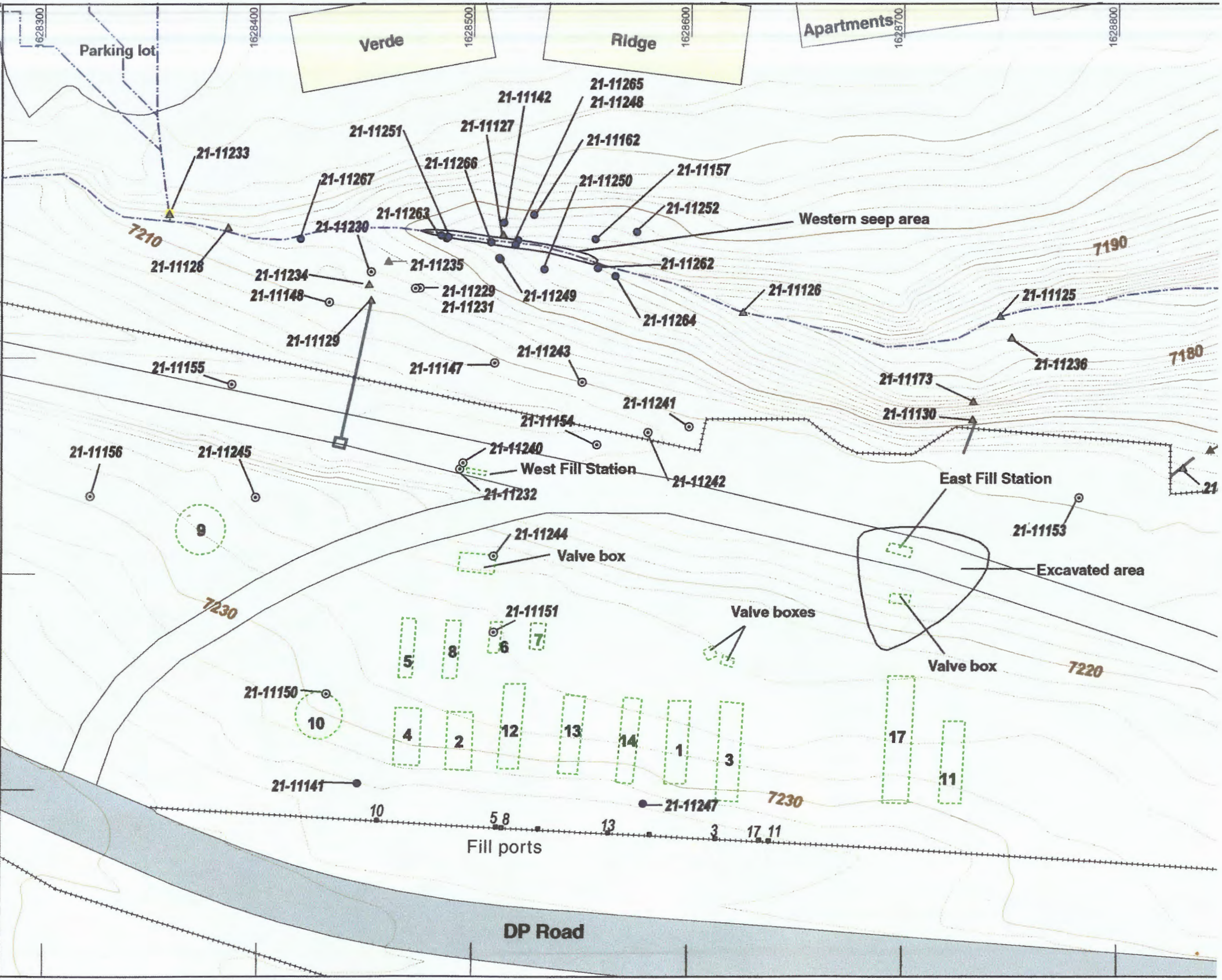
Review of data from the field investigations indicate that the data were of sufficient quality and quantity to support the following statements:

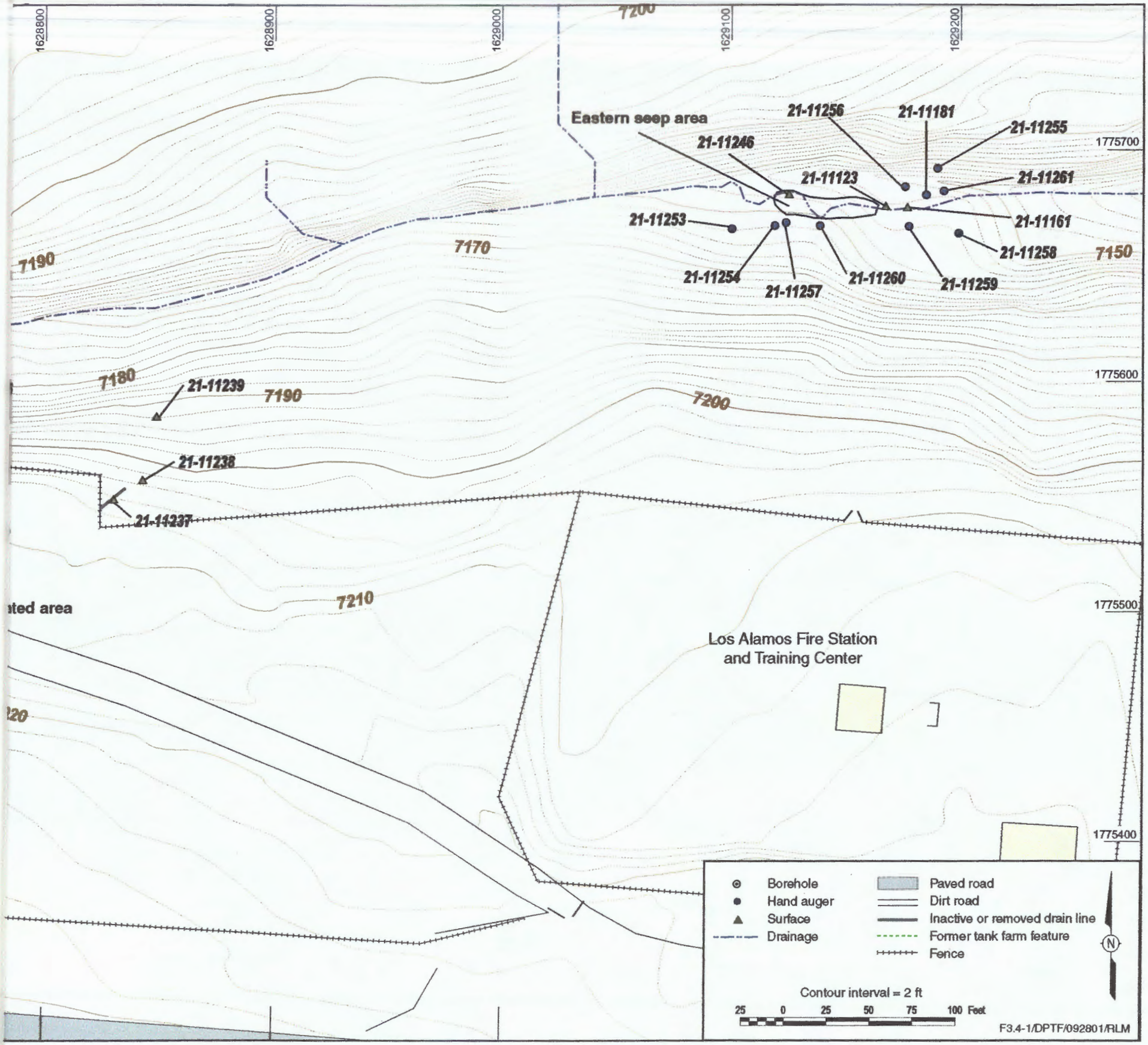
- Previous findings, which identified weathered diesel as the primary classification of the petroleum hydrocarbon contamination present in the mesa-top subsurface and at the Western and Eastern Seep Investigation Areas, were confirmed. GROs were primarily detected in sediment/tuff samples from the eastern seep area.
- Lead was identified above its background values within all three investigation areas.
- No bulk sources of contamination or subsurface structures remain at the site.
- DP Tank Farm is the source of the western and eastern petroleum hydrocarbon seeps.
- Residual hydrocarbon contamination in the subsurface beneath the mesa top poses no unacceptable risk to human health or the environment.

This Phase II RFI report focuses on the potential present-day risks posed to human and ecological receptors located at PRS 21-029. The cumulative risk from all potential sources of contamination in DP Canyon will be evaluated in a future watershed report for the upper DP Canyon aggregate, as identified in the approved installation work plan (LANL 1998, 62060; Bertino 2001, 70120).

3.4.2 Deviations from and Augmentation to the Phase II RFI Work Plan and the RSI Response

There were numerous deviations and omissions from the approved Phase II RFI work plan and the RSI response during the Phase II RFI fieldwork conducted during the summer and fall of 2000. A detailed description of the deviations was provided to NMED in a letter (LANL 2001, 64952) dated February 1, 2001, and at a subsequent meeting on April 11, 2001. As a result of these deviations, it was necessary to repeat a significant portion of the field investigation work during the spring and summer of 2001 (Bearzi 2001, 69919; Bearzi 2001, 70768). Resampling was required at 6 sediment sample locations, 18 auger-hole locations, and 8 borehole locations. In addition, two sediment samples were collected (downgradient of the previous sample locations) in the drainage channels from the westernmost and middle storm drain pipes in the western seep area. The sample summary table in Appendix K distinguishes between and cross-references sample locations from the Phase II RFI 2000 fieldwork and those from the 2001 fieldwork. The following is a summary of deviations that occurred during the 2000 field activities.


Parking lot
Verde
Ridge
Apartments
1628300
1628400
1628500
1628600
1628700
1628800
21-11233
21-11128
21-11267
21-11230
21-11263
21-11251
21-11266
21-11127
21-11142
21-11265
21-11248
21-11162
21-11250
21-11157
21-11252
Western seep area
21-11262
21-11264
21-11249
21-11229
21-11231
21-11235
21-11234
21-11148
21-11129
21-11126
21-11125
21-11236
21-11173
21-11130
21-11243
21-11147
21-11155
21-11241
21-11154
21-11240
West Fill Station
21-11242
21-11232
21-11156
21-11245
East Fill Station
21-11153
Excavated area
Valve box
21-11244
Valve box
Valve boxes
21-11151
21-11150
21-11141
21-11247
7210
7190
7180
7230
7220
7230
9
5
8
6
7
10
4
2
12
13
14
1
3
17
11
10
5 8
13
3
17 11
Fill ports
DP Road


1628800
1628900
1629000
1629100
1629200
7200
Eastern seep area
21-11256
21-11181
21-11255
21-11246
1775700
21-11123
21-11261
21-11253
21-11161
7170
7190
21-11258
7150
21-11254
21-11257
21-11260
21-11259
1775600
7180
21-11239
7190
7200
21-11238
21-11237
ted area
7210
1775500
Los Alamos Fire Station
and Training Center
20
1775400
Borehole
Hand auger
Surface
Drainage
Paved road
Dirt road
Inactive or removed drain line
Former tank farm feature
Fence
N
Contour interval = 2 ft
25 0 25 50 75 100 Feet
F3.4-1/DPTF/092801/RLM

- At least one field duplicate sample was to be collected for each sampling method (e.g., spade/scoop, hand auger, borehole) used. Also, at least one field duplicate sample was to be collected for each 20 samples collected. No QC samples were collected during the 2000 fieldwork.
- Field documentation requirements were to include (1) descriptions of visual and olfactory observations for each sample, (2) photographs of sample locations and corresponding samples, (3) descriptions of surface fractures and fractures encountered during sample collection, (4) subsurface geologic descriptions and borehole logs for auger holes and boreholes, (5) radiation screening, (6) field instrument calibration logs, and (7) thorough daily field logs. For a majority of the sample locations, the required field documentation was not collected. This documentation was collected, where missing, from every sample location during the 2001 field effort.
- Analytical data samples collected from 10 locations during 2000 did not meet quality requirements and were rejected. These errors were attributed to the off-site fixed laboratories conducting the analyses; therefore, the 10 locations were resampled during 2001.
- Samples were to be collected from a hand-auger hole in the vicinity of a geophysical survey anomaly near fill port 13. The samples were not located correctly; therefore, samples were collected from a new auger hole at the correct location during 2001.
- A borehole was to be located in the area of the western valve box. The borehole was not located correctly; therefore, during the 2001 fieldwork, samples were collected from a borehole advanced at the correct location directly north of the western valve box.
- Surface samples were to be collected from the drainage below the former location of the easternmost storm drain. These samples were collected from the wrong location; therefore, sediment samples were collected from three locations in the correct drainage below the easternmost storm drain during 2001.
- Gamma spectroscopy for cesium-137 was not requested for the six sediment samples (locations 21-11123 through 21-11128) collected during 2000 from the DP Canyon stream channel to fill data gaps in the DP reach report (Environmental Restoration Project 1999, 63915). The sediment sample collected from location 21-11246 during 2001 was analyzed for the full suite specified in the RSI response (Environmental Restoration Project 1999, 64829).

A number of deviations were implemented during the 2001 fieldwork. The majority of the deviations involved clarification and/or augmentation of existing requirements to enhance the quality of the investigative activities. They included the following:

- Before initiation of the 2001 Phase II RFI fieldwork, NMED agreed with the requested deviation to exclude Stoddard solvent, kerosene, and ethanol from the analytical suite (Bearzi 2001, 70768). The principal approved analytical method (EPA SW 8015) for determining levels of TPHs with determination options for DROs and GROs will result in a positive detection if Stoddard solvent, kerosene, or ethanol is present in a given sample (Canepa and Taylor 2001, 69869).
- At least two samples were to be collected from each borehole, at least one sample was to be collected from each auger hole, and each 5-ft sampling interval was to be screened during hand-augering activities. These criteria were modified as follows: at least three samples were to be collected from each borehole, at least two samples were to be collected from each auger hole less than 10 ft in depth, at least three samples were to be collected from each auger hole greater than 10 ft in depth, and the hand-auger screening interval was reduced to 2 ft (Section 3.4.3.1.2). The minimum number of samples for boreholes and auger holes was increased because actual

sampling depths were deeper than originally anticipated. The hand-auger sampling interval was reduced to ensure collection of critical data.

- The Phase II RFI work plan and approved RSI response stated that boreholes and auger holes advanced on the mesa top and along the southern edge and side of DP Canyon and within the stream channel were to be advanced to a depth equal to the depth of the canyon bottom/western seep area or until field screening indicated contamination was no longer present. More specific criteria were added to the 2001 sample collection requirements for determining the absence of contamination and to clarify when to stop drilling (i.e., stopping criteria). For hand-auger holes, the stopping point was determined when samples collected from two consecutive 2-ft intervals had no positive field-screening or immunoassay results. The stopping point for boreholes was determined when samples from two consecutive 5-ft intervals had no positive field-screening or immunoassay results and the Qbt 3/Qbt 2 contact was encountered. Details of this augmentation are described in Section 3.4.3.1.2.
- Because of unusually high runoff levels in DP Canyon during the spring and summer of 2001, saturated zones in the tuff in the DP Canyon stream channel were commonly encountered. Because of the limited time period available to complete the resampling, a procedure was developed for collecting samples from hand-auger holes in these areas. This procedure is described in detail in Section 3.4.3.1.2.

3.4.3 Phase II Field Investigation

3.4.3.1 Mesa Top

3.4.3.1.1 Geophysical Survey of Mesa Top

To confirm that no subsurface structures remain at the site, a magnetometer survey covering the locations of all known tanks, fill stations, fill ports, and valve boxes at DP Tank Farm (mesa top) was conducted before Phase II RFI fieldwork was initiated during April 2000. Ten survey lines at 20-ft intervals were staked out using a Brunton compass and tape. Each line was 400 ft long and ran due east to west. It was determined in the field that both the southernmost, where the fill ports were located, and northernmost survey lines were affected by strong interference from the chainlink fences; those lines were not surveyed. The survey, therefore, included eight east-west survey lines across the site (Figure 3.4-2).

Survey data were recorded in the field with a portable data logger and later downloaded to a PC. The data were then plotted on a site map and compared with previously mapped locations of DP Tank Farm structures. On Figure 3.4-2, sample 21-11247 is at the identical location of the anomaly surveyed at the southeast portion of the site.

Survey results within the range of 50,000 to 52,000 gammas (1 gamma = 1 nanotesla = 10^{-5} gauss) are considered normal; this range corresponds to the approximate range of earth's normal magnetic field for this latitude. Results above 52,000 or below 50,000 gammas are considered anomalous and are marked on Figure 3.4-2.

Survey results indicate the presence of 11 anomalous features, with one additional anomaly that probably resulted from interference from the fence at the southwest corner of the surveyed area. High and low anomalies (Figure 3.4-2) indicate the potential presence of buried ferromagnetic objects, i.e., iron or steel. Such buried objects are generally manifested as a combination of high and low values, depending on the shape of the object and the direction of movement of the magnetometer.

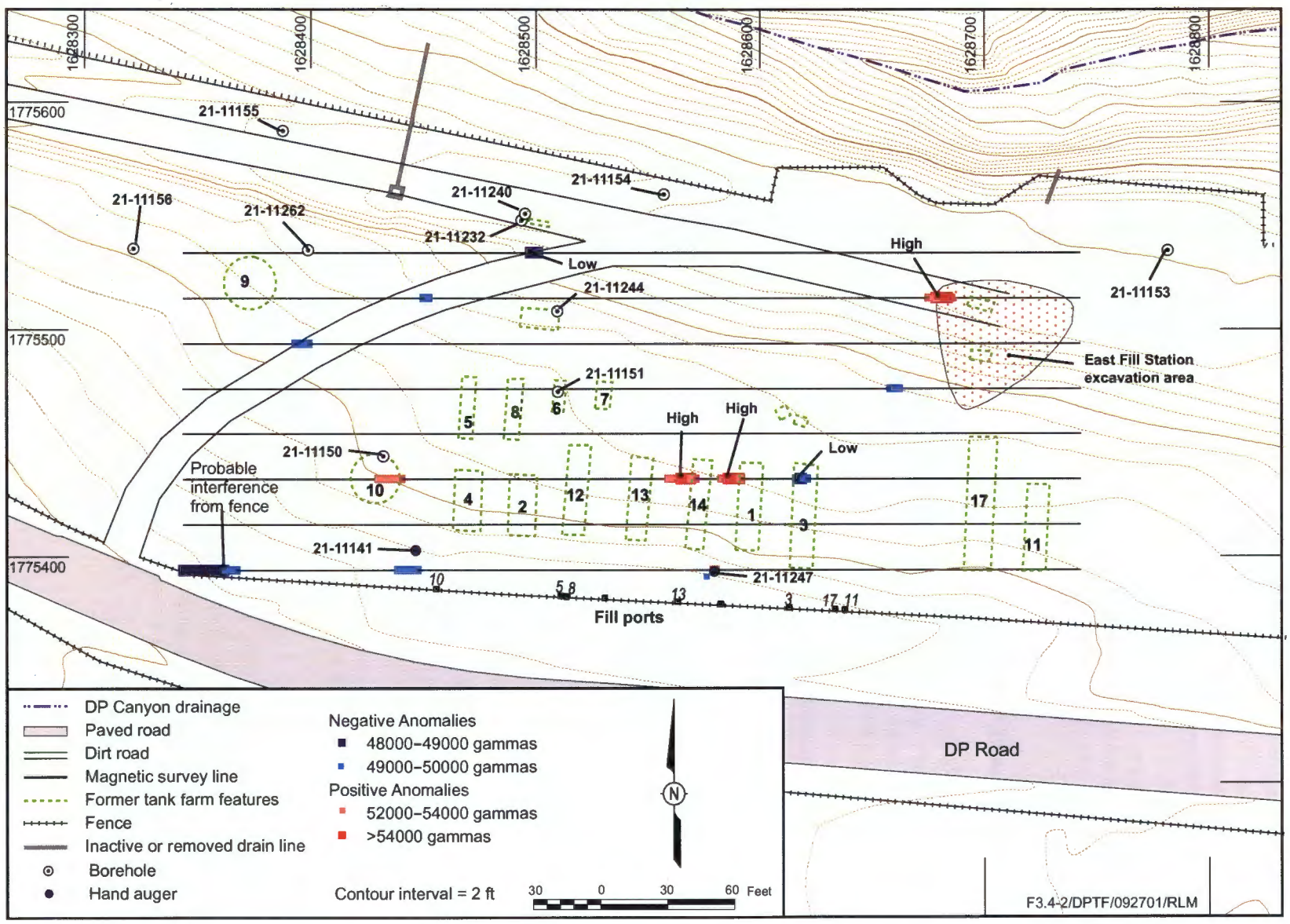


Figure 3.4-2. Locations of geophysical survey lines, anomalies, and former structures at DP Tank Farm, PRS 21-029

The majority of the detected anomalies correspond to former locations of fuel storage tanks and fuel lines from fill ports to tanks and from tank valve boxes and fill stations. In addition, the anomalies detected along the eastern side of the site correspond to the reported former location of a storm drain designed to channel stormwater away from DP Road. Portions of this drain line were removed during the 1996 VCA (Environmental Restoration Project 1996, 59976); the discharge end of the drain line still protrudes north of the site on the north-facing slope of DP Canyon. The detected anomalies clearly show that all subsurface structures, i.e., USTs, have been removed. Survey results indicate that sections of pipe may remain after all related structures were dismantled on site during decommissioning activities in 1988. Phase II RFI samples collected from locations near several of the anomalies did not detect any contamination.

3.4.3.1.2 Sampling Activities

The Phase II RFI of PRS 21-029 included drilling and sampling two hand-augered locations and nine borehole locations. Field-screening results, sampling details, rationale for collecting the samples for fixed-laboratory analyses, purpose of locations, and descriptions of sample locations are presented in Appendix K. All Phase II mesa-top sample locations are illustrated in Figure 3.4-3.

Hand-Augered Sample Locations

Two sample locations adjacent to and directly north of fill ports 10 and 13 (Figure 3.4-3) were selected to complete the determination of extent of contamination along the southern site boundary and to investigate the nature of anomalies detected during the geophysical survey (Section 3.4.3.1.1). Sample location 21-11141 was positioned northwest of fill port 10, and sample location 21-11247 was positioned northeast of fill port 13 at the identical (overlapping) location of a detected anomaly. Hand-auger borehole logs are included in Appendix I.

Samples from hand-augered locations were collected in accordance with Laboratory ER-SOP-6.10, Rev. 1, "Hand Auger and Thin-Wall Tube Sampler." No problems were encountered during hand-augering activities on the mesa top. The criteria followed for the collection of all samples from hand-auger holes during the Phase II RFI are listed below.

- A minimum of two samples were collected and submitted for off-site fixed-laboratory analysis from each hand-augered location less than 10 ft in total depth. One of the two samples was designated as a confirmation sample collected from the bottom of the auger hole.
- The sample material was screened for visual variations in the sediment and tuff for petroleum hydrocarbon odors detected with olfactory senses, for volatile organic compounds (VOCs) with a photoionization detector (PID), for gross alpha with a Ludlum 139 radiation meter, and for gross beta/gamma with an ESP 1 radiation meter with an HP 260 pancake probe. (Field screening for radioactivity was not done for samples collected during the 2000 field activities.)
- Photographs were taken of each sample location and the core from the corresponding auger hole. Representative photographs of subsurface features are presented in Appendix J. Additional photographs of the Phase II RFI are available for review upon request.
- As described in Section 3.4.2, the 5-ft sample interval specified in the Phase II RFI work plan and RSI response was decreased to a 2-ft interval for the 2001 samples to ensure collection of critical data.

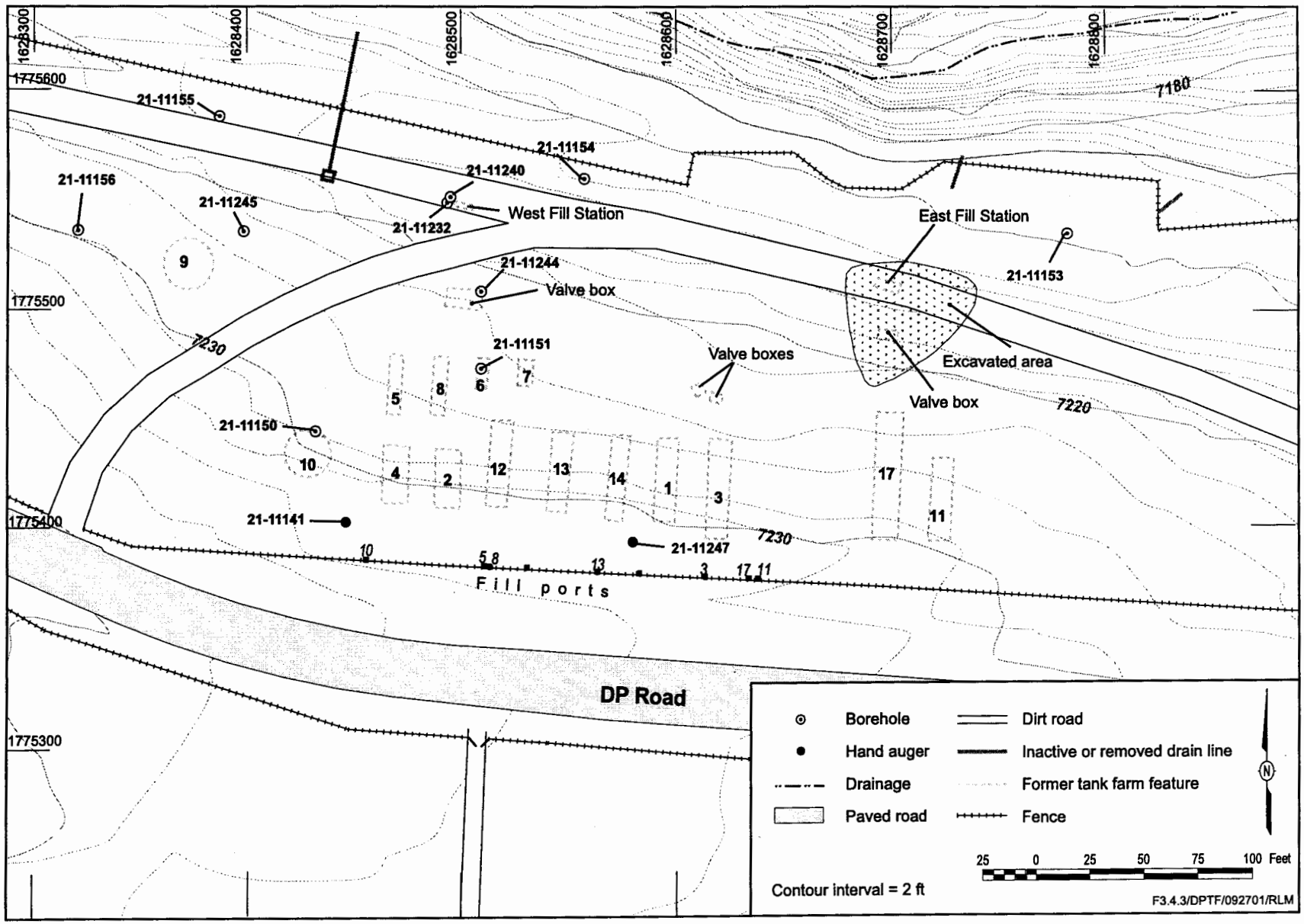


Figure 3.4-3. Mesa-top sampling locations for the Phase II RFI at DP Tank Farm, PRS 21-029

- Field screening by immunoassay tests for TPHs (Ensys Petro Soil Test Kit, EPA Method 4030) was conducted on at least one sample from every 2-ft interval of core from each hand-augered location. The immunoassay screening results were used to determine the selection of samples for off-site fixed-laboratory analysis and to assist in determining the stopping point for the auger hole. Two immunoassay tests (detection limits of 40 ppm and 160 ppm) were conducted on every sample collected from each location. All screening results are presented in Appendix K.
- If more than one fracture was visually identified or more than one area of contamination was identified (by visual or olfactory observation and/or any field-screening method) within the 2-ft interval, then samples were collected from each area.
- All fracture samples with positive immunoassay test results were submitted for off-site fixed-laboratory analysis.
- When samples from two consecutive 2-ft intervals had no positive immunoassay results, the auger hole was ended, and the confirmation sample was collected.
- Twenty percent of the samples with positive immunoassay test results from each sample location were submitted for off-site fixed-laboratory analyses.
- At least 1 field duplicate QC sample was collected for every 20 samples collected for off-site fixed-laboratory analysis.
- Samples collected for analysis were taken to American Radiation Services (ARS) for gross radiological screening before shipment to an off-site laboratory.
- The analytical suite for all mesa-top hand-auger samples submitted for off-site laboratory analyses included VOCs, SVOCs, TPHs (gasoline and diesel ranges), and total lead. Table 3.4-1 lists all the sample locations and sample numbers, sample depths, media sampled, analyses requested, and the request numbers for each auger hole for PRS 21-029 (mesa top).

Borehole Sample Locations

In accordance with the RSI response (Environmental Restoration Project 1999, 64829), boreholes were drilled adjacent to the former locations of the west valve box (location 21-11244), tank 6 (location 21-11151), tank 9 (location 21-11245), and tank 10 (location 21-11150), the West Fill Station (locations 21-11232 and 21-11240), and northeast of the East Fill Station (location 21-11153). With concurrence from NMED Hazardous Waste Bureau, the three additional boreholes drilled and sampled to confirm the extent of contamination include location 21-11156 west of tank 9, location 21-11154 northeast of the West Fill Station, and location 21-11155 north of tank 9 (Figure 3.4-3).

The mesa-top boreholes were drilled using a CME-750 hollow-stem auger drill rig, and samples were collected using a wire line to retrieve 4.0-in. stainless steel split-spoon core sample barrels in accordance with Laboratory ER-SOP-6.26, Rev. 1, "Core Barrel Sampling for Subsurface Earth Material." The criteria followed for the collection of samples from boreholes are listed below.

- In accordance with the RSI response, a minimum of two samples were collected and submitted for off-site fixed-laboratory analysis from each borehole location. One of the two samples was designated as a confirmatory sample collected from the bottom of the borehole. This criterion was adhered to for borehole samples collected during the 2000 field effort.
- During 2001 activities, the minimum number of samples to be collected for off-site fixed-laboratory analysis from each borehole was increased to three to ensure the collection of critical data. One of the three samples was designated as a confirmatory sample and was collected from the bottom of the borehole.

Table 3.4-1
PRS 21-029 (Mesa-Top Area) Samples Collected for Off-Site Fixed-Laboratory Analysis

Sample ID	Location ID	Depth (ft)	Sample Media	Lead	UST SVOCs	TPH DROs	TPH GROs	UST VOCs	Americium-241	Cesium-134	Cesium-137	Cobalt-60	Tritium	Uranium-235
MD21-00-0061	21-11141	0–1	Fill	7058R	7056R	7056R	7056R	7056R	—*	—	—	—	—	—
MD21-00-0062	21-11141	4–5	Fill	7058R	7056R	7056R	7056R	7056R	—	—	—	—	—	—
MD21-00-0101	21-11150	64–65	Qbt 3	7202R	7200R	7200R	7200R	7200R	—	—	—	—	—	—
MD21-00-0102	21-11150	107.5–108.5	Qbt 2	7202R	7200R	7200R	7200R	7200R	—	—	—	—	—	—
MD21-00-0103	21-11151	24–25	Qbt 3	7231R	7229R	7229R	7229R	7229R	—	—	—	—	—	—
MD21-00-0104	21-11151	95.6–96	Qbt 3	7231R	7229R	7229R	7229R	7229R	—	—	—	—	—	—
MD21-00-0105	21-11151	105–105.5	Qbt 3	7231R	7229R	7229R	7229R	7229R	—	—	—	—	—	—
MD21-00-0106	21-11151	105.5–106.5	Qbt 3	7231R	7229R	7229R	7229R	7229R	—	—	—	—	—	—
MD21-00-0109	21-11153	49–50	Qbt 3	7243R	7241R	7241R	7241R	7241R	—	—	—	—	—	—
MD21-00-0110	21-11153	94–95	Qbt 3	7243R	7241R	7241R	7241R	7241R	—	—	—	—	—	—
MD21-00-0111	21-11154	49–50	Qbt 3	7243R	7241R	7241R	7241R	7241R	—	—	—	—	—	—
MD21-00-0112	21-11154	92.5–93	Qbt 2	7243R	7241R	7241R	7241R	7241R	—	—	—	—	—	—
MD21-00-0113	21-11155	54–55	Qbt 3	7247R	7245R	7245R	7245R	7245R	—	—	—	—	—	—
MD21-00-0114	21-11155	87.5–90	Qbt 3	7247R	7245R	7245R	7245R	7245R	—	—	—	—	—	—
MD21-00-0115	21-11156	9–10	Qbt 3	7257R	7255R	7255R	7255R	7255R	—	—	—	—	—	—
MD21-00-0116	21-11156	60–61	Qbt 3	7257R	7255R	7255R	7255R	7255R	—	—	—	—	—	—
MD21-00-0117	21-11156	99–100	Qbt 3	7257R	7255R	7255R	7255R	7255R	—	—	—	—	—	—
MD21-01-0108	21-11232	6.3–6.6	Qbt 3	8817R	8816R	8816R	8816R	8816R	—	—	—	—	—	—
MD21-01-0109	21-11232	10–11	Qbt 3	8817R	8816R	8816R	8816R	8816R	—	—	—	—	—	—
MD21-01-0112	21-11232	21.7–22.5	Qbt 3	8817R	8816R	8816R	8816R	8816R	—	—	—	—	—	—
MD21-01-0113	21-11240	46.7–47	Qbt 3	8863R	8862R	8862R	8862R	8862R	—	—	—	—	—	—
MD21-01-0114	21-11240	86.3–87.5	Qbt 3	8863R	8862R	8862R	8862R	8862R	—	—	—	—	—	—
MD21-01-0078	21-11240	93–94	Qbt 3	8860R	8859R	8859R	8859R	8859R	8861R	8861R	—	—	8861R	8861R

Table 3.4-1 (continued)

Sample ID	Location ID	Depth (ft)	Sample Media	Lead	UST SVOCs	TPH DROs	TPH GROs	UST VOCs	Americium-241	Cesium-134	Cesium-137	Cobalt-60	Tritium	Uranium-235
MD21-01-0079	21-11240	93–94	Qbt 3	8860R	8859R	8859R	8859R	8859R	8861R	8861R	—	—	8861R	8861R
MD21-01-0126	21-11244	9–10	Fill	8881R	8880R	8880R	8880R	8880R	—	—	—	—	—	—
MD21-01-0128	21-11244	39–40	Qbt 3	8888R	8887R	8887R	8887R	8887R	—	—	—	—	—	—
MD21-01-0127	21-11244	104–104.5	Qbt 2	8881R	8880R	8880R	8880R	8880R	—	—	—	—	—	—
MD21-01-0129	21-11245	34–35	Qbt 3	8888R	8887R	8887R	8887R	8887R	—	—	—	—	—	—
MD21-01-0130	21-11245	64–65	Qbt 3	8901R	8900R	8900R	8900R	8900R	—	—	—	—	—	—
MD21-01-0131	21-11245	69–70	Qbt 3	8901R	8900R	8900R	8900R	8900R	—	—	—	—	—	—
MD21-01-0132	21-11245	79–80	Qbt 3	8901R	8900R	8900R	8900R	8900R	—	—	—	—	—	—
MD21-01-0133	21-11245	84–85	Qbt 3	8901R	8900R	8900R	8900R	8900R	—	—	—	—	—	—
MD21-01-0134	21-11245	89–90	Qbt 3	8901R	8900R	8900R	8900R	8900R	—	—	—	—	—	—
MD21-01-0135	21-11245	103–104	Qbt 3	8901R	8900R	8900R	8900R	8900R	—	—	—	—	—	—
MD21-01-0136	21-11245	103–104	Qbt 3	8901R	8900R	8900R	8900R	8900R	—	—	—	—	—	—
MD21-01-0140	21-11247	1.5–2	Fill	8932R	8931R	8931R	8931R	8931R	—	—	—	—	—	—
MD21-01-0141	21-11247	5.5–6	Fill	8932R	8931R	8931R	8931R	8931R	—	—	—	—	—	—

* A dash indicates that the sample was not analyzed for that compound.

- Core from the 2001 drilling activities was photographed and curated according to Laboratory ER-SOP-12.01, Rev. 4, "Field Logging, Handling, and Documentation of Borehole Materials." Representative photographs of subsurface features are presented in Appendix J; additional photographs of the Phase II RFI are available for review upon request. The curated core is available for examination at the Laboratory's ER Project Field Support Facility in accordance with Laboratory ER-SOP-12.05, Rev. 1, "Examination of Samples at the SMF." Core from the 2000 drilling activities was not photographed or curated.
- Geologic information collected from each core sample was documented on borehole logs and included sample location and number, stratigraphic unit within the Tshirege Member of the Bandelier Tuff, presence of fractures, and lithologic descriptions. Borehole logs are provided in Appendix H.
- Core was screened for visual variations in the tuff, for petroleum hydrocarbon odors detected with olfactory senses, for VOCs with a PID, for gross alpha with a Ludlum 139 radiation meter, and for gross beta/gamma with an ESP 1 radiation meter with an HP 260 pancake probe. (Field screening for radioactivity was not done for samples collected during the 2000 field activities.)
- Field screening by immunoassay tests for TPHs was conducted on at least one sample from every 5-ft interval of core from each borehole location. The immunoassay screening results were used to guide in the selection of samples for off-site fixed-laboratory analysis and to assist in determining the stopping criteria for the borehole. Two immunoassay tests (detection limits of 40 ppm and 160 ppm) were conducted on every sample collected from each location. All screening results are presented in Appendix K.
- If more than one fracture was visually identified or more than one area of contamination was identified (by visual or olfactory observation and/or the PID) within the 5-ft interval, then samples were collected from each area.
- All fracture samples with positive immunoassay test results were submitted for off-site fixed-laboratory analysis.
- When samples from two consecutive 5-ft intervals had no positive immunoassay results and the Qbt 3/Qbt 2 contact was encountered, the borehole was ended, and the confirmation sample was collected.
- Twenty percent of the samples with positive immunoassay test results from each sample location, with the exception of positive results relative to fractures, were submitted for off-site fixed-laboratory analysis.
- At least one field duplicate QC sample was collected for every 20 samples collected for off-site fixed-laboratory analysis.
- Samples identified for analysis were taken to ARS for gross radiological screening before shipment to an off-site laboratory.
- The analytical suite for all borehole samples from the mesa top collected for off-site fixed-laboratory analysis included UST VOCs, UST SVOCs, TPHs (gasoline and diesel ranges), and total lead. In accordance with the RSI response (Environmental Restoration Project 1999, 64829), the confirmation sample from the bottom of the borehole adjacent to the former location of the West Fill Station was also analyzed for radionuclides (americium-241, cobalt-60, cesium-134, cesium-137, uranium-235, and tritium). Table 3.4-1 lists all the sample locations and sample numbers, sample depths, media sampled, analyses requested, and the request numbers for each borehole within the PRS boundary (mesa top).

3.4.3.1.3 Fracture Maps and Geologic Cross Sections

The Phase II RFI field effort included remapping the fractures exposed within the old east-west road cut. In addition, field geologists mapped fractures exposed in tuff outcrops and subcrops within the DP Canyon stream channel in both the Western and Eastern Seep Investigation Areas. The mapping of fractures within the stream channel was done to broaden the scope of Wohletz's study (Wohletz 1995, 54404) and to support the role of fractures as potential transport mechanisms for hydrocarbon migration from the tank farm to the western and eastern seep areas identified in DP Canyon. Results of this study are included in Appendix B, Section B-3.0. Fracture maps and geologic cross sections are included in Appendix L.

3.4.3.2 DP Canyon, Western Seep Investigation Area

3.4.3.2.1 Sampling Activities

The Phase II RFI of the Western Seep Investigation Area in DP Canyon included the collection of 12 sediment samples and one tuff sample and the drilling and sampling of 14 hand-augered locations and 8 borehole locations. Field-screening results, sampling details, rationale for collecting the samples for fixed-laboratory analyses, purpose of locations, and descriptions of sample locations are presented in Appendix K. All western seep area sample locations are illustrated in Figure 3.4-4. Table 3.4-2 lists the samples collected from the Western Seep Investigation Area for off-site fixed-laboratory analysis.

In accordance with the RSI response, sediment samples were collected from the following locations:

- one upgradient background sample (location 21-11233) below the parking area of Verde Ridge Apartments;
- four samples (locations 21-11125, 21-11126, 21-11127, and 21-11128) from locations within the DP Canyon stream channel (to supplement the DP reach report);
- three locations from the westernmost storm drain outfall (locations 21-11129, 21-11234, and 21-11235) which historically collected and discharged storm water from the DP Tank Farm perimeter road;
- three locations from the middle storm drain outfall (locations 21-11130, 21-11173 (tuff sample), and 21-11236), which historically collected and discharged storm water runoff from DP Road; and
- three locations (21-11237, 21-11238, and 21-11239) from the easternmost storm drain outfall, which historically collected and discharged storm water runoff from DP Tank Farm.

Sediment Sampling Locations

Sediment samples were collected using a stainless steel spade and bowl in accordance with Laboratory ER-SOP-06.09, Rev. 1, "Spade and Scoop Method for Collection of Soil Samples." The criteria followed for collection of sediment samples are listed below.

- The sediment samples were screened using a number 10 sieve with a 2-mm opening. The sediment was too moist in all sample locations for 2001. Therefore, the rocks, roots, and coarse material were removed manually.
- Each sediment sample was screened for visual variations, for petroleum hydrocarbon odors detected with olfactory senses, for VOCs with a PID, and for gross alpha using a Ludlum 139 radiation meter, and for gross beta/gamma using an ESP 1 radiation meter with an HP 260 pancake probe. There were no radionuclide screening data collected for 2000 field activities.

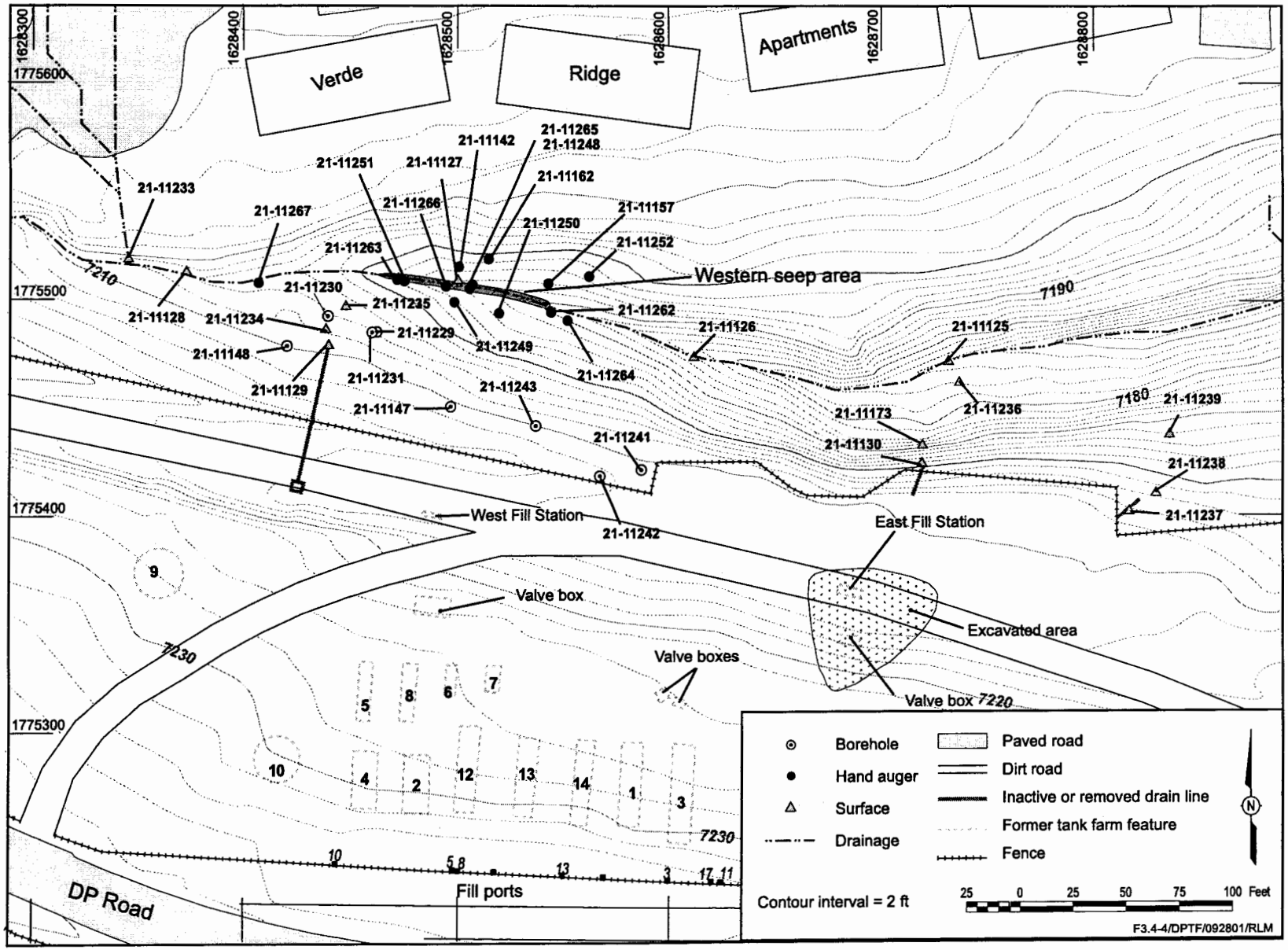


Figure 3.4-4. Phase II RFI sampling locations in the Western Seep Investigation Area

Table 3.4-2
Western Seep Investigation Area Samples Collected for Off-Site Laboratory Analysis

Sample ID	Location ID	Depth (ft)	Sample Media	Lead	UST SVOCs	TPH DROs	TPH GROs	UST VOCs
MD21-00-0040	21-11125	0–0.5	Sediment	—[a]	—	—	—	6934R
MD21-00-0078	21-11125	0–0.5	Sediment	6874R	6872R	6872R	6872R	—
MD21-00-0041	21-11126	0–0.5	Sediment	—	—	—	—	6934R
MD21-00-0079	21-11126	0–0.5	Sediment	6900R	6898R	6898R	6898R	—
MD21-00-0042	21-11127	0–0.5	Sediment	—	—	—	—	6934R
MD21-00-0080	21-11127	0–0.5	Sediment	6900R	6898R	6898R	6898R	—
MD21-00-0043	21-11128	0–0.5	Sediment	—	—	—	—	6934R
MD21-00-0081	21-11128	0–0.5	Sediment	6900R	6898R	6898R	6898R	—
MD21-00-0035	21-11129	0–0.5	Sediment	6900R	6898R	6898R	6898R	6898R
MD21-00-0036	21-11130	0–0.5	Sediment	6900R	6898R	6898R	6898R	6898R
MD21-00-0063	21-11142	1–2	Qbt 3	7047R	7045R	7045R	7045R	7045R
MD21-00-0064	21-11142	2–3	Qbt 3	7047R	7045R	7045R	7045R	7045R
MD21-00-0073	21-11147	37–38	Qbt 3	7132R	7130R	7130R	7130R	7130R
MD21-00-0074	21-11147	44–45	Qbt 3	7132R	7130R	7130R	7130R	7130R
MD21-00-0088	21-11147	49–50	Qbt 3	7132R	7130R	7130R	7130R	7130R
MD21-00-0089	21-11147	54–55	Qbt 3	7132R	7130R	7130R	7130R	7130R
MD21-00-0090	21-11147	59.7–60.3	Qbt 3	7132R	7130R	7130R	7130R	7130R
MD21-00-0091	21-11147	63–65	Qbt 3	7138R	—	7136R	7136R	7136R
MD21-00-0092	21-11147	69–70	Qbt 3	7138R	7136R	7136R	7136R	7136R
MD21-00-0094	21-11148	51–52	Qbt 3	7138R	7136R	7136R	7136R	7136R
MD21-00-0095	21-11148	64–65	Qbt 3	7138R	7136R	7136R	7136R	7136R
MD21-00-0118	21-11157	2–2.5	Qbt 3	7261R	7259R	7259R	7259R	7259R
MD21-00-0119	21-11157	14–14.8	Qbt 3	7261R	7259R	7259R	7259R	7259R
MD21-00-0120	21-11162	6–6.5	Qbt 3	7261R	7259R	7259R	7259R	7259R
MD21-00-0121	21-11162	16–16.5	Qbt 3	7261R	7259R	7259R	7259R	7259R
MD21-00-0147	21-11173	0–0.5	Sediment	7333R	7331R	7331R	7331R	7331R
MD21-00-0148	21-11173	0.5–1.5	Qbt 3	7333R	7331R	7331R	7331R	7331R
MD21-01-0098	21-11229[b]	38.4–39.3	Qbt 3	8780R	—	8779R	8779R	—
MD21-01-0093	21-11229[b]	69–70	Qbt 3	8734R	8733R	8733R	8733R	8733R
MD21-01-0094	21-11229[b]	80.6–81.2	Qbt 3	8734R	8733R	8733R	8733R	8733R
MD21-01-0095	21-11229[b]	91.5–92.5	Qbt 2	8734R	8733R	8733R	8733R	8733R
MD21-01-0096	21-11230[b]	39–39.5	Qbt 3	8768R	8767R	8767R	8767R	8767R
MD21-01-0097	21-11230[b]	54.3–55	Qbt 3	8768R	8767R	8767R	8767R	8767R
MD21-01-0101	21-11230[b]	89–90	Qbt 3	8802R	8801R	8801R	8801R	8801R
MD21-01-0099	21-11230[b]	104.2–105	Qbt 2	8780R	8779R	8779R	8779R	8779R
MD21-01-0102	21-11231[b]	5.8–6	Qbt 3	8802R	8801R	8801R	8801R	8801R
MD21-01-0103	21-11231[b]	24–25	Qbt 3	8802R	8801R	8801R	8801R	8801R

Table 3.4-2 (continued)

Sample ID	Location ID	Depth (ft)	Sample Media	Lead	UST SVOCs	TPH DROs	TPH GROs	UST VOCs
MD21-01-0104	21-11231[b]	29–30	Qbt 3	8802R	8801R	8801R	8801R	8801R
MD21-01-0100	21-11231[b]	32–32.5	Qbt 3	8802R	8801R	8801R	8801R	8801R
MD21-01-0105	21-11231[b]	34–35	Qbt 3	8802R	8801R	8801R	8801R	8801R
MD21-01-0106	21-11231[b]	38.8–39.8	Qbt 3	8817R	8816R	8816R	8816R	8816R
MD21-01-0107	21-11231[b]	45–45.5	Qbt 3	8817R	8816R	8816R	8816R	8816R
MD21-01-0080	21-11233	0–0.1	Sediment	8828R	8820R	8820R	8820R	8820R
MD21-01-0081	21-11234	0–0.1	Sediment	8828R	8820R	8820R	8820R	8820R
MD21-01-0082	21-11235	0–0.1	Sediment	8828R	8820R	8820R	8820R	8820R
MD21-01-0087	21-11236	0–0.1	Sediment	8840R	8839R	8839R	8839R	8839R
MD21-01-0083	21-11237	0–0.1	Sediment	8840R	8839R	8839R	8839R	8839R
MD21-01-0084	21-11237	0–0.1	Sediment	8840R	8839R	8839R	8839R	8839R
MD21-01-0085	21-11238	0–0.1	Sediment	8840R	8839R	8839R	8839R	8839R
MD21-01-0086	21-11239	0–0.1	Sediment	8840R	8839R	8839R	8839R	8839R
MD21-01-0117	21-11241	39–40	Qbt 3	8875R	8874R	8874R	8874R	8874R
MD21-01-0116	21-11241	49–50	Qbt 3	8875R	8874R	8874R	8874R	8874R
MD21-01-0115	21-11241	85–86	Qbt 3	8863R	8862R	8862R	8862R	8862R
MD21-01-0118	21-11242	49–50	Qbt 3	8878R	8877R	8877R	8877R	8877R
MD21-01-0119	21-11242	59–60	Qbt 3	8878R	8877R	8877R	8877R	8877R
MD21-01-0120	21-11242	74–75	Qbt 3	8878R	8877R	8877R	8877R	8877R
MD21-01-0121	21-11242	79–80	Qbt 3	8878R	8877R	8877R	8877R	8877R
MD21-01-0122	21-11242	94–94.5	Qbt 2	8878R	8877R	8877R	8877R	8877R
MD21-01-0125	21-11243	39–40	Qbt 3	8881R	8880R	8880R	8880R	8880R
MD21-01-0124	21-11243	44–45	Qbt 3	8881R	8880R	8880R	8880R	8880R
MD21-01-0123	21-11243	84–85	Qbt 3	8878R	8877R	8877R	8877R	8877R
MD21-01-0142	21-11248	0–0.5	Sediment	8932R	8931R	8931R	8931R	8931R
MD21-01-0143	21-11249	1.5–2	Sediment	8934R	8933R	8933R	8933R	8933R
MD21-01-0144	21-11249	3.5–4	Qbt 3	8934R	8933R	8933R	8933R	8933R
MD21-01-0145	21-11249	5.5–6	Qbt 3	8934R	8933R	8933R	8933R	8933R
MD21-01-0146	21-11249	5.5–6	Qbt 3	8934R	8933R	8933R	8933R	8933R
MD21-01-0147	21-11250	1.5–2	Qbt 3	8938R	8937R	8937R	8937R	8937R
MD21-01-0148	21-11250	3.5–4	Qbt 3	8938R	8937R	8937R	8937R	8937R
MD21-01-0149	21-11251	1.5–2	Sediment	8940R	8939R	8939R	8939R	8939R
MD21-01-0150	21-11251	3–3.5	Sediment	8940R	8939R	8939R	8939R	8939R
MD21-01-0151	21-11251	3–3.5	Sediment	8940R	8939R	8939R	8939R	8939R
MD21-01-0152	21-11252	1.5–2	Qbt 3	8952R	8951R	8951R	8951R	8951R
MD21-01-0153	21-11252	5.5–6	Qbt 3	8952R	8951R	8951R	8951R	8951R
MD21-01-0186	21-11262	0–0.4	Qbt 3	9093R	9092R	9092R	9092R	9092R
MD21-01-0187	21-11262	0.5–1.2	Qbt 3	9093R	9092R	9092R	9092R	9092R

Table 3.4-2 (continued)

Sample ID	Location ID	Depth (ft)	Sample Media	Lead	UST SVOCs	TPH DROs	TPH GROs	UST VOCs
MD21-01-0188	21-11262	0.5–1.2	Qbt 3	9093R	9092R	9092R	9092R	9092R
MD21-01-0189	21-11262	6.7–7.3	Qbt 3	9093R	9092R	9092R	9092R	9092R
MD21-01-0190	21-11262	8.5–9	Qbt 3	9093R	9092R	9092R	9092R	9092R
MD21-01-0193	21-11263	1.5–2	Sediment	9163R	9162R	9162R	9162R	9162R
MD21-01-0194	21-11263	2.5–3	Qbt 3	9163R	9162R	9162R	9162R	9162R
MD21-01-0195	21-11263	2.5–3	Qbt 3	9163R	9162R	9162R	9162R	9162R
MD21-01-0196	21-11263	4.5–5	Qbt 3	9163R	9162R	9162R	9162R	9162R
MD21-01-0197	21-11263	5.9–6.3	Qbt 3	9163R	9162R	9162R	9162R	9162R
MD21-01-0198	21-11263	9.6–10.3	Qbt 3	9165R	9164R	9164R	9164R	9164R
MD21-01-0199	21-11263	11.5–12	Qbt 3	9165R	9164R	9164R	9164R	9164R
MD21-01-0200	21-11263	12.5–13	Qbt 3	9165R	9164R	9164R	9164R	9164R
MD21-01-0201	21-11263	15.6–16.2	Qbt 3	9165R	9164R	9164R	9164R	9164R
MD21-01-0202	21-11263	17–18	Qbt 3	9165R	9164R	9164R	9164R	9164R
MD21-01-0203	21-11263	18.5–19.2	Qbt 3	9165R	9164R	9164R	9164R	9164R
MD21-01-0204	21-11263	19.9–20.6	Qbt 3	9165R	9164R	9164R	9164R	9164R
MD21-01-0191	21-11264	0–0.3	Qbt 3	9163R	9162R	9162R	9162R	9162R
MD21-01-0192	21-11264	6–7	Qbt 3	9163R	9162R	9162R	9162R	9162R
MD21-01-0205	21-11265	1.3–1.8	Sediment	9171R	9170R	9170R	9170R	9170R
MD21-01-0206	21-11265	3.0–3.3	Qbt 3	9168R	9167R	9167R	9167R	9167R
MD21-01-0207	21-11265	6.3–6.8	Qbt 3	9168R	9167R	9167R	9167R	9167R
MD21-01-0208	21-11266	4.5–5.0	Sediment	9168R	9167R	9167R	9167R	9167R
MD21-01-0209	21-11266	6.0–7.0	Qbt 3	9168R	9167R	9167R	9167R	9167R
MD21-01-0210	21-11266	6.0–7.0	Qbt 3	9168R	9167R	9167R	9167R	9167R
MD21-01-0211	21-11266	8.0–8.8	Qbt 3	9168R	9167R	9167R	9167R	9167R
MD21-01-0212	21-11267	0–0.4	Qbt 3	9171R	9170R	9170R	9170R	9170R
MD21-01-0213	21-11267	3.5–4	Qbt 3	9171R	9170R	9170R	9170R	9170R

[a] A dash indicates that the sample was not analyzed for that compound.

[b] Depths correspond to length along the borehole.

- Photographs of the sampling location were taken. Representative photographs of sampling locations are presented in Appendix J; additional photographs of the Phase II RFI are available for review upon request.
- Two immunoassay field-screening tests (detection limits of 40 ppm and 160 ppm) for diesel were conducted on each sediment sample. All screening results are presented in Appendix K.
- Each sediment sample was submitted to ARS for gross radiological screening before shipment to an off-site laboratory for analysis.
- The sediment samples (collected from the three storm drainages north of PRS 21-029 on the slope south of the stream channel) were submitted for UST VOCs, UST SVOCs, TPH (gasoline

and diesel ranges), and total lead analyses. Table 3.4-2 lists all the sample locations and sample numbers, sample depths, media sampled, analyses requested, and the request numbers for each sediment sample location for the Western Seep Investigation Area.

- In accordance with the RSI response (Environmental Restoration Project 1999, 64829), the analytical suites for the sediment samples collected from within the stream channel (locations 21-11123, 21-11128, and replacement 21-11246) was expanded to fill data gaps remaining from the DP Canyon reach report (Environmental Restoration Project 1999, 63915). The analytical suites for these samples included UST VOCs, UST SVOCs, TPHs (gasoline and diesel ranges), polychlorinated biphenyls, radionuclides (americium-241, cesium-134, cobalt-60, plutonium-238, plutonium-239/-240, uranium-234, strontium-90, and tritium), and inorganic chemicals (target analyte list metals). Table 3.4-2 lists all the sample locations and samples numbers, sample depths, media sampled, analyses requested, and the request numbers for each sediment sample location for the Western Seep Investigation Area. As stated in the deviations section above, gamma spectroscopy for cesium-137 was not requested for these sediment samples collected during 2000.

Hand-Augered Sample Locations

In accordance with the RSI response (Environmental Restoration Project 1999, 64829), four hand-augered holes (locations 21-11251, 21-11263, 21-11265/21-11248, and 21-11266) were advanced at the fill/tuff interface along the south side of the DP Canyon stream channel (the western seep area), two auger holes (locations 21-11142 and 21-11162) were advanced north of the western seep area, and three auger holes (locations 21-11249, 21-11250, and 21-11264) were advanced south of the stream channel along the bank. Additional auger holes (locations 21-11267, 21-11157, 21-11262, and 21-11252) were required to define the extent of contamination. Figure 3.4-4 illustrates locations of all auger-hole samples in the Western Seep Investigation Area. Hand-auger borehole logs are included in Appendix I.

Hand-auger samples were collected in accordance with criteria described above for the mesa-top area with the following modifications where water was encountered within, beneath, and adjacent to the DP Canyon stream channel.

- If a dry zone was encountered and the auger hole collapsed, then PVC pipe was placed in the hole, and hand-augering continued through the PVC pipe with a smaller (2.25-in.) auger bucket.
- At least three samples were collected and submitted for off-site fixed-laboratory analyses from each hand-auger location that was greater than 10 ft in total depth.
- If the sampling location occurred within an area where water was flowing through the stream channel, the water was diverted by hay bales and silt fence material. (No bentonite, stakes, or permanent materials were used to divert water around the sampling location, according to ESH-18 guidance.) If, for any reason, this method did not divert the surface water flow, the sampling location was shifted but remained within 2 ft of the previous auger-hole location. The new sampling location was assigned a new Facility for Information Management, Analysis, and Display identification number.
- If, during hand-augering activities, excessive water infiltrated the auger hole, PVC pipe was placed in the auger hole, water was removed and hand-augering continued through the PVC.
- Samples collected during the spring and summer of 2001 were not obtained from every 2-ft interval because of excessive water, sloughing of material, and mixing of layers. After water was removed, the underlying material was sampled. Care was taken to prevent sloughing of the auger hole, but in some auger holes, there was obvious sloughing. In these cases, only sample material

from the correct depth and not the slough material was collected. In most cases, the slough was distinguished by color. When sloughing could not be controlled, the auger hole was not continued beyond one nondetect of the immunoassay test.

- If a saturated zone was encountered, hand-augering continued through the saturated zone, and PVC pipe was placed in the hole. Then bentonite was placed between the auger hole wall and the PVC pipe to seal off moisture and water infiltration. Hand-augering continued through the PVC pipe.

Borehole Sample Locations

In accordance with the RSI response (Environmental Restoration Project 1999, 64829), five boreholes (locations 21-11241, 21-11242, 21-11243, 21-11147, and 21-11148) were advanced north of the fence along the southern edge of DP Canyon. Because of difficulties experienced in defining the vertical extent of petroleum hydrocarbon contamination beneath the stream channel at the western seep area, two angle boreholes (locations 21-11229/21-11231 and 21-11230) were also advanced to define the extent of contamination beneath the stream channel and north of the stream channel (Figure 3.4-4) (Bertino 2001, 70121). Field-screening results, sampling details, and rationale for collecting samples for off-site fixed-laboratory analyses are presented in Appendix K. All boreholes were drilled and sampled according to the sampling criteria and the sampling process described above (mesa-top area). Borehole logs are included in Appendix H.

3.4.3.2.2 Summary of DP Canyon Inspections, Western Seep Investigation Area

Visual inspections of the western seep area in DP Canyon were performed sporadically until October 1999 (Environmental Restoration Project 1999, 64829). Monthly inspections (bimonthly during summer months according to the RSI response) of the western seep area began in October 1999 and recorded climatic conditions; the presence of standing or running water; the location and intensity of odors, staining, and/or sheens; the medium in which stains or sheens were observed; and how the odors were identified. Photographs were taken to document site conditions. All inspection results are included with the NMED quarterly reports; therefore, only a summary of the inspection findings is included here.

Hydrocarbon odors and stained soils were most prevalent during dry periods in the fall of 1999 and summer and fall of 2000. However, one would have to be close to the seep area and disturb the soil along the southern edge of the stream channel (at the base of the sediment layer adjacent to the stream channel) to detect the petroleum hydrocarbon odor or observe stained sediment. During site inspections immediately following precipitation events, evidence of the petroleum sheen or odor was virtually nonexistent. The manifestations of the seep were greatly reduced during the spring and summer of 2001 partially because of increased runoff from snowmelt and an increase in the number and severity of summer precipitation events from spring and summer 2000. Evidence of the petroleum hydrocarbon contamination has consistently been more prevalent at the western seep area than at the downstream eastern seep area.

3.4.3.3 DP Canyon, Eastern Seep Investigation Area

3.4.3.3.1 Sampling Activities

The Phase II RFI of the Eastern Seep Investigation Area in DP Canyon included the collection of 3 sediment samples and the drilling and sampling of 10 hand-augered locations. Field-screening results, sampling details, rationale for collecting the samples for fixed-laboratory analyses, purpose of locations, and descriptions of sample locations are presented in Appendix K. All sample locations are illustrated in Figure 3.4-5. Table 3.4-3 lists the samples collected for off-site fixed-laboratory analysis.

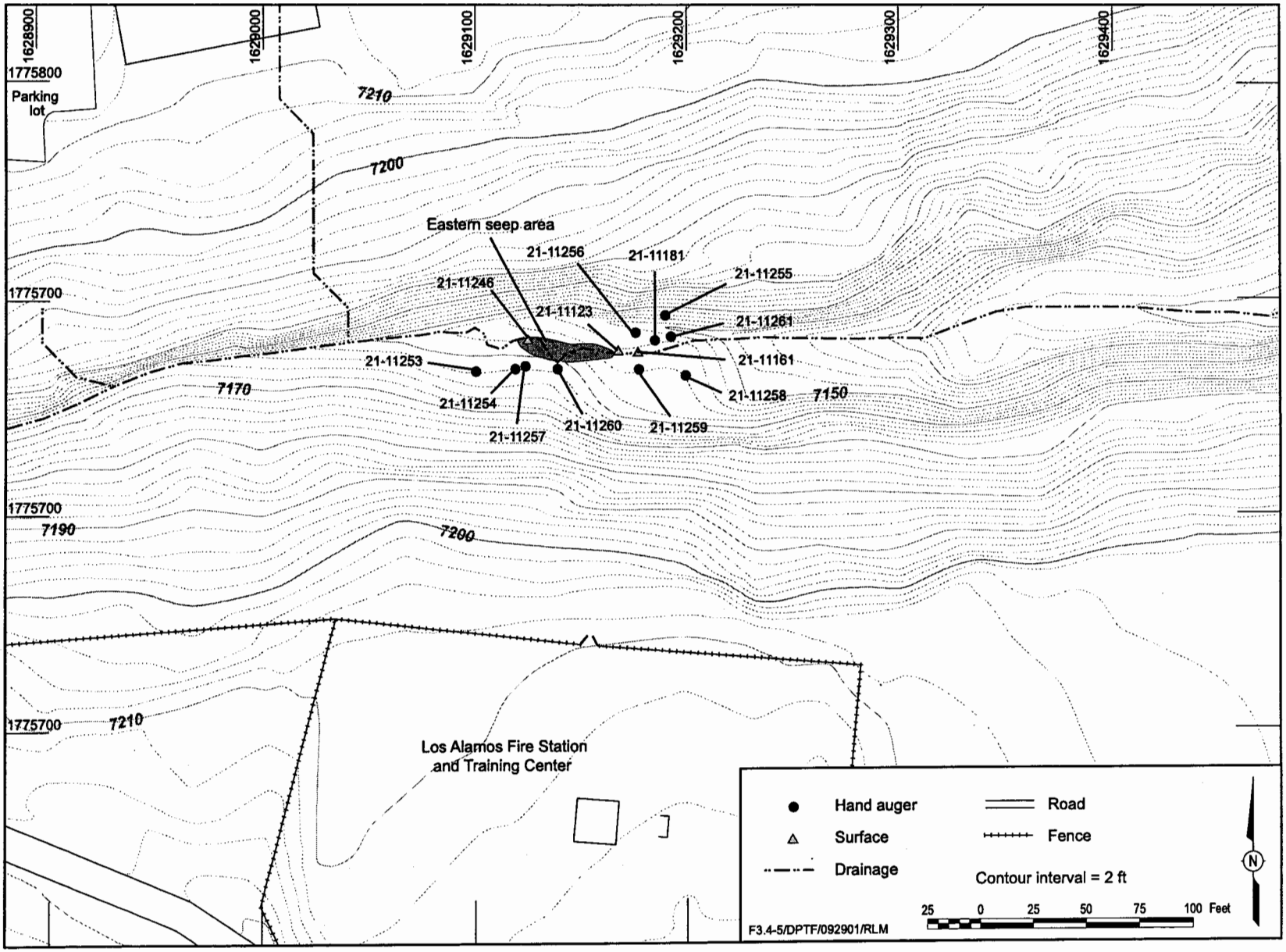


Figure 3.4-5. Phase II RFI sampling locations in the Eastern Seep Investigation Area

Table 3.4-3
Eastern Seep Investigation Area Samples Collected for Off-Site Fixed-Laboratory Analysis

Sample ID	Location ID	Depth (ft)	Media	Lead	UST SVOCs	TPH DROs	TPH GROs	UST VOCs
MD21-00-0038	21-11123	0–0.5	Sediment	—*	—	—	—	6934R
MD21-00-0076	21-11123	0–0.5	Sediment	6874R	6872R	6872R	6872R	—
MD21-00-0087	21-11161	0–0.5	Sediment	—	—	6883R	6883R	—
MD21-00-0165	21-11181	5–6	Sediment	7921R	7919R	7919R	7919R	7919R
MD21-00-0166	21-11181	14.5–15	Qbt 3	7921R	7919R	7919R	7919R	7919R
MD21-01-0074	21-11246	0–0.5	Sediment	8915R	8914R	8914R	8914R	8914R
MD21-01-0075	21-11246	0–0.5	Sediment	8915R	8914R	8914R	8914R	8914R
MD21-01-0154	21-11253	5.5–6	Qbt 3	8967R	8966R	8966R	8966R	8966R
MD21-01-0155	21-11253	8–8.5	Qbt 3	8967R	8966R	8966R	8966R	8966R
MD21-01-0156	21-11254	1.5–2	Sediment	8967R	8966R	8966R	8966R	8966R
MD21-01-0157	21-11254	2.8–3.5	Qbt 3	8967R	8966R	8966R	8966R	8966R
MD21-01-0158	21-11254	4.5–5	Qbt 3	8967R	8966R	8966R	8966R	8966R
MD21-01-0159	21-11254	5.5–6	Qbt 3	8967R	8966R	8966R	8966R	8966R
MD21-01-0160	21-11255	9.5–10	Qbt 3	8987R	8986R	8986R	8986R	8986R
MD21-01-0161	21-11255	11.5–12	Qbt 3	8987R	8986R	8986R	8986R	8986R
MD21-01-0162	21-11255	15.8–16.8	Qbt 3	8987R	8986R	8986R	8986R	8986R
MD21-01-0163	21-11256	1.8–2.1	Sediment	8989R	8988R	8988R	8988R	8988R
MD21-01-0164	21-11256	3.5–4	Qbt 3	8989R	8988R	8988R	8988R	8988R
MD21-01-0165	21-11256	5.5–6	Qbt 3	8989R	8988R	8988R	8988R	8988R
MD21-01-0168	21-11256	10–10.8	Qbt 3	9087R	9086R	9086R	9086R	9086R
MD21-01-0166	21-11257	1.5–2	Qbt 3	8989R	8988R	8988R	8988R	8988R
MD21-01-0167	21-11257	3.5–4	Qbt 3	8989R	8988R	8988R	8988R	8988R
MD21-01-0169	21-11257	7–8	Qbt 3	9087R	9086R	9086R	9086R	9086R
MD21-01-0170	21-11258	1.5–2	Sediment	9087R	9086R	9086R	9086R	9086R
MD21-01-0171	21-11258	3.5–4	Qbt 3	9087R	9086R	9086R	9086R	9086R
MD21-01-0172	21-11258	5.5–6	Qbt 3	9087R	9086R	9086R	9086R	9086R
MD21-01-0173	21-11258	7.5–8	Qbt 3	9087R	9086R	9086R	9086R	9086R
MD21-01-0174	21-11258	9.5–10	Qbt 3	9087R	9086R	9086R	9086R	9086R
MD21-01-0175	21-11258	14.3–14.7	Qbt 3	9087R	9086R	9086R	9086R	9086R
MD21-01-0176	21-11258	15.5–16	Qbt 3	9087R	9086R	9086R	9086R	9086R
MD21-01-0177	21-11258	17–18	Qbt 3	9087R	9086R	9086R	9086R	9086R
MD21-01-0178	21-11258	18.8–19.8	Qbt 3	9087R	9086R	9086R	9086R	9086R
MD21-01-0179	21-11259	5.5–6	Qbt 3	9089R	9088R	9088R	9088R	9088R
MD21-01-0180	21-11259	12–12.7	Qbt 3	9089R	9088R	9088R	9088R	9088R
MD21-01-0181	21-11259	14–15.3	Qbt 3	9089R	9088R	9088R	9088R	9088R
MD21-01-0182	21-11260	5.5–6	Qbt 3	9091R	9090R	9090R	9090R	9090R
MD21-01-0183	21-11260	9.5–10	Qbt 3	9091R	9090R	9090R	9090R	9090R
MD21-01-0184	21-11261	1.5–2	Sediment	9091R	9090R	9090R	9090R	9090R
MD21-01-0185	21-11261	9.5–10	Qbt 3	9091R	9090R	9090R	9090R	9090R

* A dash indicates that the sample was not analyzed for that compound.

Sediment Samples

In accordance with the RSI response (Environmental Restoration Project 1999, 64829), sediment samples were collected from the following locations. Two samples (locations 21-11123 and 21-11246) were collected within the DP Canyon stream channel to supplement the DP reach report (Environmental Restoration Project 1999, 63915). One sediment sample (location 21-11161) was collected following the discovery of the eastern seep for fingerprinting purposes. All three sediment samples were collected following the sampling process and criteria described above for the DP Canyon Western Seep Investigation Area.

Hand-Augered Sample Locations

Ten hand-auger locations (locations 21-11181 and 21-11253 through 21-11261) within, adjacent to, and surrounding the eastern seep area in DP Canyon stream channel were advanced to define the nature and extent of petroleum hydrocarbons. Samples were collected following the sampling process and criteria described above for the DP Canyon Western Seep Investigation Area.

3.4.3.3.2 Summary of DP Canyon Inspections, Eastern Seep Investigation Area

The eastern seep area was discovered in March 2000 and has been included with the monthly (and bimonthly summer) inspections of the western seep area since that time. Inspection requirements were the same as those for the western seep area (Section 3.4.3.2.2). Inspection findings at the eastern seep area were generally consistent with the western seep area findings. However, the manifestations of the eastern seep were not as prevalent as those associated with the upstream western seep. Evidence of the petroleum hydrocarbon contamination was greatly reduced during the spring and summer of 2001.

3.4.4 Data Review

The purpose of the data review section is to determine whether COPCs are present at concentrations at or above background levels. For inorganic chemicals and radionuclides, the data review is conducted by determining whether chemicals are present at levels that meet or exceed background and/or fallout values. For organic chemicals, the data review is conducted by identifying organic chemicals that are detected at the site. The background value comparison procedures are described in Laboratory ER-SOP-15.12, Rev. 0, "Performing Background Value Comparisons for Inorganic Chemicals," and Laboratory ER-SOP-15.13, Rev. 0, "Performing Background Value Comparisons for Radionuclides." The Laboratory-specific background/fallout values are presented in Laboratory guidance (Ryti and Longmire 1998, 59730).

The data evaluation presented in this section supports the discussion of nature and extent and further assessments of the data. Data are presented by the areas defined earlier; mesa-top area (PRS 21-029), the Western Seep Investigation Area, and the Eastern Seep Investigation Area. The Western Seep Investigation Area includes sample locations that are specifically identified as being in the western, middle, and eastern storm drain areas (Figure 3.4-4).

The data review section is organized by the primary analytical classes: inorganic chemicals, radionuclides, and organic chemicals. For inorganic and organic chemicals, the data review is restricted to the chemicals listed in Table 3.4-4 that have been identified as UST-related chemicals. These include lead, SVOCs, TPHs, and VOCs. In addition to the UST-related chemicals, radionuclide data for the mesa-top area (PRS 21-029) location are also presented.

Table 3.4-4
Chemicals Associated with UST Releases

Analytical Suite	UST-Related Chemical
SVOC	Acenaphthene
SVOC	Anthracene
VOC	Benzene
SVOC	Benz(a)anthracene
SVOC	Benzo(a)pyrene
SVOC	Benzo(b)fluoranthene
SVOC	Benzo(k)fluoranthene
SVOC	Chrysene
SVOC	Dibenz(a,h)anthracene
VOC	Dibromoethane[1,2-]
VOC	Dichloroethane[1,2-]
TPH	DROs
VOC	Ethylbenzene
SVOC	Fluoranthene
SVOC	Fluorene
TPH	GROs
Inorganic	Lead
SVOC	Naphthalene
SVOC	Phenanthrene
SVOC	Pyrene
VOC	Toluene
VOC	Xylene

The sample IDs, location IDs, depth, sample media, and analyses requested for samples collected from PRS 21-029 (mesa top), the Western Seep Investigation Area, and the Eastern Seep Investigation Area are provided in Tables 3.4-1, 3.4-2, and 3.4-3, respectively. A complete data set is provided in Appendix D and is being submitted in electronic form with this report to the administrative authority.

In accordance with the RSI response (Environmental Restoration Project 1999, 64829), a fingerprint evaluation was performed using the Phase II RFI samples collected during 2000 and 2001. This fingerprint characterization involved qualitative evaluation of individual chromatograms derived from TPH analysis. The analytical method used for this RFI followed EPA Method 8015 (DROs) by way of extraction and direct injection into a gas chromatograph equipped with a flame ionization detector. Standards containing different concentrations of diesel fuel are used to derive a calibration model that allows quantitative analysis. The sample chromatograms were compared to the analysis of individual standards containing diesel fuel, kerosene, and waste oil. A comparison of retention time between the standards and samples and consideration of changes expected because of weathering are used to determine the type of contamination. Weathering of petroleum hydrocarbons results in volatization of the lower boiling point contaminants as well as loss of straight chain hydrocarbons (relative to branched) because of biological activity (microbial degradation). Some buildup of higher molecular weight components because of biological activity is also possible. The gas chromatograph pattern for middle distillates (diesel #2,

kerosene) is generally distinguished by a hydrocarbon hump with a number of alkane peaks on top. Heavy hydrocarbons (e.g., lubricating oil, diesel #4, diesel #6, and asphalt) generally have fewer individual peaks on top of the hump and elute at a much later retention time than middle distillates.

Almost all the extractable Method 8015 samples taken from the eastern and western seep areas are indicative of weathered diesel fuel. The chromatograms show hydrocarbons in the C10–C25 window, with loss of lower carbon number (C10–C15 range) species, probably because of volatization. Several samples showed slightly more weathering. In these samples, the loss of straight-chain hydrocarbons with only a ragged edge *hump* is observed. This may be indicative of biological degradation because biological organisms preferentially degrade straight chain compared to branched hydrocarbons. All of the eastern seep area samples contained hydrocarbons indicative of weathered diesel. Samples MD21-00-00147, MD21-00-00148, and MD21-00-0036 (mesa-top drainage) contained hydrocarbons that are heavier than diesel fuel; this could be from motor oil origin.

A few samples in the Western Seep Investigation Area contained BTEX components, and samples from both the Western and Eastern Seep Investigation Areas that contained high levels of diesel also contained GROs.

3.4.4.1 UST Inorganic Chemical (Lead Only) Comparison with Background

PRS 21-029, Mesa-Top Area

Thirty-seven samples collected from the mesa-top area were analyzed for lead. Descriptions of the analytical method used can be found in Appendix C. Five samples were collected from fill material, and 32 samples were collected from tuff (five tuff samples from the Qbt 2 unit and twenty-seven tuff samples from the Qbt 3 unit). Lead results for samples collected from fill material were compared to the all-horizons soil background value for lead because a specific soil horizon could not be identified. Lead results for samples collected from the Qbt 2 and Qbt 3 tuff units were compared with the Qbt 2,3,4 combined tuff background value.

The frequency of detected lead by media for the mesa-top area samples is presented in Table 3.4-5. Lead was detected in all samples. The background value was exceeded in 3 of the 5 samples collected from fill material, and in 2 of the 27 tuff samples collected from the Qbt 3 unit. None of the lead results for the five tuff samples collected from the Qbt 2 unit exceeded the background value.

Table 3.4-5
Frequency of Detected UST-Related
Inorganic Chemicals(Lead Only) at PRS 21-029 (Mesa-Top Area)

Analyte	Sample Media	Number of Analyses	Number of Detects	Concentration Range (mg/kg)	Background Value (mg/kg)	Frequency of Detects Above Background Value[a]	Frequency of Nondetects Above Background Value[b]
Lead	Fill[c]	5	5	11.5 to 43.5	22.3	3/5	0/5
Lead	Qbt 2	5	5	2.9 to 5.1	11.2	0/5	0/5
Lead	Qbt 3	27	27	2.3 to 15.4	11.2	2/27	0/27

[a] Value is the ratio of the number of detected values exceeding the background value to the number of total analyses.

[b] Value is the ratio of the number of detection limits exceeding the background value to the number of total analyses.

[c] Lead data for the fill material on the mesa top were compared with the all-horizons soil background value (Ryti and Longmire 1998, 59730).

Sample- and location-specific information for samples in which the lead background value was exceeded is presented in Table 3.4-6. Figure 3.4-6 shows the sampling locations where the lead results exceeded the background values.

Table 3.4-6
UST-Related Inorganic Chemicals (Lead Only) With Concentrations At or Exceeding Background Values, PRS 21-029 (Mesa-Top Area)

Sample ID	Location ID	Depth (ft)	Sample Media	Lead (mg/kg)*
Soil Background Value				22.3
Qbt 2,3,4 Background Value				11.2
MD21-00-0061	21-11141	0.0–1.0	Fill	23.8
MD21-00-0062	21-11141	4.0–5.0	Fill	22.6
MD21-00-0109	21-11153	49.0–50.0	Qbt 3	15.4
MD21-01-0112	21-11232	21.7–22.5	Qbt 3	13.8
MD21-01-0126	21-11244	9.0–10.0	Fill	43.5 (J+)

Note: Estimated detection limits can be found in Appendix D.
* Data qualifiers are defined in Appendix C.

The lead concentrations that were reported above background were qualified for one sample. Sample MD21-01-0126 was qualified J+ for lead because of a high matrix spike recovery (Appendix C). The J+ qualifier indicates that the lead concentration for this sample is estimated and may be biased high. Because this lead concentration (43.5 mg/kg) is the highest reported lead concentration in the mesa-top area and because it is approximately twice the background value, the potentially high bias for this sample result does not affect the conclusion that lead is present above the background in the mesa-top area. The qualifiers for sample results that were below the lead background values are discussed in Appendix C.

Lead was detected above background and is retained as a COPC in the mesa-top area. Lead was carried forward to Section 4.0, Site Assessments, to evaluate the potential human health and ecological risk from exposure on the mesa top.

Western Seep Investigation Area

Ninety-seven samples collected from the Western Seep Investigation Area were analyzed for lead. Twenty-three samples were collected from sediment, and 74 samples were collected from tuff (3 tuff samples from the Qbt 2 unit and 71 tuff samples from the Qbt 3 unit). Lead results for samples collected from sediment material were compared to the canyon sediment background value for lead. Lead results for samples collected from the Qbt 2 and Qbt 3 tuff units were compared with the Qbt 2,3,4 combined tuff background value.

The frequency of detected lead by media for the mesa-top area samples is presented in Table 3.4-7. Lead was detected in all samples. The background value was exceeded in 10 of the 23 samples collected from sediment, and in 17 of the 71 tuff samples collected from the Qbt 3 unit. None of the lead results for the three tuff samples collected from the Qbt 2 unit exceeded the background value.

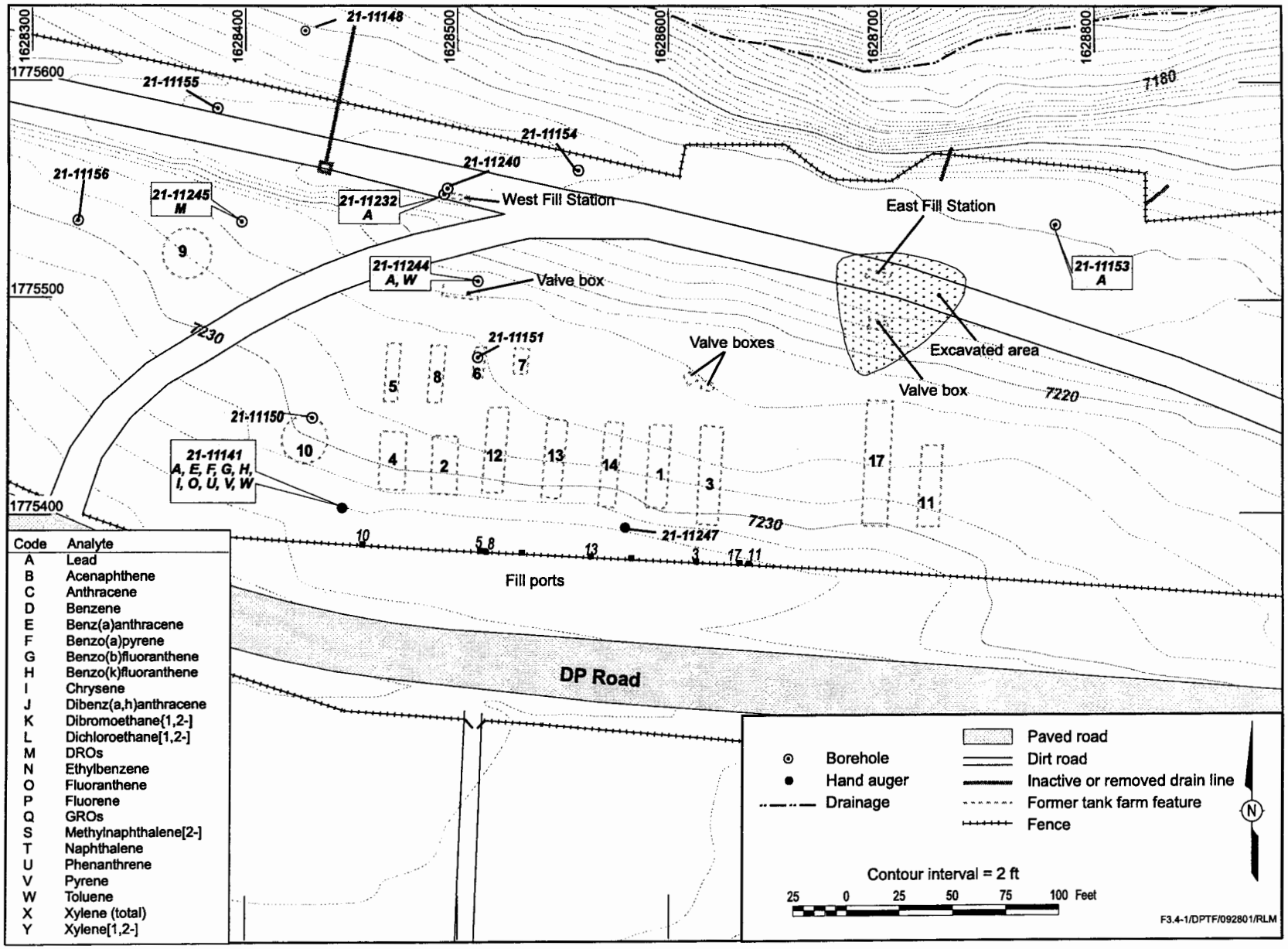


Figure 3.4-6. Phase II RFI sample locations and associated analytes at PRS 21-029

Table 3.4-7
Frequency of Detected UST-Related
Inorganic Chemicals (Lead Only) at the Western Seep Investigation Area

Analyte	Sample Media	Number of Analyses	Number of Detects	Concentration Range (mg/kg)	Background Value (mg/kg)	Frequency of Detects Above Background Value[a]	Frequency of Nondetects Above Background Value[b]
Lead	Sediment	23	10	4.2 to 148	19.7	10/23	0/23
Lead	Qbt 2	3	3	2.4 to 4.5	11.2	0/3	0/3
Lead	Qbt 3	71	17	1.8 to 66.3	11.2	17/71	0/71

[a] Value is the ratio of the number of detected values exceeding the background value to the number of total analyses.
[b] Value is the ratio of the number of detection limits exceeding the background value to the number of total analyses.

Sample- and location-specific information for samples in which the lead background value was exceeded is presented in Table 3.4-8. Figure 3.4-7 shows the sampling locations where the lead results exceeded the background values.

The lead concentrations that were reported above background were qualified for 16 samples. Two samples were qualified J+ for lead because of a high matrix spike recovery (Appendix C). The J+ qualifier indicates that the lead concentrations for these samples are estimated and may be biased high. Fourteen samples were qualified J- because of a low matrix spike recovery (Appendix C). The J- qualifier indicates that the lead concentrations for these samples are estimated and may be biased low. Because 14 lead concentrations above background may be biased low and twelve lead concentrations above background were not qualified, the conclusion that lead is present above background in the Western Seep Investigation Area does not change. The qualifiers for sample results that were below the lead background values are discussed in Appendix C.

Lead was detected above background and is retained as a COPC in the Western Seep Investigation Area. The lead data will be evaluated further as part of the canyons investigation of DP and Los Alamos Canyons.

Eastern Seep Investigation Area

Thirty-seven samples collected from the Eastern Seep Investigation Area were analyzed for lead. Eight samples were collected from sediment material, and 29 tuff samples were collected from the Qbt 3 unit. Lead results for samples collected from sediment material were compared to the canyon sediment background value for lead. Lead results for samples collected from the Qbt 3 tuff unit were compared with the Qbt 2,3,4 combined tuff background value.

The frequency of detected lead by media for the Eastern Seep Investigation Area samples is presented in Table 3.4-9. Lead was detected in all samples. The background values were exceeded in 2 of the 8 samples collected from sediment material, and in 10 of the 29 tuff samples collected from the Qbt 3 unit.

Sample- and location-specific information for samples in which the lead background value was exceeded is presented in Table 3.4-10. Figure 3.4-8 shows the sampling locations in the Eastern Seep Investigation Area where the lead results exceeded the background values.

Table 3.4-8
UST-Related Inorganic Chemicals (Lead Only) With Concentrations At or Exceeding Background Values, Western Seep Investigation Area

Sample ID	Location ID	Depth (ft)	Sample Media	Lead (mg/kg)*
Qbt 2,3,4 Background Value				11.2
Sediment Background Value				19.7
MD21-00-0078	21-11125	0.0–0.5	Sediment	48
MD21-00-0035	21-11129	0.0–0.5	Sediment	40
MD21-00-0036	21-11130	0.0–0.5	Sediment	72
MD21-00-0063	21-11142	1.0–2.0	Qbt 3	66.3
MD21-00-0064	21-11142	2.0–3.0	Qbt 3	14.1
MD21-00-0118	21-11157	2.0–2.5	Qbt 3	18
MD21-00-0147	21-11173	0.0–0.5	Sediment	32
MD21-00-0148	21-11173	0.5–1.5	Qbt 3	26
MD21-01-0102	21-11231	5.80–6.0	Qbt 3	11.3 (J+)
MD21-01-0105	21-11231	34.0–35.0	Qbt 3	12.5 (J+)
MD21-01-0080	21-11233	0.0–0.1	Sediment	54.7
MD21-01-0082	21-11235	0.0–0.1	Sediment	22.4
MD21-01-0086	21-11239	0.0–0.1	Sediment	28.5
MD21-01-0145	21-11249	5.5–6.0	Qbt 3	12.9 (J-)
MD21-01-0147	21-11250	1.5–2.0	Qbt 3	16.2 (J-)
MD21-01-0148	21-11250	3.5–4.0	Qbt 3	18.1 (J-)
MD21-01-0149	21-11251	1.5–2.0	Sediment	97.4 (J-)
MD21-01-0150	21-11251	3.0–3.5	Sediment	58.9 (J-)
MD21-01-0151	21-11251	3.0–3.5	Sediment	27.2 (J-)
MD21-01-0193	21-11263	1.5–2.0	Sediment	148 (J-)
MD21-01-0194	21-11263	2.5–3.0	Qbt 3	28.7 (J-)
MD21-01-0195	21-11263	2.5–3.0	Qbt 3	36.9 (J-)
MD21-01-0196	21-11263	4.5–5.0	Qbt 3	43.2 (J-)
MD21-01-0197	21-11263	5.9–6.3	Qbt 3	19.2 (J-)
MD21-01-0199	21-11263	11.5–12.0	Qbt 3	15.4 (J-)
MD21-01-0200	21-11263	12.5–13.0	Qbt 3	11.2 (J-)
MD21-01-0201	21-11263	15.6–16.2	Qbt 3	15.9 (J-)
MD21-01-0206	21-11265	3.0–3.3	Qbt 3	22.2

Note: Estimated detection limits can be found in Appendix D.

* Data qualifiers are defined in Appendix C.

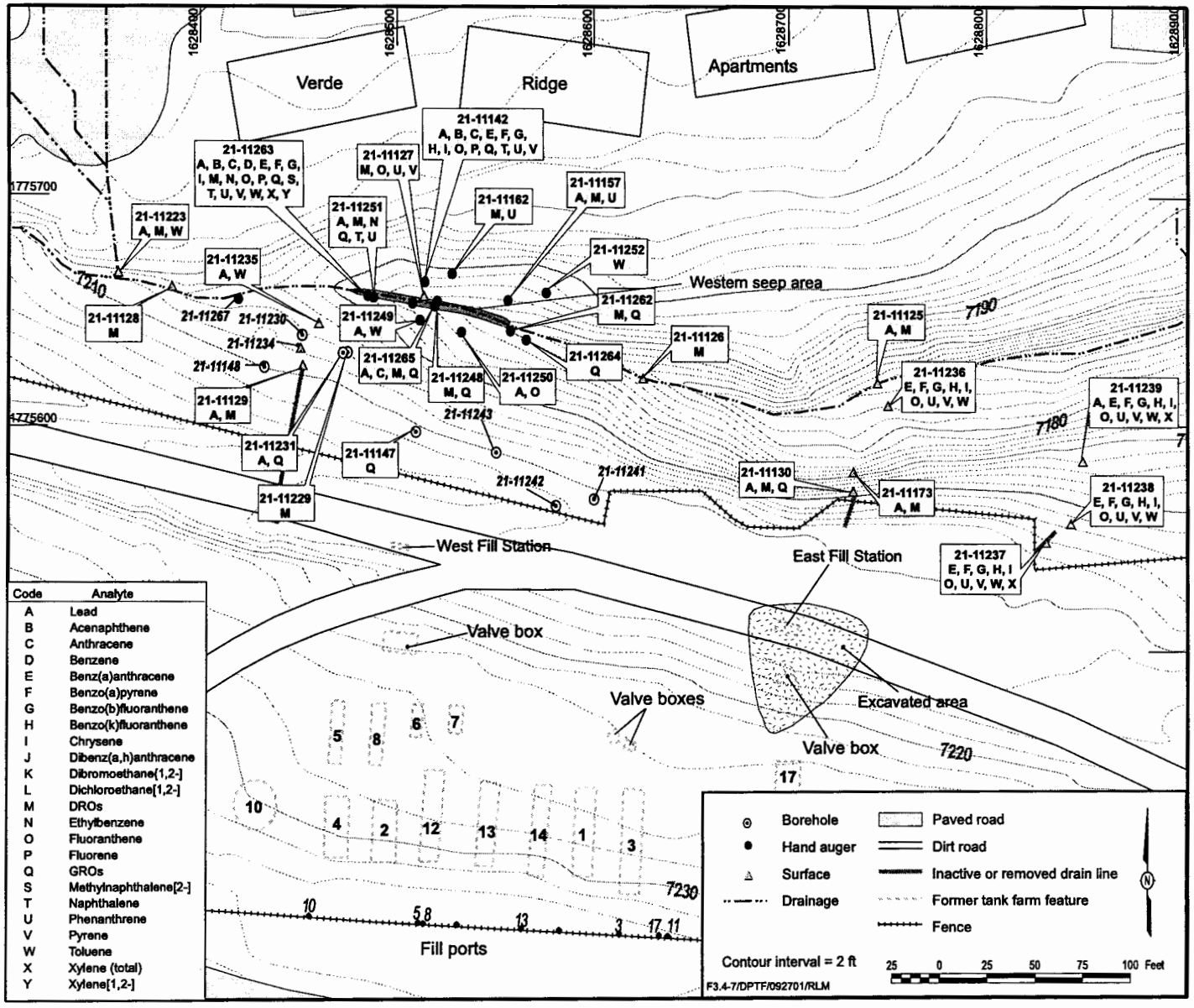


Figure 3.4-7. Sample locations and associated analytes at the Western Seep Investigation Area

Table 3.4-9
Frequency of Detected UST-Related
Inorganic Chemicals (Lead Only) at the Eastern Seep Investigation Area

Analyte	Sample Media	Number of Analyses	Number of Detects	Concentration Range (mg/kg)	Background Value (mg/kg)	Frequency of Detects above Background Value[a]	Frequency of Nondetects above Background Value[b]
Lead	Sediment	8	8	10 to 107	19.7	2/8	0/8
Lead	Qbt 3	29	29	3.9 to 70.6	11.2	10/29	0/29

[a] Value is the ratio of the number of detected values exceeding the background value to the number of total analyses.
[b] Value is the ratio of the number of detection limits exceeding the background value to the number of total analyses.

Table 3.4-10
UST-Related Inorganic Chemicals (Lead Only) With
Concentrations At or Exceeding Background Values, Eastern Seep Investigation Area

Sample ID	Location ID	Depth (ft)	Sample Media	Lead (mg/kg)*
Qbt 2,3,4 Background Value				11.2
Sediment Background Value				19.7
MD21-01-0075	21-11246	0.0–0.5	Sediment	107 (J-)
MD21-01-0154	21-11253	5.5–6.0	Qbt 3	19.2
MD21-01-0155	21-11253	8.0–8.5	Qbt 3	18.1
MD21-01-0156	21-11254	1.5–2.0	Sediment	21.4
MD21-01-0157	21-11254	2.8–3.5	Qbt 3	12.2
MD21-01-0158	21-11254	4.5–5.0	Qbt 3	12.1
MD21-01-0160	21-11255	9.5–10.0	Qbt 3	14.2
MD21-01-0161	21-11255	11.5–12.0	Qbt 3	12.6
MD21-01-0162	21-11255	15.8–16.8	Qbt 3	14.7
MD21-01-0164	21-11256	3.5–4.0	Qbt 3	13.1
MD21-01-0166	21-11257	1.5–2.0	Qbt 3	70.6
MD21-01-0179	21-11259	5.5–6.0	Qbt 3	11.6

Note: Estimated detection limits can be found in Appendix D.

* Data qualifiers are defined in Appendix C.

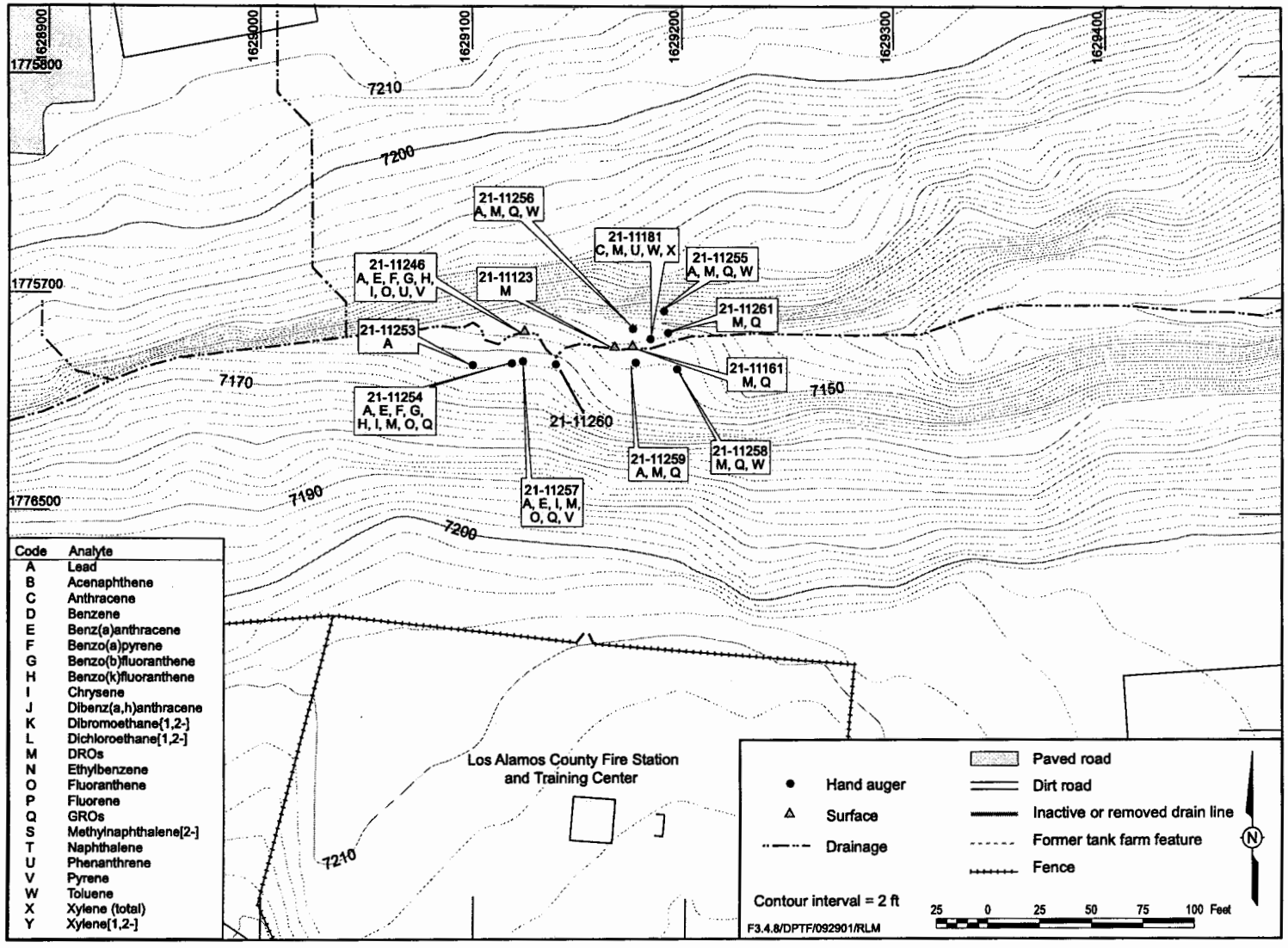


Figure 3.4-8. Phase II RFI sample locations and associated analytes at the Eastern Seep Investigation Area

The lead concentrations that were reported above background were qualified for one sample. This sample was qualified J- because of a low matrix spike recovery (Appendix C). The J- qualifier indicates that the lead concentration for this sample is estimated and may be biased low. Although the maximum lead concentration in the east area may be biased low, 13 other lead concentrations above background were not qualified, so the conclusion that lead is present above background in the eastern seep area is not affected by this qualification. The qualifiers for sample results that were below the lead background values are discussed in Appendix C.

Lead was detected above background and is retained as a COPC in the Eastern Seep Investigation Area. The lead data will be evaluated further as part of the canyons investigation of DP and Los Alamos Canyons.

3.4.4.2 Radionuclide Comparison with Background/Fallout Values

PRS 21-029, Mesa-Top Area

As documented in the approved RSI response (Environmental Restoration Project 1999, 64829), the confirmation sample collected from the bottom of the borehole adjacent to the former location of the West Fill Station on the mesa top was analyzed for americium-241, cobalt-60, cesium-134, cesium-137, uranium-235, and tritium to supplement the surface data that were collected in 1994. Radionuclides were not analyzed for in samples collected from the Western and Eastern Seep Investigation Areas because historical information presented in the approved RSI response (Environmental Restoration Project 1999, 64829) confirmed that radionuclides are not considered COPCs for PRS 21-029 (Environmental Restoration Project 1999, 64829). The results of the samples for 2001 are discussed below.

Two tuff samples (the borehole confirmation sample and required duplicate QC sample) were collected within the PRS boundary (mesa-top area) at location 21-11240 (Figure 3.4-6) from a depth of 93 ft to 94 ft. The two samples were collected from the Qbt 3 tuff unit. The uranium-235 results were compared with the Qbt 2,3,4 combined tuff background value. Fallout values for americium-241, cesium-134, cesium-137, cobalt-60, and tritium are not available for tuff media. The results for these five radionuclides are evaluated based on detect status, as described in Laboratory ER-SOP 15-13, Rev 0, "Performing Background Value Comparisons for Radionuclides."

The frequency of detected radionuclides is presented in Table 3.4-11. Cesium-137 was the only detected radionuclide and was detected in both tuff samples. Sample- and location-specific information for samples in which cesium-137 was detected is presented in Table 3.4-12. None of the radionuclide results reported for the two samples collected from the mesa-top area were qualified on the basis of QC concerns.

Of the six radionuclides analyzed for in the mesa-top area tuff samples, only cesium-137 was detected as summarized in Table 3.4-13. Therefore, cesium-137 is carried forward to Section 4.0, Site Assessments, for further evaluation.

3.4.4.3 Evaluation of Organic Chemicals

PRS 21-029, Mesa-Top Area

Thirty-seven samples collected from the mesa-top area were analyzed for organic chemicals, including UST SVOCs, UST VOCs, and TPHs (diesel and gasoline ranges). Five samples were collected from fill material, and 32 samples were collected from tuff (5 tuff samples from the Qbt 2 unit and 27 tuff samples from the Qbt 3 unit).

Table 3.4-11
Frequency of Detected Radionuclides at PRS 21-029 (Mesa-Top Area)

Analyte	Sample Media	Number of Analyses	Number of Detects	Concentration Range (pCi/g)[b]	Background/ Fallout Values (pCi/g)	Frequency of Detects or Detects Above Background Value[a]
Americium-241	Qbt 3	2	0	[-0.004 to 0.018]	N.A.[c]	0/2
Cesium-134	Qbt 3	2	0	[0.019 to 0.046]	N.A.	0/2
Cesium-137	Qbt 3	2	2	0.28 to 0.32	N.A.	2/2
Cobalt-60	Qbt 3	2	0	[-0.023 to 0.05]	N.A.	0/2
Tritium	Qbt 3	2	0	[0.03 to 0.08]	N.A.	0/2
Uranium-235	Qbt 3	2	0	[0.044 to 0.081]	0.09	0/2

[a] Value is the ratio of the number of detected values exceeding the background value to the number of total analyses.
[b] Values in square brackets indicate nondetects.
[c] N.A. = not available.

Table 3.4-12
Radionuclides With Concentrations At or Exceeding Background/Fallout Values, PRS 21-029 (Mesa-Top Area)

Sample ID	Location ID	Depth (ft)	Sample Media	Cesium-137 (pCi/g)
Qbt 2,3,4 Background Value				N.A.*
MD21-01-0078	21-11240	93.00–94.00	Qbt 3	0.28
MD21-01-0079	21-11240	93.00–94.00	Qbt 3	0.32

Note: Estimated detection limits can be found in Appendix D.
* N.A. = not available.

Table 3.4-13
Results of the Radionuclide Data Review for PRS 21-029 (Mesa-Top Area)

Analyte	Media	Result	Rationale
Americium-241	Qbt3	Eliminated	Not detected
Cesium-134	Soil	Eliminated	Not detected
Cesium-137	Qbt3	Retained	Detected in two of two samples
Cobalt-60	Soil	Eliminated	Not detected
Tritium	Qbt3	Eliminated	Not detected
Uranium-235	Qbt3	Eliminated	Not detected

The frequency of detected UST-related organic chemicals by media for the mesa-top area samples is presented in Table 3.4-14. Ten organic chemicals were detected at least once, including eight SVOCs [benz(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, fluoranthene, phenanthrene, and pyrene], one VOC (toluene) and DROs. The eight SVOCs were

detected once and toluene was detected twice in the five fill material samples. DROs were detected only in Qbt 3 tuff in five of the 27 samples. No organic chemicals were detected in the five Qbt 2 tuff samples.

Table 3.4-14
Frequency of Detected UST-Related Organic Chemicals at PRS 21-029 (Mesa-Top Area)

Analyte	Sample Media	Number of Analyses	Number of Detects	Concentration Range (mg/kg)[a]	Frequency of Detects[b]
Benz(a)anthracene	Fill	5	1	0.11 to [0.7]	1/5
Benzo(a)pyrene	Fill	5	1	0.14 to [0.7]	1/5
Benzo(b)fluoranthene	Fill	5	1	0.13 to [0.7]	1/5
Benzo(k)fluoranthene	Fill	5	1	0.14 to [0.7]	1/5
Chrysene	Fill	5	1	0.13 to [0.7]	1/5
DROs	Qbt 3	27	5	[12 to 62]	5/27
Fluoranthene	Fill	5	1	0.21 to [0.7]	1/5
Phenanthrene	Fill	5	1	0.056 to [0.7]	1/5
Pyrene	Fill	5	1	0.17 to [1.8]	1/5
Toluene	Fill	5	2	0.002 to [0.006]	2/5

[a] Values in square brackets indicate nondetected results.
[b] Value is the ratio of the number of detected values to the number of total analyses.

Sample- and location-specific information for samples in which organic chemicals were detected is presented in Table 3.4-15. The eight SVOCs were detected in a single fill material sample. Toluene was detected in two fill material samples collected at two locations, including the sample in which the SVOCs were also detected. DROs were detected in five Qbt 3 tuff samples collected from varying depths at the same location. Figure 3.4-6 shows the sampling locations in the mesa-top area where the organic chemicals were detected.

One fill material sample had eight UST SVOCs qualified J because the results were less than the estimated quantitation limit (EQL) but above the method detection limit (Appendix C). DROs were also qualified as J because the results were less than the EQL but above the method detection limit. The J qualifier indicates that the concentrations are estimated because there is a greater level of uncertainty associated with detected results that fall between the EQL and the method detection limit. The toluene result for one fill sample was qualified J+ because of a high surrogate recovery. This J+ qualifier indicates that the result is estimated and may be biased high. Although some concentrations are estimated and one concentration may be biased high, the conclusion that the 10 UST-related organic chemicals were detected in the mesa-top area is unchanged. The qualifiers for sample results that were not detected are discussed in Appendix C.

Ten UST-related organic chemicals were detected in the mesa-top area and are retained as COPCs; they are summarized in Table 3.4-16. The organic chemical COPCs were carried forward to Section 4.0, Site Assessments, to evaluate the potential human health and ecological risk from exposure.

Table 3.4-15
Detected UST-Related Organic Chemicals at PRS 21-029 (Mesa-Top Area)

Sample ID	Location ID	Depth (ft)	Sample Media	Benz(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Chrysene	DROs	Fluoranthene	Phenanthrene	Pyrene	Toluene
MD21-00-0061	21-11141	0.0–1.0	Fill	0.11 (J)	0.14 (J)	0.13 (J)	0.14 (J)	0.13 (J)	—*	0.21 (J)	0.056 (J)	0.17 (J)	0.002 (J)
MD21-01-0126	21-11244	9.0–10.0	Fill	—	—	—	—	—	—	—	—	—	0.0027 (J+)
MD21-01-0130	21-11245	64.0–65.0	Qbt 3	—	—	—	—	—	18 (J)	—	—	—	—
MD21-01-0131	21-11245	69.0–70.0	Qbt 3	—	—	—	—	—	23 (J)	—	—	—	—
MD21-01-0132	21-11245	79.0–80.0	Qbt 3	—	—	—	—	—	22 (J)	—	—	—	—
MD21-01-0133	21-11245	84.0–85.0	Qbt 3	—	—	—	—	—	16 (J)	—	—	—	—
MD21-01-0134	21-11245	89.0–90.0	Qbt 3	—	—	—	—	—	20 (J)	—	—	—	—

Notes: Estimated detection limits can be found in Appendix D.
Data qualifiers are defined in Appendix C.
All units in this table are mg/kg.

* A dash indicates that the analyte was not detected.

Table 3.4-16
Results of the UST-Related Organic Chemical Data Review for PRS 21-029 (Mesa-Top Area)

Analyte	Media	Result	Rationale
Acenaphthene	Fill and tuff	Eliminated	Not detected
Anthracene	Fill and tuff	Eliminated	Not detected
Benz(a)anthracene	Fill	Retained	Detected in one of five fill material samples
Benzo(a)pyrene	Fill	Retained	Detected in one of five fill material samples
Benzo(b)fluoranthene	Fill	Retained	Detected in one of five fill material samples
Benzo(k)fluoranthene	Fill	Retained	Detected in one of five fill material samples
Chrysene	Fill	Retained	Detected in one of five fill material samples
Dibenz(a,h)anthracene	Fill and tuff	Eliminated	Not detected
Fluoranthene	Fill	Retained	Detected in one of five fill material samples
Fluorene	Fill and tuff	Eliminated	Not detected
2-Methylnaphthalene	Fill and tuff	Eliminated	Not detected
Naphthalene	Fill and tuff	Eliminated	Not detected
Phenanthrene	Fill	Retained	Detected in one of five fill material samples
Pyrene	Fill	Retained	Detected in one of five fill material samples
DROs	Qbt3	Retained	Detected in 5 of 27 Qbt 3 tuff samples
GROs	Fill and tuff	Eliminated	Not detected
Benzene	Fill and tuff	Eliminated	Not detected
1,2-Dibromoethane	Fill and tuff	Eliminated	Not detected
1,2-Dichloroethane	Fill and tuff	Eliminated	Not detected
Ethylbenzene	Fill and tuff	Eliminated	Not detected
Toluene	Fill	Retained	Detected in two of five fill material samples
Total Xylene	Fill and tuff	Eliminated	Not detected
1,2-Xylene	Fill	Eliminated	Not detected

Western Seep Investigation Area

Ninety-seven samples collected from the Western Seep Investigation Area were analyzed for organic chemicals, including UST SVOCs, UST VOCs, and TPHs, DROs and GROs). Twenty-three samples were collected from sediment, and 74 samples were collected from tuff (3 tuff samples from the Qbt 2 unit and 71 tuff samples from the Qbt 3 unit).

The frequency of detected UST-related organic chemicals by media for the Western Seep Investigation Area samples is presented in Table 3.4-17. Twenty organic chemicals were detected at least once. Thirteen SVOCs, acenaphthene, anthracene, benz(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, fluoranthene, fluorene, 2-methylnaphthalene, naphthalene, phenanthrene, and pyrene, were detected. Five VOCs, benzene, ethylbenzene, toluene, total xylene, and 1,2-xylene, were detected. TPHs were detected as both a DRO and GRO. Seventeen organic chemicals, including 12 SVOCs, ethylbenzene, toluene, total xylene, DROs, and GROs, were detected in both sediment and Qbt 3 tuff samples. Three organic chemicals, including benzene, 2-methylnaphthalene and 1,2-xylene, were detected only in Qbt 3 tuff samples. No organic chemicals were detected in the five Qbt 2 tuff samples.

Table 3.4-17
Frequency of Detected UST-Related Organic Chemicals in the Western Seep Investigation Area

Analyte	Sample Media	Number of Analyses	Number of Detects	Concentration Range (mg/kg)[a]	Frequency of Detects[b]
Acenaphthene	Sediment	22	1	0.1 to [3.7]	1/22
Acenaphthene	Qbt 3	69	2	0.052 to [8.1]	2/69
Anthracene	Sediment	23	2	0.12 to [3.7]	2/23
Anthracene	Qbt 3	69	2	0.052 to [8.1]	2/69
Benzene	Qbt 3	70	1	[0.005] to 0.015	1/70
Benz(a)anthracene	Sediment	23	5	0.14 to [3.7]	5/23
Benz(a)anthracene	Qbt 3	69	2	0.11 to [8.1]	2/69
Benzo(a)pyrene	Sediment	23	4	0.15 to [3.7]	4/23
Benzo(a)pyrene	Qbt 3	69	2	0.12 to [8.1]	2/69
Benzo(b)fluoranthene	Sediment	23	4	0.15 to [3.7]	4/23
Benzo(b)fluoranthene	Qbt 3	69	2	0.1 to [8.1]	2/69
Benzo(k)fluoranthene	Sediment	23	4	0.16 to [3.7]	4/23
Benzo(k)fluoranthene	Qbt 3	69	1	0.19 to [8.1]	1/69
Chrysene	Sediment	23	5	0.16 to [3.7]	5/23
Chrysene	Qbt 3	69	2	0.12 to [8.1]	2/69
DROs	Sediment	23	13	[4] to 18000	13/23
DROs	Qbt 3	71	18	[10] to 25000	18/71
Ethylbenzene	Sediment	23	2	[0.0048] to 0.54	2/23
Ethylbenzene	Qbt 3	70	4	[0.005] to 3.8	4/70
Fluoranthene	Sediment	23	6	0.27 to [3.7]	6/23
Fluoranthene	Qbt 3	69	3	0.12 to [8.1]	3/69
Fluorene	Sediment	22	1	0.089 to [3.7]	1/22
Fluorene	Qbt 3	69	2	0.051 to [8.1]	2/69
GROs	Sediment	23	4	[0.04] to 2000	4/23
GROs	Qbt 3	71	17	[0.04] to 59	17/71
Methylnaphthalene[2-]	Qbt 3	63	1	[0.33] to 27	1/63
Naphthalene	Sediment	23	3	0.088 to [3.7]	3/23
Naphthalene	Qbt 3	63	3	0.085 to [8.1]	3/63
Phenanthrene	Sediment	23	8	0.084 to [3.7]	8/23
Phenanthrene	Qbt 3	69	5	0.019 to [8.1]	5/69
Pyrene	Sediment	23	6	0.21 to [3.7]	6/23
Pyrene	Qbt 3	69	2	0.27 to [39]	2/69
Toluene	Sediment	23	8	0.0015 to [0.27]	8/23
Toluene	Qbt 3	70	5	0.0013 to 0.043	5/70
Xylene (total)	Sediment	23	2	[0.0048 to 0.27]	2/23
Xylene (total)	Qbt 3	70	4	[0.005] to 6.8	4/70
Xylene[1,2-]	Qbt 3	53	5	0.0016 to 2.1	5/53

[a] Values in square brackets indicate nondetected results.

[b] Value is the ratio of the number of detected values exceeding the background value to the number of total analyses.

Sample- and location-specific information for samples in which organic chemicals were detected is presented in Table 3.4-18. Figure 3.4-7 shows the sampling locations in the Western Seep Investigation Area where the organic chemicals were detected.

For the Western Seep Investigation Area, the following organic data were rejected during ER routine validation:

- The semivolatile analysis for sample MD21-00-0091 was rejected for the target analytes acenaphthene, anthracene, benz(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenz(a,h)anthracene, fluoranthene, fluorene, methylnaphthalene[2-], naphthalene, phenanthrene, and pyrene because the surrogate recoveries associated with these analytes were less than 10%.
- The semivolatile analysis for sample MD21-01-0151 was rejected for the target analytes acenaphthene and fluorene because the internal standard recoveries associated with these analytes were outside of the required method recovery range.
- The target analyte 2-methylnaphthalene was rejected for samples MD21-01-0191, MD21-01-0192, MD21-01-0193, MD21-01-0194, MD21-01-0195, MD21-01-0196, and MD21-01-0197 because the laboratory control sample recovery for this analyte was less than 10%.
- The target analyte naphthalene was rejected for samples MD21-01-0191, MD21-01-0192, MD21-01-0194, MD21-01-0195, MD21-01-0196, and MD21-01-0197 because the laboratory control sample recovery for this analyte was less than 10%.

Some of the detected organic chemical data were qualified with either a J (result is estimated), a J+ (result is estimated and may be biased high), or a J- (result is estimated and may be biased low) (Appendix C). The J-qualified results, except for GROs in two samples, are less than the EQL but above the method detection limit. Two samples analyzed for GROs have J-qualified results because the calibration verification did not meet method requirements. Sample results were qualified with a J- based on either a low surrogate recovery, a low laboratory control standard recovery, or in the case of two samples analyzed for GROs, a holding time was exceeded. Sample results were qualified with a J+ because of a high surrogate recovery. The qualifiers for sample results that were not detected are provided in Appendix C.

Twenty UST-related organic chemicals were detected and retained as COPCs in the Western Seep Investigation Area (Table 3.4-19). They will be evaluated further as part of the canyons investigation of DP and Los Alamos Canyons.

Eastern Seep Investigation Area

Thirty-eight samples collected from the Eastern Seep Investigation Area were analyzed for DROs and GROs. Thirty-seven samples were analyzed for UST SVOCs and UST VOCs. Nine samples were collected from sediment material, and 29 tuff samples were collected from the Qbt 3 unit.

The frequency of detected UST-related organic chemicals by media for the Eastern Seep Investigation Area is presented in Table 3.4-20. Thirteen organic chemicals were detected at least once. Nine SVOCs, anthracene, benz(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, fluoranthene, phenanthrene, and pyrene, were detected. Two VOCs, toluene and total xylene, were detected. TPHs were detected as both DRO and GRO. Seven organic chemicals, including four SVOCs, toluene, DROs, and GROs were detected in both sediment and Qbt 3 tuff samples. Six organic chemicals, including five SVOCs and 1,2-xylene, were detected only in sediment samples.

Table 3.4-18
Detected UST-Related Organic Chemicals in the Western Seep Investigation Area

Sample ID	Location ID	Depth (ft)	Sample Media	Acenaphthene	Anthracene	Benzene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Chrysene	DROs	Ethylbenzene
MD21-00-0078	21-11125	0.0–0.5	Sediment	—*	—	—	—	—	—	—	—	52	—
MD21-00-0079	21-11126	0.0–0.5	Sediment	—	—	—	—	—	—	—	—	66	—
MD21-00-0080	21-11127	0.0–0.5	Sediment	—	—	—	—	—	—	—	—	69	—
MD21-00-0081	21-11128	0.0–0.5	Sediment	—	—	—	—	—	—	—	—	73	—
MD21-00-0035	21-11129	0.0–0.5	Sediment	—	—	—	—	—	—	—	—	37	—
MD21-00-0036	21-11130	0.0–0.5	Sediment	—	—	—	—	—	—	—	—	460	—
MD21-00-0063	21-11142	1.0–2.0	Qbt 3	0.052 (J)	0.052 (J)	—	0.16 (J)	0.21 (J)	0.16 (J)	0.19 (J)	0.19 (J)	—	—
MD21-00-0091	21-11147	63.0–65.0	Qbt 3	—	—	—	—	—	—	—	—	—	—
MD21-00-0092	21-11147	69.0–70.0	Qbt 3	—	—	—	—	—	—	—	—	—	—
MD21-00-0118	21-11157	2.0–2.5	Qbt 3	—	—	—	—	—	—	—	—	210	—
MD21-00-0120	21-11162	6.0–6.5	Qbt 3	—	—	—	—	—	—	—	—	63 (J+)	—
MD21-00-0147	21-11173	0.0–0.5	Sediment	—	—	—	—	—	—	—	—	86 (J+)	—
MD21-00-0148	21-11173	0.5–1.5	Qbt 3	—	—	—	—	—	—	—	—	180 (J+)	—
MD21-01-0098	21-11229	38.4–39.3	Qbt 3	—	—	—	—	—	—	—	—	51	—
MD21-01-0107	21-11231	45.0–45.5	Qbt 3	—	—	—	—	—	—	—	—	—	—
MD21-01-0080	21-11233	0.0–0.1	Sediment	—	—	—	—	—	—	—	—	250	—
MD21-01-0082	21-11235	0.0–0.1	Sediment	—	—	—	—	—	—	—	—	—	—
MD21-01-0087	21-11236	0.0–0.1	Sediment	—	—	—	0.2 (J)	0.15 (J)	0.24 (J)	0.21 (J)	0.23 (J)	—	—
MD21-01-0083	21-11237	0.0–0.1	Sediment	—	—	—	—	—	—	—	—	—	—
MD21-01-0084	21-11237	0.0–0.1	Sediment	—	—	—	0.14 (J-)	0.16 (J-)	0.15 (J-)	0.16 (J-)	0.16 (J-)	—	—
MD21-01-0085	21-11238	0.0–0.1	Sediment	—	—	—	0.43	0.46	0.47	0.43	0.46	—	—
MD21-01-0086	21-11239	0.0–0.1	Sediment	—	—	—	0.4 (J)	0.4 (J)	0.42 (J)	0.42 (J)	0.44	—	—
MD21-01-0142	21-11248	0.0–0.5	Sediment	—	—	—	—	—	—	—	—	11000	—

Table 3.4-18 (continued)

Sample ID	Location ID	Depth (ft)	Sample Media	Acenaphthene	Anthracene	Benzene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Chrysene	DROs	Ethylbenzene
MD21-01-0144	21-11249	3.5–4.0	Qbt 3	—	—	—	—	—	—	—	—	—	—
MD21-01-0148	21-11250	3.5–4.0	Qbt 3	—	—	—	—	—	—	—	—	—	—
MD21-01-0150	21-11251	3.0–3.5	Sediment	—	—	—	—	—	—	—	—	8900	0.2 (J)
MD21-01-0151	21-11251	3.0–3.5	Sediment	—	—	—	—	—	—	—	—	6700	0.54
MD21-01-0152	21-11252	1.5–2.0	Qbt 3	—	—	—	—	—	—	—	—	—	—
MD21-01-0186	21-11262	0.0–0.40	Qbt 3	—	—	—	—	—	—	—	—	15 (J)	—
MD21-01-0187	21-11262	0.5–1.2	Qbt 3	—	—	—	—	—	—	—	—	1900 (J)	—
MD21-01-0188	21-11262	0.5–1.2	Qbt 3	—	—	—	—	—	—	—	—	2300 (J)	—
MD21-01-0189	21-11262	6.7–7.3	Qbt 3	—	—	—	—	—	—	—	—	—	—
MD21-01-0190	21-11262	8.5–9.0	Qbt 3	—	—	—	—	—	—	—	—	31	—
MD21-01-0193	21-11263	1.5–2.0	Sediment	0.1 (J-)	0.12 (J)	—	0.26 (J)	—	—	—	0.29 (J)	92	—
MD21-01-0194	21-11263	2.5–3.0	Qbt 3	—	—	—	—	—	—	—	—	9300	—
MD21-01-0195	21-11263	2.5–3.0	Qbt 3	—	—	—	—	—	—	—	—	6000	0.0074 (J+)
MD21-01-0196	21-11263	4.5–5.0	Qbt 3	—	—	0.015 (J+)	—	—	—	—	—	25000	3.8
MD21-01-0197	21-11263	5.9–6.3	Qbt 3	—	—	—	—	—	—	—	—	3500	0.028 (J+)
MD21-01-0198	21-11263	9.6–10.3	Qbt 3	—	6.9	—	—	—	—	—	—	16000	0.11 (J)
MD21-01-0199	21-11263	11.5–12.0	Qbt 3	—	—	—	—	—	—	—	—	1000 (J)	—
MD21-01-0200	21-11263	12.5–13.0	Qbt 3	—	—	—	—	—	—	—	—	160	—
MD21-01-0201	21-11263	15.6–16.2	Qbt 3	0.083 (J)	—	—	0.11 (J)	0.12 (J)	0.1 (J)	—	0.12 (J)	57	—
MD21-01-0191	21-11264	0.0–0.30	Qbt 3	—	—	—	—	—	—	—	—	—	—
MD21-01-0205	21-11265	1.3–1.8	Sediment	—	1.8 (J)	—	—	—	—	—	—	18000	—
MD21-01-0206	21-11265	3.0–3.3	Qbt 3	—	—	—	—	—	—	—	—	1800 (J+)	—
MD21-01-0207	21-11265	6.3–6.8	Qbt 3	—	—	—	—	—	—	—	—	770	—

Table 3.4-18 (continued)

Sample ID	Location ID	Depth (ft)	Sample Media	Fluoranthene	Fluorene	GROs	Methylnaphthalene[2-]	Naphthalene	Phenanthrene	Pyrene	Toluene	Xylene (total)	Xylene[1,2-]
MD21-00-0078	21-11125	0.00–0.50	Sediment	—	—	—	—	—	—	—	—	—	—
MD21-00-0079	21-11126	0.00–0.50	Sediment	—	—	—	—	—	—	—	—	—	—
MD21-00-0080	21-11127	0.00–0.50	Sediment	2.8 (J)	—	—	—	—	2.7 (J)	3 (J)	—	—	—
MD21-00-0081	21-11128	0.00–0.50	Sediment	—	—	—	—	—	—	—	—	—	—
MD21-00-0035	21-11129	0.00–0.50	Sediment	—	—	—	—	—	—	—	—	—	—
MD21-00-0036	21-11130	0.00–0.50	Sediment	—	—	0.057 (J)	—	—	—	—	—	—	—
MD21-00-0063	21-11142	1.00–2.00	Qbt 3	0.32 (J)	0.051 (J)	0.11 (J)	—	0.085 (J)	0.3 (J)	0.36 (J)	—	—	—
MD21-00-0091	21-11147	63.00–65.00	Qbt 3	—	—	0.13	—	—	—	—	—	—	—
MD21-00-0092	21-11147	69.00–70.00	Qbt 3	—	—	0.093	—	—	—	—	—	—	—
MD21-00-0118	21-11157	2.00–2.50	Qbt 3	—	—	—	—	—	0.097 (J)	—	—	—	—
MD21-00-0120	21-11162	6.00–6.50	Qbt 3	—	—	—	—	—	0.019 (J)	—	—	—	—
MD21-00-0147	21-11173	0.00–0.50	Sediment	—	—	—	—	—	—	—	—	—	—
MD21-00-0148	21-11173	0.50–1.50	Qbt 3	—	—	—	—	—	—	—	—	—	—
MD21-01-0098	21-11229	38.40–39.30	Qbt 3	—	—	—	—	—	—	—	—	—	—
MD21-01-0107	21-11231	45.00–45.50	Qbt 3	—	—	0.36	—	—	—	—	—	—	—
MD21-01-0080	21-11233	0.00–0.07	Sediment	—	—	—	—	—	—	—	0.0026 (J+)	—	—
MD21-01-0082	21-11235	0.00–0.07	Sediment	—	—	—	—	—	—	—	0.0015 (J+)	—	—
MD21-01-0087	21-11236	0.00–0.13	Sediment	0.31 (J)	—	—	—	—	0.16 (J)	0.31 (J)	0.0024 (J+)	—	—
MD21-01-0083	21-11237	0.00–0.13	Sediment	—	—	—	—	—	—	—	0.0072 (J+)	—	—
MD21-01-0084	21-11237	0.00–0.13	Sediment	0.27 (J-)	—	—	—	—	0.084 (J-)	0.21 (J-)	0.014 (J+)	0.0052	—
MD21-01-0085	21-11238	0.00–0.13	Sediment	0.59	—	—	—	—	0.23 (J)	0.72 (J)	0.007 (J+)	—	—
MD21-01-0086	21-11239	0.00–0.13	Sediment	0.64	—	—	—	—	0.26 (J)	0.53 (J)	0.016 (J+)	0.0068	—
MD21-01-0142	21-11248	0.00–0.50	Sediment	—	—	890	—	—	—	—	—	—	—
MD21-01-0144	21-11249	3.50–4.00	Qbt 3	—	—	—	—	—	—	—	0.0013 (J)	—	—
MD21-01-0148	21-11250	3.50–4.00	Qbt 3	0.12 (J)	—	—	—	—	—	—	—	—	—

Table 3.4-18 (continued)

Sample ID	Location ID	Depth (ft)	Sample Media	Fluoranthene	Fluorene	GROs	Methylnaphthalene[2-]	Naphthalene	Phenanthrene	Pyrene	Toluene	Xylene (total)	Xylene[1,2-]
MD21-01-0150	21-11251	3.00–3.50	Sediment	—	—	2000 (J-)	—	0.71	2.3	—	—	—	—
MD21-01-0151	21-11251	3.00–3.50	Sediment	—	—	1100 (J-)	—	0.7	2.3	—	—	—	—
MD21-01-0152	21-11252	1.50–2.00	Qbt 3	—	—	—	—	—	—	—	0.0094 (J+)	—	—
MD21-01-0186	21-11262	0.00–0.40	Qbt 3	—	—	—	—	—	—	—	—	—	—
MD21-01-0187	21-11262	0.50–1.20	Qbt 3	—	—	5.9	—	—	—	—	—	—	—
MD21-01-0188	21-11262	0.50–1.20	Qbt 3	—	—	4.3	—	—	—	—	—	—	—
MD21-01-0189	21-11262	6.70–7.35	Qbt 3	—	—	0.4	—	—	—	—	—	—	—
MD21-01-0190	21-11262	8.50–9.00	Qbt 3	—	—	—	—	—	—	—	—	—	—
MD21-01-0193	21-11263	1.50–2.00	Sediment	0.59 (J)	0.089 (J-)	—	—	0.088 (J-)	0.58 (J)	0.56	0.0023 (J)	—	—
MD21-01-0194	21-11263	2.50–3.00	Qbt 3	—	—	11	—	—	—	—	—	—	—
MD21-01-0195	21-11263	2.50–3.00	Qbt 3	—	—	13	—	—	—	—	—	—	—
MD21-01-0196	21-11263	4.50–5.00	Qbt 3	—	—	59 (J+)	—	—	—	—	0.043	6.8	2.1
MD21-01-0197	21-11263	5.90–6.30	Qbt 3	—	—	13 (J-)	—	—	—	—	0.0014 (J+)	0.049 (J+)	0.015 (J+)
MD21-01-0198	21-11263	9.60–10.30	Qbt 3	—	—	41 (J-)	27	6.8	—	—	0.0041 (J+)	0.63	0.33
MD21-01-0199	21-11263	11.50–12.00	Qbt 3	—	—	15	—	—	0.17 (J)	—	—	0.0059 (J+)	0.003 (J+)
MD21-01-0200	21-11263	12.50–13.00	Qbt 3	—	—	0.8 (J-)	—	—	—	—	—	—	—
MD21-01-0201	21-11263	15.60–16.20	Qbt 3	0.28 (J)	0.1 (J)	0.44	—	0.13 (J)	0.47	0.27 (J)	—	—	0.0016 (J)
MD21-01-0191	21-11264	0.00–0.30	Qbt 3	—	—	1.1	—	—	—	—	—	—	—
MD21-01-0205	21-11265	0.00–0.50	Sediment	—	—	—	—	—	—	—	—	—	—
MD21-01-0206	21-11265	1.70–2.00	Qbt 3	—	—	0.52	—	—	—	—	—	—	—
MD21-01-0207	21-11265	5.00–5.50	Qbt 3	—	—	—	—	—	—	—	—	—	—

Notes: Estimated detection limits can be found in Appendix D.
Data qualifiers are defined in Appendix C.

* A dash indicates that the analyte was not detected.

Table 3.4-19
Results of the UST-Related Organic Chemical Data Review for Western Seep Investigation Area

Analyte	Media	Result	Rationale
Acenaphthene	Sediment Qbt3	Retained	Detected in three of 91 samples
Anthracene	Sediment Qbt3	Retained	Detected in four of 92 samples
Benz(a)anthracene	Sediment Qbt3	Retained	Detected in seven of 92 samples
Benzo(a)pyrene	Sediment Qbt3	Retained	Detected in six of 92 samples
Benzo(b)fluoranthene	Sediment Qbt3	Retained	Detected in six of 92 samples
Benzo(k)fluoranthene	Sediment Qbt3	Retained	Detected in five of 92 samples
Chrysene	Sediment Qbt3	Retained	Detected in seven of 92 samples
Dibenz(a,h)anthracene	Sediment Qbt3	Eliminated	Not detected
Fluoranthene	Sediment Qbt3	Retained	Detected in nine of 92 samples
Fluorene	Sediment Qbt3	Retained	Detected three of 91 samples
2-Methylnaphthalene	Sediment Qbt3	Retained	Detected in one of 63 samples
Naphthalene	Sediment Qbt3	Retained	Detected in six of 86 samples
Phenanthrene	Sediment Qbt3	Retained	Detected in 13 of 92 samples
Pyrene	Sediment Qbt3	Retained	Detected in eight of 92 samples
DROs	Sediment Qbt3	Retained	Detected in 31 of 94 samples
GROs	Sediment Qbt3	Retained	Detected in 21 of 94 samples
Benzene	Qbt3	Retained	Detected in 1 of 70 sample
1,2-Dibromoethane	Sediment Qbt3	Eliminated	Not detected
1,2-Dichloroethane	Sediment Qbt3	Eliminated	Not detected
Ethylbenzene	Sediment Qbt3	Retained	Detected in six of 93 samples
Toluene	Sediment Qbt3	Retained	Detected in 13 of 93 samples
Total Xylene	Sediment Qbt3	Retained	Detected in six of 93 samples
1,2-Xylene	Qbt3	Retained	Detected in five of 53 samples

Table 3.4-20
Eastern Seep Investigation Area Frequency of Detected UST-Related Organic Chemicals

Analyte	Sample Media	Number of Analyses	Number of Detects	Concentration Range (mg/kg)[a]	Frequency of Detects[b]
Anthracene	Sediment	8	1	[0.35 to 4.2]	1/8
Benz(a)anthracene	Sediment	8	2	0.043 to [4.2]	2/8
Benz(a)anthracene	Qbt 3	29	1	0.091 to [8.4]	1/29
Benzo(a)pyrene	Sediment	8	2	0.062 to [4.2]	2/8
Benzo(b)fluoranthene	Sediment	8	2	0.062 to [4.2]	2/8
Benzo(k)fluoranthene	Sediment	8	2	0.068 to [4.2]	2/8
Chrysene	Sediment	8	2	0.062 to [4.2]	2/8
Chrysene	Qbt 3	29	1	0.12 to [8.4]	1/29
DROs	Sediment	9	6	[27] to 1800	6/9
DROs	Qbt 3	29	8	[14] to 7800	8/29
Fluoranthene	Sediment	8	2	0.11 to [4.2]	2/8
Fluoranthene	Qbt 3	29	1	0.22 to [8.4]	1/29
GROs	Sediment	9	4	[0.13 to 24]	4/9
GROs	Qbt 3	29	12	[0.048] to 2300	12/29
Phenanthrene	Sediment	8	2	0.31 to [4.2]	2/8
Pyrene	Sediment	8	1	0.41 to [11]	1/8
Pyrene	Qbt 3	29	1	0.19 to [41]	1/29
Toluene	Sediment	8	3	0.001 to [0.0071]	3/8
Toluene	Qbt 3	29	1	0.0015 to [0.0066]	1/29
Xylene (total)	Sediment	8	1	0.002 to [0.0071]	1/8

[a] Values in square brackets indicate nondetected results.
[b] Value is the ratio of the number of detected values to the number of total analyses.

Sample- and location-specific information for samples in which organic chemicals were detected is presented in Table 3.4-21. Four SVOCs, benz(a)anthracene, chrysene, fluoranthene, and pyrene, were detected in a single Qbt 3 tuff sample. Nine SVOCs were detected in three sediment samples with varying frequencies. Benz(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, and fluoranthene were detected in the same two sediment samples. Phenanthrene and pyrene were detected in one of these same two sediment samples. Anthracene and phenanthrene were detected in a third sediment sample, along with toluene and total xylene. Toluene was detected in two other sediment samples in which either DROs or GROs were also detected. DROs were detected in six of nine sediment samples, and GROs were detected in four of nine sediment samples; they were detected together in only three sediment samples. DROs were detected in 8 of 29 Qbt 3 samples, and GROs were detected in 12 of 29 Qbt 3 samples; they were detected together in 6 Qbt 3 samples. Figure 3.4-8 shows the sampling locations in the Eastern Seep Investigation Area where the organic chemicals were detected.

Table 3.4-21
Detected UST-Related Organic Chemicals at the Eastern Seep Investigation Area

Sample ID	Location ID	Depth (ft)	Sample Media	Anthracene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Chrysene	DROs	Fluoranthene	GROs	Phenanthrene	Pyrene	Toluene	Xylene (total)
MD21-00-0076	21-11123	0.0–0.5	Sediment	—*	—	—	—	—	—	73	—	—	—	—	—	—
MD21-00-0087	21-11161	0.0–0.5	Sediment	—	—	—	—	—	—	1100	—	8.8	—	—	—	—
MD21-00-0165	21-11181	5.0–6.0	Sediment	0.38 (J)	—	—	—	—	—	1800	—	—	0.36 (J)	—	0.001 (J)	0.002 (J)
MD21-01-0075	21-11246	0.0–0.5	Sediment	—	0.2 (J)	0.22 (J)	0.2 (J)	0.18 (J)	0.24 (J)	—	0.5 (J)	—	0.31 (J)	0.41 (J)	—	—
MD21-01-0156	21-11254	1.5–2.0	Sediment	—	0.043 (J)	0.062 (J)	0.062 (J)	0.068 (J)	0.062 (J)	86	0.11 (J)	0.26	—	—	—	—
MD21-01-0157	21-11254	2.8–3.5	Qbt 3	—	—	—	—	—	—	380 (J+)	—	21	—	—	—	—
MD21-01-0158	21-11254	4.5–5.0	Qbt 3	—	—	—	—	—	—	—	—	0.61	—	—	—	—
MD21-01-0160	21-11255	9.5–10.0	Qbt 3	—	—	—	—	—	—	7800	—	—	—	—	0.0015 (J+)	—
MD21-01-0161	21-11255	11.5–12.0	Qbt 3	—	—	—	—	—	—	2400	—	46	—	—	—	—
MD21-01-0162	21-11255	15.8–16.8	Qbt 3	—	—	—	—	—	—	—	—	5	—	—	—	—
MD21-01-0163	21-11256	1.8–2.1	Sediment	—	—	—	—	—	—	—	—	0.67	—	—	0.0047 (J+)	—
MD21-01-0165	21-11256	5.5–6.0	Qbt 3	—	—	—	—	—	—	4600	—	2300	—	—	—	—
MD21-01-0166	21-11257	1.5–2.0	Qbt 3	—	0.091 (J)	—	—	—	0.12 (J)	320	0.22 (J)	1 (J-)	—	0.19 (J)	—	—
MD21-01-0167	21-11257	3.5–4.0	Qbt 3	—	—	—	—	—	—	470	—	670	—	—	—	—
MD21-01-0170	21-11258	1.5–2.0	Sediment	—	—	—	—	—	—	1200 (J+)	—	—	—	—	0.0043 (J+)	—
MD21-01-0171	21-11258	3.5–4.0	Qbt 3	—	—	—	—	—	—	300 (J+)	—	—	—	—	—	—
MD21-01-0174	21-11258	9.5–10.0	Qbt 3	—	—	—	—	—	—	—	—	460	—	—	—	—
MD21-01-0175	21-11258	14.3–14.7	Qbt 3	—	—	—	—	—	—	—	—	0.6 (J-)	—	—	—	—
MD21-01-0176	21-11258	15.5–16.0	Qbt 3	—	—	—	—	—	—	—	—	0.6	—	—	—	—
MD21-01-0179	21-11259	5.5–6.0	Qbt 3	—	—	—	—	—	—	7800	—	1200	—	—	—	—
MD21-01-0180	21-11259	12.0–12.7	Qbt 3	—	—	—	—	—	—	—	—	2.2	—	—	—	—
MD21-01-0184	21-11261	1.5–2.0	Sediment	—	—	—	—	—	—	190	—	1.2	—	—	—	—

Notes: EQLs can be found in Appendix D.
Data qualifiers are defined in Appendix C.
All units in this table are in mg/kg.

* A dash indicates that the analyte was not analyzed for or was not detected.

The 13 organic chemicals that were detected at least once in the Eastern Seep Investigation Area were qualified with either a J (result is estimated), a J+ (result is estimated and may be biased high), or a J- (result is estimated and may be biased low) (Appendix C) in at least one sample. All J-qualified results are estimated because the result is less than the EQL but greater than the method detection limit. Two GRO results are qualified as J- because of a low surrogate recovery. Three samples analyzed for DROs and three samples analyzed for toluene had results that were qualified J+ because of a high surrogate recovery. The qualifiers for sample results that were not detected are discussed in Appendix C.

Thirteen UST-related organic chemicals were detected and retained as COPCs in the Eastern Seep Investigation Area (Table 3.4-22). They will be evaluated further as part of the canyons investigation of DP and Los Alamos Canyons.

3.4.4.4 Revised Conceptual Model

The revised conceptual model integrates information from the Phase II RFI field activities with existing knowledge concerning the physical environment at PRS 21-029. In Section 3.4.4.4.1, information obtained from environmental samples collected during 2000 and 2001 is used to update the previous understanding of the nature and extent of contamination. Similarly, the previous understanding of relevant chemical fate and transport mechanisms is revised in Section 3.4.4.4.2. The information presented in this section represents the current understanding of site lithology, the nature of the fractures present in the Bandelier Tuff, and site hydrology.

3.4.4.4.1 Nature and Extent of Contamination

Petroleum hydrocarbon contamination detected in the surface and subsurface samples collected during this investigation and fingerprinted for petroleum type were characterized as weathered diesel and gasoline. Contamination within the PRS boundary (mesa-top area) and in the seep areas includes lead, DROs, GROs, and UST-related organic chemicals. The analytical results for PRS 21-029 support the preliminary conceptual model, which states that no bulk sources of contamination remain at the site and that the residual contamination is present mainly in fractures. This information supports previous findings, which identified diesel and gasoline as the classification of petroleum hydrocarbon contamination detected, and the proposal made in the preliminary conceptual model that DP Tank Farm was the probable source of petroleum hydrocarbons detected in the DP Canyon stream channel.

Mesa Top Extent

The horizontal and vertical extent of contamination for the mesa-top subsurface area has been defined using analytical results and historical information. According to the Phase II RFI work plan (Environmental Restoration Project 1998, 59976), the extent of contamination is defined relative to whole, competent tuff. It was not expected, or required, that extent be defined relative to contamination that may exist in fractures within the tuff.

Lead was detected in fill above background in three samples to a maximum depth of 10 ft bgs and in tuff above background in two samples to a maximum depth of 22.5 ft bgs (Table 3.4-6). UST-related organic chemicals [benz(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, fluoranthene, phenanthrene, pyrene, and toluene] were detected in one sample in the southern portion of the PRS at 1 ft bgs, and toluene was detected in one other sample in the northern part of the PRS at a depth of 10 ft bgs (Table 3.4-15, Figure 3.4-6). Concentrations of lead and UST-related organic chemicals decreased to either below background or below detection limits in deeper samples at these locations. Box plots of the UST-related organic chemicals are presented in Appendix E.

Table 3.4-22
Results of the UST-Related Organic Chemical Data Review for the Eastern Seep Investigation Area

Analyte	Media	Result	Rationale
Acenaphthene	Sediment Qbt3	Eliminated	Not detected
Anthracene	Sediment	Retained	Detected in one of eight sediment samples
Benz(a)anthracene	Sediment Qbt3	Retained	Detected in 3 of 37 samples
Benzo(a)pyrene	Sediment	Retained	Detected in two of eight sediment samples
Benzo(b)fluoranthene	Sediment	Retained	Detected in two of eight sediment samples
Benzo(k)fluoranthene	Sediment	Retained	Detected in two of eight sediment samples
Chrysene	Sediment Qbt3	Retained	Detected in 3 of 37 samples
Dibenz(a,h)anthracene	Sediment Qbt3	Eliminated	Not detected
Fluoranthene	Sediment Qbt3	Retained	Detected in three samples
Fluorene	Sediment Qbt3	Eliminated	Not detected
2-Methylnaphthalene	Sediment Qbt3	Eliminated	Not detected
Naphthalene	Sediment Qbt3	Eliminated	Not detected
Phenanthrene	Sediment Qbt3	Retained	Detected in two of eight sediment samples
Pyrene	Sediment Qbt3	Retained	Detected in 2 of 37 samples
DROs	Sediment Qbt3	Retained	Detected in 14 of 38 samples
GROs	Sediment Qbt3	Retained	Detected in 16 of 38 samples
Benzene	Sediment Qbt3	Eliminated	Not detected
1,2-Dibromoethane	Sediment Qbt3	Eliminated	Not detected
1,2-Dichloroethane	Sediment Qbt3	Eliminated	Not detected
Ethylbenzene	Sediment Qbt3	Eliminated	Not detected
Toluene	Sediment Qbt3	Retained	Detected in 4 of 37 samples
Total Xylene	Sediment Qbt3	Retained	Detected in one of eight sediment sample
1,2-Xylene	Sediment Qbt3	Eliminated	Not detected

DROs were only detected in one borehole located northeast of tank 9 within the PRS (Figure 3.4-6) at depths of 64 ft to 90 ft bgs. DRO concentrations in this borehole (location 21-11245) range between 16 ppm and 23 ppm. The vertical extent of contamination is defined because analytical results for the bottom sample (103 ft to 104 ft bgs) did not have detected concentrations of DROs (Figure L-2, Appendix L). Horizontal extent of DRO contamination on the mesa top is represented by boreholes on the west (locations 21-11156 and 21-11155), the south (locations 21-11150 and 21-11151), and the east (locations 21-11153, 21-11154, 21-11232, 21-11240, and 21-11244) because they did not report any detected concentrations of DROs (Figure 3.4-6). Appendix E includes the box plots of data for DROs for PRS 21-029 and summarizes the distribution of DRO concentrations in the fill and tuff.

GROs were not detected in any of the samples collected from PRS 21-029 as part of the Phase II RFI.

Western Seep Investigation Area Extent

In accordance with the Phase II RFI work plan (Environmental Restoration Project 1998, 59976), the extent of subsurface petroleum-hydrocarbons has been defined at the western seep area. DROs were detected in several boreholes and auger holes within the investigation area (Table 3.4-18, Figure 3.4-7). Concentrations ranged between 15 ppm and 25,000 ppm, with the maximum concentration detected in borehole 21-11263 (5 ft bgs), which was located near the western edge of the Western Seep Investigation Area (Figure 3.4-7). Concentrations of DROs in this borehole decreased to below detection limits at 17 ft to 20.6 ft bgs (Figure L-4, Appendix L). DROs at a concentration of 51 ppm and at a vertical depth of 36.2 ft bgs were detected in one angled borehole (location 21-11229) on the slope north of PRS 21-029 and south of the western seep area (Figure 3.4-7). No DROs were detected in angled borehole 21-11230, which intersected borehole 21-11229 at approximately 31-44 ft bgs. Similarly, the concentrations of DROs at other locations decreased with depth where deeper samples were collected. Because DROs were not detected in six hand-auger holes (locations 21-11267, 21-11249, 21-11250, and 21-11266, 21-11264, and 21-11252) that are spread throughout the Western Seep Investigation Area the lateral extent of DROs is defined (Figure 3.4-7). Appendix E includes the box plots of DROs data for the Western Seep Investigation Area.

GRO concentrations were also detected in several boreholes and auger holes within the Western Seep Investigation Area (Table 3.4-18, Figure 3.4-7). Concentrations ranged between 0.057 ppm and 2000 ppm. The greatest depth of GRO concentrations (0.44 ppm) beneath the stream channel was 16.2 ft bgs in auger hole 21-11263, which was less than GRO concentrations reported in shallower samples in this auger hole. The vertical extent of contamination is defined because GRO concentrations show a decreasing trend at all locations where deeper samples were collected, and no GROs were detected below a vertical depth of approximately 42 ft bgs. GROs were not detected in boreholes 21-11230, 21-11241, 21-11242, 21-11243, and 21-11148 or in hand auger holes 21-11267, 21-11249, 21-11250, 21-11162, 21-11266, 21-11252, and 21-11257, thereby bounding the lateral extent (Figure 3.4-7). Appendix E includes the box plots of data for GROs for the Western Seep Investigation Area.

Eastern Seep Investigation Area Extent

The general extent of hydrocarbon contamination has been bounded in accordance with the Phase II RFI work plan (Environmental Restoration Project 1998, 59976), where it was recognized that limitations imposed by the canyon topography may make the exact determination of extent impractical. On the northern side of the eastern seep area, topographic limitations included a steep canyon wall adjacent to the stream channel. As a result, continued hand-auger sampling along the north side of the eastern seep area was not feasible.

DROs were detected in several boreholes and auger holes within the Eastern Seep Investigation Area (Table 3.4-21, Figure 3.4-8). Concentrations ranged between 73 ppm and 7800 ppm, with the maximum concentration detected in auger hole 21-11255 (10 ft bgs), which was located on the northern bank of the stream channel, and auger hole 21-11259 (6 ft bgs), which was located on the southern bank of the stream channel (Figure 3.4-8). Although the greatest depth of DRO concentrations beneath the stream channel was 12 ft bgs in borehole 21-11255 (2400 ppm), the DRO concentrations decreased with depth and were not detected at 16.8 ft. The vertical extent of DROs is defined in the Eastern Seep Investigation Area because DRO concentrations decreased with depth at all locations where deeper samples were collected. DROs were not detected at locations 21-11253 and 21-11260, which are located south of the stream channel and towards the western edge of the eastern seep (Figure 3.4-8), thereby bounding the lateral extent of DROs. Appendix E includes the box plots of data for DROs for the Eastern Seep Investigation Area.

GRO concentrations were also detected in several boreholes and auger holes (Table 3.4-21, Figure 3.4-8). Concentrations range between 0.26 ppm and 2300 ppm, with the maximum concentration detected in borehole 21-11256 (5.5 ft to 6.0 ft bgs) (Figure 3.4-8). The vertical extent of contamination is defined because GRO concentrations show a decreasing trend at all locations where deeper samples were collected, and no GROs were detected below a vertical depth of approximately 16.8 ft bgs. GROs were not detected at locations 21-11181, 21-11253, and 21-11260, thereby bounding the GROs in the Eastern Seep Investigation Area (Figure 3.4-8). Appendix E includes the box plots of data for GROs for the Eastern Seep Investigation Area.

In general, the number of detects and/or the concentrations of TPHs (GROs and DROs) and UST-related organic chemicals decreased from west to east in DP Canyon (Appendix E). The decreasing trend down the canyon is further supported by the data in the reach report for DP Canyon (Environmental Restoration Project 1999, 63915), which found that petroleum hydrocarbon concentrations are dispersed throughout the entire length of DP Canyon and show a decreasing trend from the head of DP Canyon to the confluence with Los Alamos Canyon.

3.4.4.4.2 Environmental Fate and Transport

Using the preliminary conceptual model and the interpretation of information gathered during the 2000 and 2001 Phase II RFI, the conceptual model of contaminant transport has been revised to reflect the current understanding of fate and transport of contaminants from PRS 21-029.

PRS 21-029, Mesa-Top Area

Integrating historical information and investigation data, allowed the identification of the most probable sources of hydrocarbon contamination at the PRS. These findings are consistent with sources identified in the preliminary conceptual model. The sources are the West Fill Station, the East Fill Station, and tank 9 and/or 10. The releases in the area of the two fill stations are related to a series of small spills during fueling operations. Archived information that supports this conclusion is significant and includes the following: the quantity of fuel transferred during tank farm operations (7,500,000 gal. in 1946 alone), fueling conducted on a dirt road, fueling operations not automated (i.e., no safety shut-off valves), saturated soil observed at both stations in 1983 and 1988, removal of 375 yd^3 of visually contaminated soil from both fueling areas during the 1988 decommissioning (most of the contaminated soil was at the East Fill Station), no evidence of spills at any other locations (except tank 10), and the removal of petroleum-contaminated soil from the East Fill Station during the 1996 VCA (Environmental Restoration Project 1998, 59976; Environmental Restoration Project 1999, 64829).

The shape of the hydrocarbon contamination plume at the East Fill Station before the 1996 VCA provides significant insight into the release history at the East Fill Station. The East Fill Station has been identified

as the largest source of contamination at DP Tank Farm. The hydrocarbon fuel initially migrates downward from the immediate area of release and spreads laterally (below grade) and vertically to form an oval-shaped body (Dragun 1988, 57645). The shape of this plume matches the distribution pattern identified during studies using capillary networks resulting from a slow leak of hydrocarbon fuel when a preferred flow channel i.e., fracture(s), is not initially present (Dragun 1988, 57645). If the body encounters macropores, as it grows, then these will serve as the preferred flow channels (Dragun 1988, 57645). This is consistent with the distribution pattern seen at the East Fill Station during the 1996 excavation. Near the top of the 1996 excavation, contamination was present mainly in the tuff (Environmental Restoration Project 1999, 64829), while at the bottom of the excavation, contamination was observed in fractures but not in the bulk rock (Environmental Restoration Project 1999, 64829). Also, sample results from the 1995 UST investigation (Environmental Restoration Project 1996, 52270) showed that as boreholes were located closer to the perimeter of the plume, the top of the contamination plume was encountered at deeper and deeper depths below grade.

The second source identified was the West Fill Station. Visually contaminated soil was removed from this fill station during the 1988 decommissioning. During the 1995 UST investigation (Environmental Restoration Project 1996, 52270), angled borehole samples collected from 10.1 ft bgs (vertical) and 13.6 ft bgs (vertical) had TPH concentrations that ranged between 600 ppm and 670 ppm. Since the 1994 RFI, eight other boreholes were drilled and sampled in the area of the West Fill Station. No significant TPH contamination was identified at any of these other locations. Because elevated TPH concentrations were only found in one of nine boreholes and it is known that at least some fuel was spilled in this area (soil removed during 1988 decommissioning), petroleum hydrocarbons spilled during fueling operations likely encountered a partially open fracture(s) near the soil surface and migrated vertically in the fracture(s). As a result, lateral spreading is very small and difficult to locate with borehole advancement. This migration pattern matches the distribution pattern for a bulk hydrocarbon resulting from a slow leak into a fracture(s) (Dragun 1988, 57645). Hydrocarbons flow in this preferred channel as long as the flow volume is not significantly increased (Dragun 1988, 57645). This supports the conclusion that any spills that may have occurred at this location were relatively minor.

Finally, the last sources at PRS 21-029 are tanks 9 and/or 10. During the investigation, contamination was found in one borehole northeast of tank 9 starting at about 60 ft bgs. Also, a small release at tank 10 required the removal of 4 yd^3 of visually contaminated soil during decommissioning activities in 1988. The contamination at borehole 21-11245 is probably due to a small release(s) of hydrocarbons resulting from a leaking gasket at tank 10 (Environmental Restoration Project 1999, 64829) or tank filling and/or maintenance operations at tank 9. The subsurface migration process is the same as described for the West Fill Station. Spilled fuel encountered a fracture(s) near the soil surface and migrated vertically.

Hydrocarbon releases at the PRS occurred intermittently between 1946 and the late 1970s. Released hydrocarbons migrated through the top layer of soil (variable thickness) into the unsaturated tuff, where migration occurred in one of two ways: (1) by movement through the pores of the tuff and (2) by movement through open, interconnected fractures. The released hydrocarbons migrated downward in unsaturated zone soil because of gravity and capillary forces. The hydrocarbons moved in the porous tuff matrix, or open fractures when encountered, until the bulk hydrocarbons were transformed into residual saturation; an impermeable layer was encountered; or the hydrocarbons met the capillary fringe above the groundwater table. Because the groundwater table is 1200 ft below the site, the latter condition is not considered relevant.

As bulk hydrocarbons migrate beyond a unit mass of unsaturated zone soil, a small amount of the total hydrocarbon mass remains attached to the soil particles by way of capillary forces. The bulk hydrocarbons retained by the soil or tuff is known as immobile or residual saturation. The maximum amount of bulk hydrocarbon that can be retained by a soil or tuff is known as residual saturation capacity.

Residual saturation can potentially reside in the tuff in this state for years. As the mass of bulk hydrocarbons migrate down, the entire mass will eventually be converted into residual saturation. When conversion is complete, downward migration ceases (Dragun 1988, 57645).

Based on the age of the spills (between about 23 years and 55 years) at DP Tank Farm, an average rate of migration for hydrocarbons through similar media and a rough estimate of the spill volume based on the size of the plume at the East Fill Station, it is most likely that subsurface hydrocarbon transport stopped more than 10 years ago. Also, as discussed in the Phase II RFI work plan (Environmental Restoration Project 1998, 59976) weathering of fuels by biological mechanisms is readily apparent in the chromatographs of samples collected at the site. This indicates subsurface conditions support biological breakdown of contaminants. It also suggests that the plume is not only immobile but is receding and will continue to do so.

Western Seep Investigation Area

A series of small, intermittent releases of hydrocarbons at the West Fill Station and tank 9 and/or 10 moved into near-surface fractures. Field observations of fractures in 2000 and 2001 confirmed that the majority of fractures strike to the north and northeast and dip steeply. However, petroleum hydrocarbons are expected to move primarily north and northeast (toward the stream channel) in fractures because of the dominant strike and preferred dip of fractures in the area of the tank farm.

As the released petroleum moves along the fractures toward the northeast, it encounters a clay-altered horizon located in the middle subunit of Qbt3. Because the horizon is less permeable than the surrounding tuff, it directs the almost vertical hydrocarbon flow from fractures to a more lateral flow to the east-northeast (slope of clay-altered horizon). The hydrocarbons moving atop the clay-altered horizon encounter the GMFZ offset (Appendix L), which redirects the flow to the north-northwest toward the DP Canyon stream channel (Figure 3.4-9).

The redirected hydrocarbons moving along the GMFZ would reach the stream channel approximately 30 ft below the channel. Except at the intersection of the GMFZ offset and the stream channel, this depth would effectively capped the hydrocarbon contamination below the stream channel. At this intersection, subsurface stream moisture penetrates to much greater depths than at other locations in the stream channel. At sampling location 21-11263, which is located at the intersection of the GMFZ offset and the stream channel, moist conditions were observed at 20 ft to 30 ft below the stream channel. This permits the residual hydrocarbons below the stream channel to encounter water-saturated tuff. Because diesel-related petroleum products are lighter than water, the residual hydrocarbons move upward under saturated conditions to the stream channel.

Depending on the quantity of water penetrating the fault line opening, the subsurface area becomes increasingly saturated vertically and laterally. As more area becomes saturated, the residual subsurface hydrocarbons move from tuff pores to the surface of the saturated area. Because of the force of buoyancy from below and the weight of the floating hydrocarbons descending from above, the hydrocarbon layer spreads laterally as fast as conditions (tuff porosity) will permit.

Also, during saturated conditions, the floating layer of hydrocarbons moves to the level of the stream channel. This usually coincides with a rain event when there is flow in the channel. Because the quantity of hydrocarbons is small and the flow is turbulent, there is mixing and little evidence of contamination. When the conditions are just right and there is little stream flow but the hydrocarbons are at the level of the stream channel, contamination at the seep area becomes apparent. The conditions necessary for this occurrence are extremely variable and unpredictable, as confirmed by inspection observations (Sections 3.4.3.2.2 and 3.4.3.3.2).

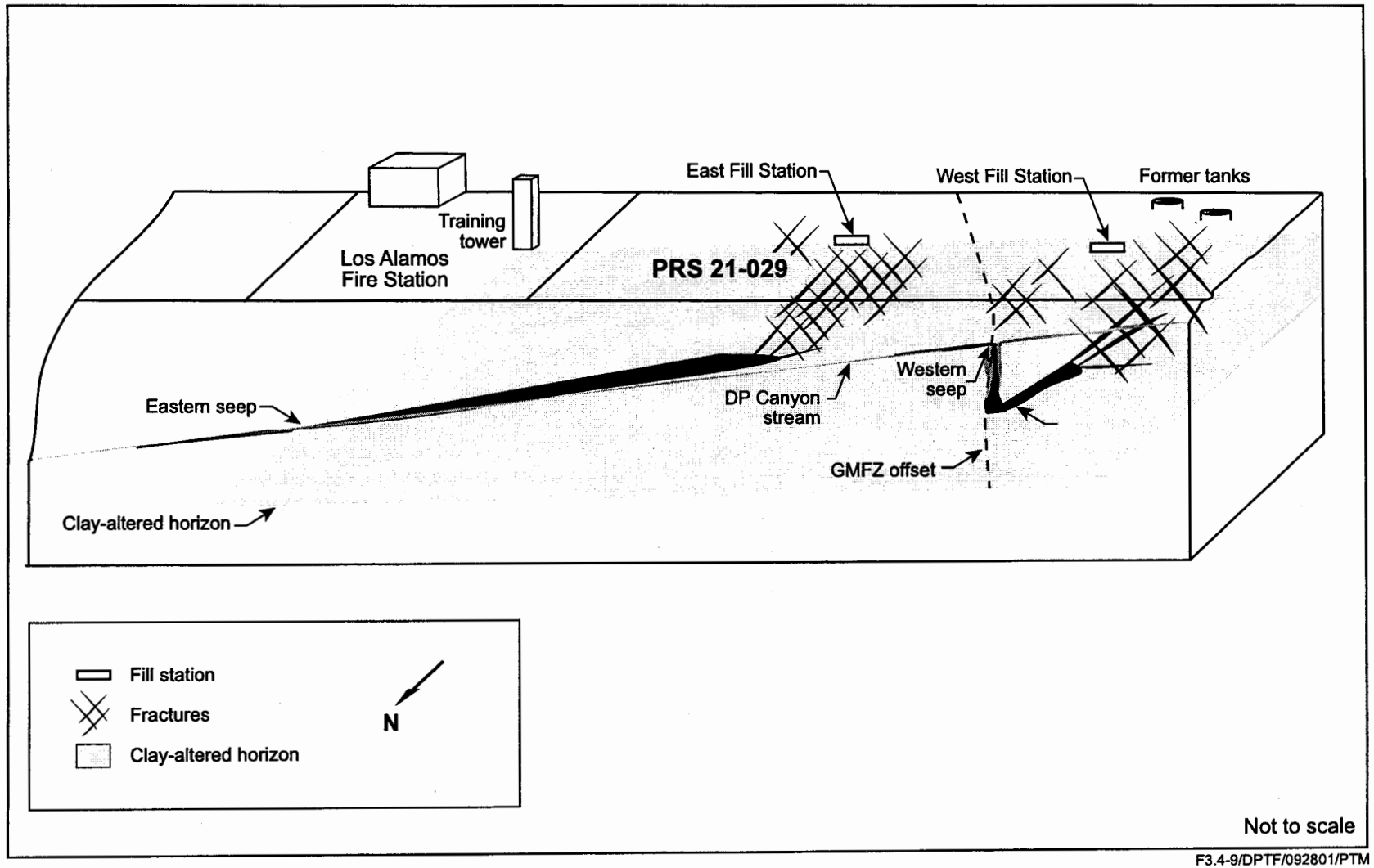


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Figure 3.4-9. Schematic diagram of the revised conceptual model of DP Tank Farm and the western and eastern seep areas

As the seasons change and there is less moisture moving into the subsurface below the western seep, the area of saturation decreases. As it decreases, the floating layer of hydrocarbons is retained in the tuff pores as residual contamination. Because there is a very small amount of floating hydrocarbons, most remains as residual contamination on soil particles where the saturated zone was at its highest point. Because the largest area that ever becomes saturated below the fault is limited and it is likely (based on age of releases and seep inspections) that there is no flow (supply) of hydrocarbons from the unsaturated zone, only a limited quantity of hydrocarbons are affected each year. So, as the years pass, the quantity of hydrocarbons in the seep area will decrease, which is consistent with seep area inspection observations (Sections 3.4.3.2.2 and 3.4.3.3.2).

Eastern Seep Investigation Area

The most likely candidate for a source of petroleum migrating in the subsurface to the eastern seep area is the Eastern Fill Station. Releases from this fill station were documented in the 1994 RFI report (Environmental Restoration Project 1996, 52270) and remediated during the 1996 VCA. Contamination in fractures was observed as deep as 30 ft below grade. Even after the removal of approximately 1720 yd^3 of contaminated soil and tuff, petroleum hydrocarbons were present in fractures on the bottom and sides of the excavation. The release at this location was due to a series of slow, intermittent releases that pushed petroleum into the tuff matrix. At between 20 ft and 30 ft below grade, the hydrocarbons encountered a number of fractures, which became the preferred route of migration.

Petroleum hydrocarbons moving in fractures would be expected to move primarily north and northeast (toward the eastern seep area from the East Fill Station) because of the dominant strike and preferred dip of fractures in the area of the tank farm. As the hydrocarbons moved along fractures toward the northeast, they would eventually encounter the clay-altered horizon contained in the middle subunit Qbt3 (Figure 3.4-9). Because the horizon is less permeable than the surrounding tuff, it would direct the almost vertical flow coming from the fractures to a more lateral flow along the clay-altered horizon. The petroleum hydrocarbons would flow on the clay-altered horizon to the east-northeast (downward slope of clay layer). The petroleum moving along the horizon would eventually encounter the stream channel at the location of the eastern seep. The clay-altered horizon, which lies approximately 30 ft below the stream channel at the western seep area, daylights from the subsurface to the DP Canyon stream channel near the upstream section of the eastern seep area. This permits the residual contamination below the stream channel to encounter water-saturated tuff. Subsurface movement of petroleum hydrocarbons at the eastern seep area is the same as described for the western seep area.

4.0 SITE ASSESSMENT

4.1 Summary

The screening assessments for PRS 21-029 evaluate potential adverse effects associated with residual petroleum hydrocarbon contamination following interim remedial actions at the site. Both human and ecological receptors are considered in the assessment. Of the three areas investigated (PRS 21-029 [mesa-top area], Western Seep Investigation Area, and Eastern Seep Investigation Area), only the PRS is assessed in this RFI report. The spatial boundaries and approach for the RFI have been negotiated and agreed to by the ER Project and NMED as documented in a record of communication, dated August 14, 2001 (Bertino 2001, 70120). The assessments of the Western Seep Investigation Area and Eastern Seep Investigation Area are deferred to the ongoing Canyons Focus Area investigation of DP Canyon and will be documented in a the surface aggregate report. Maximum concentrations of UST-related chemicals were screened with human health screening action levels (SALs) and ecological screening levels (ESLs).

All UST-related COPCs were eliminated based on this screening process. Detected radionuclides on the mesa top were also below screening benchmarks.

4.2 Screening Assessments

Because the site is a SWMU, as identified in the Laboratory's Hazardous Waste Facility Permit (EPA 1990, 1585), the site is evaluated according to the Laboratory's RCRA-based guidance for human health and ecological risks. However, because PRS contamination results from UST releases, the assessments only involve chemicals characteristic of petroleum hydrocarbon fuels. The UST-related chemicals[1] identified in the NMED's guidance for USTs include VOCs, SVOCs, and lead. The decision to assess only UST-related chemicals is documented in the record of communication (Bertino 2001, 70120). The approved RSI response and record of communication (Environmental Restoration Project 1999, 64829; Bertino 2001, 70120) also indicate that the radionuclide results from the single borehole sample collected from the bottom of the borehole adjacent to the West Fill Station would not be evaluated for potential human health and ecological risk because human or ecological exposure is improbable at this depth in solid tuff. The radionuclide results are discussed below in the uncertainty analyses.

4.2.1 Human Health Screening Assessment

(a) Scoping

Chainlink fencing restricts public access to the site, and no permanent structures exist there. The area is scheduled for transfer to Los Alamos County. Neighboring properties on DP Road are mainly commercial or industrial. Consideration of impacted media is limited to soil and tuff because the depth to groundwater is estimated to be 1200 ft bgs. On the basis of previous investigations (Environmental Restoration Project 1996, 52270), the NMED recognized that the site does not pose a threat to groundwater (McInroy and Koch 1996, 55172). Although alluvium and alluvial groundwater exists downstream in DP Canyon, the area immediately north of the mesa top is close to the head of DP Canyon and consists of bedrock tuff with no alluvium. Hence, alluvial groundwater is not present within the PRS (Environmental Restoration Project 1998, 59976)

Although access to the site is currently restricted, a residential scenario was used to evaluate potential risks. Because this property is proposed for transfer to Los Alamos County, future land use will likely include construction activities as permanent structures are developed. These activities will necessarily entail subsurface soil excavation. NMED guidance for UST sites specifies consideration of the subsurface to a depth of 15 ft to evaluate exposure experienced by construction workers. Consequently, analytical data, spanning 0 ft to 15 ft below the ground surface, served as the basis of the human health screening assessment. Considering that the site will likely be developed commercially, employing a residential scenario to evaluate exposure to COPCs up to 15 ft bgs in the human health screening assessment is an appropriate approach to assessing potential human health risks.

For human health to be adversely affected, people must come into contact with a COPC through a complete exposure pathway. For a pathway to be complete there must be (1) a source of contaminant, (2) a mechanism by which the contaminant is released, (3) a medium through which a contaminant travels from the point of release to the receptor location, and (4) a route of exposure by which the

[1] Broad categories for petroleum hydrocarbons (e.g., DROs) are considered with regard to individual hydrocarbon constituents. And while methyl-tert-butyl-ether (MTBE) is a UST-related constituent, it was not analyzed in media from DP Tank Farm because fuels stored there predate the use of MTBE in petroleum products.

receptor takes in the contaminant that causes or threatens adverse health effects (EPA 1989, 8021). Potential exposure pathways from soils include ingestion, inhalation of vapors and soil particulates, and dermal contact.

Eight samples collected from the surface to 15 ft bgs are used to represent the UST-related chemicals on the mesa top. These samples are composed of fill (5) and tuff (3). Large areas within the assessment boundary in the mesa-top area (PRS 21-029) are represented by fill material. Considering the intent of the recent (2000 and 2001) sampling campaigns to identify the nature and extent of contamination, sampling focused on fill areas among the former tank locations. Fill material best represents past surface releases from DP Tank Farm operations. In all cases, the detected UST-related chemicals are represented by the maximum concentration in fill/tuff in the numerical comparison to SALs.

(b) Screening Evaluation

This human health screening assessment is performed according to guidance provided by NMED's risk-based decision tree (NMED 1998, 57761), EPA Region 6 (EPA 2000, 68410), and the Laboratory ER Project (LANL 1998, 62060). The SALs were calculated based on the methodology in Appendix C of the IWP (LANL 1998, 62060) or provided in guidance from NMED (2000, 68554). The parameters used include the most current values available as presented in EPA Region 6 and/or NMED guidance (EPA 2000, 68410; NMED 2000, 68554). The SALs reflect a residential exposure scenario where exposure is based on 24 hours per day and 350 days per year. The SALs are used to ensure a representative evaluation of potential risk at this site. The comparison to SALs is conducted separately for noncarcinogens and carcinogens. The SALs are equivalent to a 10^{-6} cancer risk for carcinogens and a hazard quotient (HQ) of 1.0 for noncarcinogens. The maximum detected concentrations of each COPC from 0 ft to 15 ft bgs were compared to the SAL for carcinogens and 0.1 SAL for noncarcinogens because more than one noncarcinogenic COPC was identified. The COPCs detected at depths greater than 15 ft are not evaluated because no pathways are present that might result in exposure to a receptor.

Ten COPCs were retained for evaluation of potential human health risk for the mesa-top area. The results of the screening assessment are presented in Tables 4.2-1 and 4.2-2. The COPCs with maximum concentrations above the screening criterion are highlighted in the table.

Table 4.2-1
Screening Evaluation of Noncarcinogenic COPCs in Mesa Top Soil

UST-Related Chemical	Maximum Concentration (0–15 ft) (mg/kg)	SAL (mg/kg)	SAL (mg/kg)
Toluene	0.003	180	18
Fluoranthene	0.21	2300	230
Phenanthrene	0.056	1800	180
Pyrene	0.17	1800	180
Lead	43.5	400	40

Table 4.2-2
Screening Evaluation for Carcinogenic COPCs in Mesa Top Soil

UST-Related Chemical	Maximum Concentration (0–15 ft) (mg/kg)	SAL (mg/kg)
Benz(a)anthracene	0.11	0.62
Benzo(a)pyrene	0.14	0.062
Benzo(b)fluoranthene	0.13	0.62
Benzo(k)fluoranthene	0.14	6.2
Chrysene	0.13	61

Table 4.2-1 shows that noncarcinogenic organic COPCs had maximum concentrations several orders of magnitude less than their respective soil SALs. These COPCs are eliminated from further assessment. Lead had a maximum concentration greater than 0.1 SAL. However, lead is nearly an order of magnitude below its SAL; this concentration of lead along with the concentrations of the other noncarcinogenic COPCs results in a hazard index (HI) (sum of the ratios of the concentration to the SAL) below NMED's target level of 1.0 (NMED 2000, 68554).

Table 4.2-2 shows that the maximum concentrations of carcinogenic COPCs other than benzo(a)pyrene are less than their SALs. These COPCs can be eliminated from further assessment. Benzo(a)pyrene had a maximum concentration greater than its respective SAL, which represents a cancer risk of approximately $2x10^{-6}$. The total excess cancer risk from the carcinogenic COPCs is less than NMED's target risk level of 10^{-5} (NMED 2000, 68554).

(c) Uncertainty Analysis

An uncertainty in this assessment is whether mesa-top data characterize the nature of contamination in near-surface soils and fill. It is important to note that all near-surface soil samples were screened in the field for TPHs by immunoassay test kits and organic vapors during 2000 and 2001. Intervals from each borehole were screened for hydrocarbon contamination using an immunoassay test for weathered diesel to determine which samples would be sent to an off-site analytical laboratory (Appendix K). The mesa-top material was screened for weathered diesel because this is expected to be a primary indicator of contamination by UST-related chemicals. Samples that tested positive by the immunoassay and/or other screening procedures, and those deemed important for defining the spatial extent of hydrocarbon-impacted media were analyzed for UST-related chemicals (Table 3.4-4).

Two hundred and eleven samples over all depths were screened with the immunoassay test on the mesa top. Of these samples, 8 tested positive for up to 40 ppm diesel, and one tested positive for up to 160 ppm diesel (Appendix K). This is a detection frequency of 9/211 or about 4%. For the samples collected from shallower depths (0 ft–15 ft) for which human exposure is more likely, few detects of TPHs by this technique were also found. Specifically, of 43 samples screened at 15 ft bgs or less, only 2 samples tested positive for the low-range of diesel contamination (detection frequency of about 5%). Using this approach, the immunoassay results show that the vast majority of samples have no indication of contamination by UST-related chemicals and that the mesa-top area (PRS 21-029) is not heavily contaminated.

Considering the specific UST-related chemicals detected in laboratory analyses, an additional uncertainty in this assessment is whether maximum concentrations were captured by the mesa-top sampling

conducted during 2000 and 2001. The fill material, upon which the numerical screening comparisons are based, was collected in the area that had surrounded the tanks in the western portion of the mesa top. The historical releases from the tanks should represent a worst-case exposure estimate based on fill material. Because of the subsurface nature of contamination and the revised conceptual model for this site, all UST-related chemicals will ultimately migrate downward from the source. If contamination resulted from facility operations, it would likely be captured at depth considering the extensive time interval (up to 50 years) for contaminant migration. An evaluation of maximum concentrations with depths down to 100 ft or more shows that, of the 32 tuff samples collected (Table 3.4-1), no UST-related chemicals have higher maximum concentrations at depth relative to the fill samples, i.e., the sample data used in the screening assessment represents the maximum concentrations of contaminants on the mesa top.

The drainage samples are also used to assess whether the nature of contamination was adequately defined. These areas collect suspended soil and fill material draining off the mesa top from stormwater and snowmelt events. The investigation into the nature of PRS contamination (Section 3.4.4.4.1) shows that samples collected from the drainage off the mesa top have somewhat higher concentrations (2 to 3 times the mesa-top concentrations) for some detected COPCs. The assessment of mesa-top fill data was augmented by samples (maximum depth of 1.5 ft) from the drainages off the mesa top, located just outside the northern perimeter of the fence line (Figure 3.4-4). Although these additional samples are outside of the site boundary, they integrate surface runoff from the site and are representative of contamination that may be transported off the mesa top.

The consideration of the drainage samples provides additional spatial coverage for additional near-surface soils. Table 4.2-3 presents a comparison of maximum concentrations of contaminants in mesa-top fill to maximum concentrations in drainage samples. The data for drainage samples demonstrate a pattern similar to the mesa top with regard to the soil analytical profile. The correspondence in analyte concentration trends for drainage and mesa-top samples offers evidence that mesa-top fill samples are reflective of soils in the area and that the nature of contamination has been adequately described. Because the maximum drainage sample concentrations are slightly higher than mesa-top concentrations, it is appropriate to assess the potential risk related to exposure to these concentrations.

Table 4.2-3
Analytical Profile of UST-Related Chemicals in Mesa-Top Fill Relative to Storm Drainage Samples

Analytical Suite	UST-Related Chemical	Mesa Top Maximum Concentrations (mg/kg)	Drainage Maximum Concentrations (mg/kg)
VOC	Toluene	0.003	0.016
SVOC	Benz(a)anthracene	0.11	0.43
SVOC	Benzo(a)pyrene	0.14	0.46
SVOC	Benzo(b)fluoranthene	0.13	0.47
SVOC	Benzo(k)fluoranthene	0.14	0.43
SVOC	Chrysene	0.13	0.46
SVOC	Fluoranthene	0.21	0.64
SVOC	Phenanthrene	0.056	0.26
SVOC	Pyrene	0.17	0.72
Inorganic	Lead	43.5	72

An assessment of the drainage samples shows that most analytes are below SALs. As on the mesa top, benzo(a)pyrene was detected above its SAL (0.062 mg/kg). The highest concentration of benzo(a)pyrene (0.46 ppm, location 21-11238, Figure 3.4-4) represents a potential cancer risk of $7x10^{-6}$ (an excess cancer risk of 7 per million exposed) in the drainage compared to a potential cancer risk of $2x10^{-6}$ on the mesa top. In both instances, the potential cancer risk does not exceed NMED's target risk level of 10^{-5} (NMED 2000, 68554). Likewise, lead was detected above the 0.1 SAL (40 mg/kg) but below SAL (400 mg/kg) on the mesa top (43.5 mg/kg) and in the drainage (72 mg/kg). In both locations the noncarcinogenic COPCs result in an HI below NMED's target level of 1.0 (NMED 2000, 68554). Therefore, these COPCs can be eliminated from further assessment.

For radionuclides, cesium-137 was detected in both samples collected at 93 ft in tuff (samples MD21-01-0078 and MD21-01-0079) at concentrations below that previously recorded for surface (30 in. or less) samples (Environmental Restoration Project 1999, 64829). It is important to note that cesium-137 was below Laboratory fallout values for surface soil and sediment (1.65 pCi/g and 0.9 pCi/g, respectively [Ryti and Longmire 1998, 59730]) in 1994. The decreasing trend with depth for cesium-137 and the low levels of cesium-137 do not warrant further evaluation of radionuclides from the borehole sampling. In addition, the radionuclide samples from the most recent sampling were collected at a depth (93 ft) that precludes reasonable exposure even if construction activities occur at the site. Considering the surface samples collected in 1994, neither cesium-134 nor cobalt-60 has fallout values for comparison. However, the concentrations of these radionuclides (cesium-134 = 0.25 pCi/g and cobalt-60 = 0.5 pCi/g) are lower than their SALs (2.3 pCi/g and 1.2 pCi/g, respectively) (Environmental Restoration Project 2001, 69683). The concentrations of cesium-134 or cobalt-60 represent a potential dose of approximately 8 mrem/yr for a resident, which is below DOE's criterion of 15 mrem/yr for the free release of property (DOE 2000, 67153). Cesium-134 or cobalt-60 are not related to releases from DP Tank Farm, and considering their half-lives (2.1 yr and 5.3 yr, respectively), these radionuclides would be detected in mesa-top soils at much lower levels, if at all, today. Because the radionuclide dose is below levels that are of potential concern and because process knowledge about the site indicates no previous radionuclide releases, radionuclides are not evaluated further.

(d) Interpretation

Contamination at the PRS is associated with historical operations involving storage of petroleum hydrocarbon fuels in USTs (Section 3.3). According to an agreement with NMED (Bertino 2001, 70120), assessment of COPCs for potential adverse human health effects was focused on UST-related chemicals. The COPCs are eliminated based on the numerical screening and uncertainty analysis because concentrations are below target risk levels (10^{-5} cancer risk and HI of 1.0 [NMED 2000, 68554]).

4.2.2 Ecological Screening Assessment

The main objective of this ecological risk screening is to determine if there is the potential for unacceptable risk to ecological receptors from COPCs released from the DP Tank Farm facilities. Another general objective of ecological risk screening is to evaluate the adequacy of existing data to estimate ecological risk associated with Laboratory releases. To accomplish these goals, the ecological risk screening process was applied (Environmental Restoration Project 1999, 64783). There are four parts of the ecological screening assessment: the scoping evaluation, the screening evaluation, the uncertainty analysis, and interpretation (Environmental Restoration Project 1999, 64783).

Technical Approach

The scoping evaluation includes (1) the data assessment step and (2) the problem formulation step for the specific site under investigation. This assessment departs from typical ecological screening

assessments conducted by the Laboratory in that the COPCs evaluated are only those chemicals associated with UST releases (Bertino 2001, 70120).

The basis for a PRS-specific problem formulation is found in the scoping checklist (Appendix F). The scoping checklist is a useful tool for organizing existing ecological information and for focusing the site visit on the information needed to develop the site conceptual model. The scoping checklist also provides the basis for evaluating the adequacy of the data for ecological risk screening.

The screening evaluation includes the comparison of media concentrations to the final (minimum) ESLs. The final ESLs are media-specific concentrations that are intended to represent the highest concentration of a COPC associated with no adverse ecological effects over an array of ecological receptors. Derivation of final ESLs is a complex process dependent on numerous equations and information sources (Environmental Restoration Project 1999, 64783, Section 4.5) for information. This document along with the ECORISK database (LANL 1998, 67822) contain all of the relevant information necessary to calculate HQs and HIs, including concentration equations, dose equations, bioconcentration factors, transfer factors, and toxicity reference values. The screening evaluation compares representative site concentrations of COPCs to ESLs to establish an initial list of chemicals of potential ecological concern (COPECs). The media and exposure pathways are discussed in more detail in the problem formulation section below. The final ESLs used in this report are from the September 2000 version of the ECORISK database (LANL 1998, 67822). In this assessment, concentrations are represented by analyte-specific maximum concentrations (0 ft to 5 ft bgs).

To provide additional information for potential effects on representative ecological receptors, HQs and HIs for all COPCs are calculated for all terrestrial screening receptors. These receptors include a generic plant, a soil-dwelling invertebrate (represented by the earthworm), the American robin (avian insectivore, avian omnivore, and avian herbivore), the American kestrel (avian invertebrate and flesh eater), the deer mouse (mammalian omnivore), the vagrant shrew (mammalian insectivore), the desert cottontail (mammalian herbivore), and the gray fox (mammalian carnivore) (Environmental Restoration Project 1999, 64783). The HQ is the ratio of the calculated exposure dose to the receptor (based on COPC concentrations) to a dose that has been determined to be acceptable (based on toxicity studies for the receptor). An HI is the sum of HQs, across contaminants with like effects, for a given screening receptor. For this report all chemicals are considered to have potentially additive effects. Chemicals may interact through potentiation, synergism, or antagonism; thus, combined chemical effects may be greater or less than simple additivity. Because it is not known how the effects of chemicals combine, the simplest assumption of additivity was made for the screening assessment.

An HI greater than 1.0 is an indication of potential adverse impacts, and the chemicals that contribute an HQ greater than 0.3 to an HI greater than 1.0 are identified as COPECs. HQ calculations require toxicity, bioconcentration, and bioaccumulation information for all chemicals for all receptors. This assessment uses the September 2000 receptor-specific ESLs to support the HQ/HI analysis (LANL 1998, 67822). The equations used to calculate HQ and HI values are presented below.

$$HQ_{i,j} = \frac{C_j}{ESL_{i,j}} \quad .$$

$$HI_i = \sum_{j=1}^{n} HQ_{i,j} \quad .$$

The variables are defined as follows:

C_j is the concentration of the jth COPC in soil (mg/kg),

$ESL_{i,j}$ is the ESL for the ith receptor and the jth COPC in soil (mg/kg),

$HQ_{i,j}$ is the HQ for the ith receptor and the jth COPC in soil (unitless),

$HI_{i,j}$ is the HI for the ith receptor in soil (unitless), and

n is the number of COPCs in soil.

In addition to identifying COPECs, HI/HQ results can be used for a qualitative assessment of possible adverse effects on individuals or populations. Because the HQ values are based on no observable adverse effect levels (NOAELs), HQ/HI ratios less than 1.0 represent no adverse effects on individuals or populations. Effects are not likely unless the HI is greater than 10, and this level is based on the assumption that lowest observable adverse effect levels are roughly 10 times greater than NOAELs that form the basis of the HI calculations (EPA 1997, 59370). Impacts on individuals would be expected at HIs greater than 100 as the LD_{50} value is typically assumed to be 100 times greater than the NOAEL. Because EPA guidance is to manage ecological risks to populations (Luftig 1999, 70086), some level of adverse effects of chemical stressors on individuals is acceptable. Thus, for most DP Tank Farm species, an acceptable population level HQ/HI threshold is a number between 1.0 and 100. With regard to T&E species (e.g., Mexican spotted owl), however; individuals are the basis for managing risks so HQ/HIs between 1.0 and 10 are assumed to be protective.

The uncertainty analysis follows COPEC identification and describes the key sources of uncertainty in the screening assessment. The uncertainty analysis can result in adding chemicals or removing them from the list of COPECs. This report contains a qualitative uncertainty analysis to help understand the potential for adverse ecological effects from DP Tank Farm releases. The last part of the screening assessment interprets the results in the context of a risk management decision.

(a) Scoping Evaluation

Data Assessment

The approach taken to characterize releases from DP Tank Farm was designed to provide information on the nature and extent of COPCs. Considering the intent to identify contaminated material, sampling focused on fill areas among the former tank locations. This provides a protective estimate of soil contamination in that, of material on the mesa top, fill adjacent to the storage tanks best represents past releases. Large areas within the assessment boundary on the mesa top are represented by fill material and the adequacy of using fill to represent site soil was addressed previously in the human health screening assessment.

Problem Formulation

The purpose of the screening level ecological risk problem formulation for the PRS is to provide information to (1) determine if there are complete exposure pathways to ecological receptors, (2) determine how data should be aggregated spatially for screening and establish the functional/operational boundaries of the assessment, and (3) gather information to develop the site conceptual model (e.g., what are the dominant transport pathways, exposure routes, and potential receptors).

The following information is summarized from the ecological scoping checklist, which is provided in Appendix F. The ecological scoping checklist was prepared from site visits to DP Tank Farm, most recently on August 24, 2001. The mesa top is open grassland with some bare ground and plentiful forbs. Elms, with scattered pines and junipers, surround the area. The canyon habitat to the north is dominated by ponderosa pine and Gambel oak. Signs of animal life on the mesa top include evidence of small mammals (e.g., areas of gopher burrowing) and observed passerines. The mesa top has also been identified as an area where the Mexican spotted owl can be conservatively assumed to forage at a

relatively high frequency (Environmental Restoration Project 2001, 70941). The foraging assumption is conservative in that the Mexican spotted owl does not nest, nor has it been observed, in the vicinity of the mesa top.

In large part, DP Tank Farm, PRS 21-029, exhibits characteristics of a disturbed area undergoing secondary succession. No obvious effects[2] of COPCs were observed for the mesa top. For ecological risk screening, primary impacted media are surficial and subsurface (0 ft to 5 ft) soil and fill material (Environmental Restoration Project 1999, 64783). The ecological site conceptual model for terrestrial receptors is provided in Figure 4.2-1. The site conceptual model identifies the exposure pathways that can represent major, minor, unlikely, or no pathway to ecological receptors. In general, exposure pathways to terrestrial receptors can occur through air (respiration of vapors, inhalation or deposition of particulates) and surface soil (root uptake and rain splash on plants, food web transport to plants and animals, incidental ingestion of soil, dermal contact with contaminated soil). Food web transport and incidental ingestion of contaminated material could be either minor or major pathways depending on the potential for bioaccumulation of the chemical and the amount of contaminated prey or soil ingested by the receptor. The direct ingestion of contaminated media is particularly relevant to the mesa top given that the highest levels of contamination often occur in surficial fill material.

Exposure to vapors is an unlikely pathway, based on the largely undetected VOC concentrations on site and the rapid loss of VOCs from surface soil. Exposure to airborne particulates is negligible considering the extensive ground cover but could be a major pathway for burrowing animals. Some COPCs are lipophilic (e.g., SVOCs) making dermal contact a potentially complete exposure pathway. Typically, all complete exposure pathways should be at least qualitatively evaluated in the screening process. However, soil ESLs do not include exposure to vapors or particulates in air nor do the soil ESLs account for exposure through dermal contact. The importance of these pathways is discussed in the uncertainty analysis.

(b) Screening Evaluation

Ten COPCs were retained for evaluation in the mesa-top ecological screening assessment. To determine which of these 10 COPCs should be retained for further analysis, maximum concentrations are compared to the final soil ESLs. The final soil ESLs are from the September 2000 version of the ECORISK database (LANL 1998, 67822). The ESL comparison is summarized in Table 4.2-4.

Table 4.2-4 shows that toluene and the SVOCs had maximum concentrations less than the final soil ESLs on the mesa top. These COPCs are eliminated from further assessment. Lead had a maximum concentration greater than 0.3 of the ESL, so it is identified as a COPEC. Note that analytes with an HQ greater than 0.3 are shaded.

(c) Uncertainty Analysis

Uncertainties associated with the PRS 21-029 ecological screening assessment include information related to concentrations in contaminated media, exposure pathways, COPC determination, and ESLs. These sources of uncertainty and the potential impact of these uncertainties on the estimated hazard of COPECs to ecological receptors are discussed.

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[2] No signs of stress on plant life on the mesa top were evident (Appendix F). Observations of faunal impacts are limited by the nonquantitative nature of the site scoping field visit. However, no obvious ecological effects were noted on the July 1998 and August 24,2001, site visits.

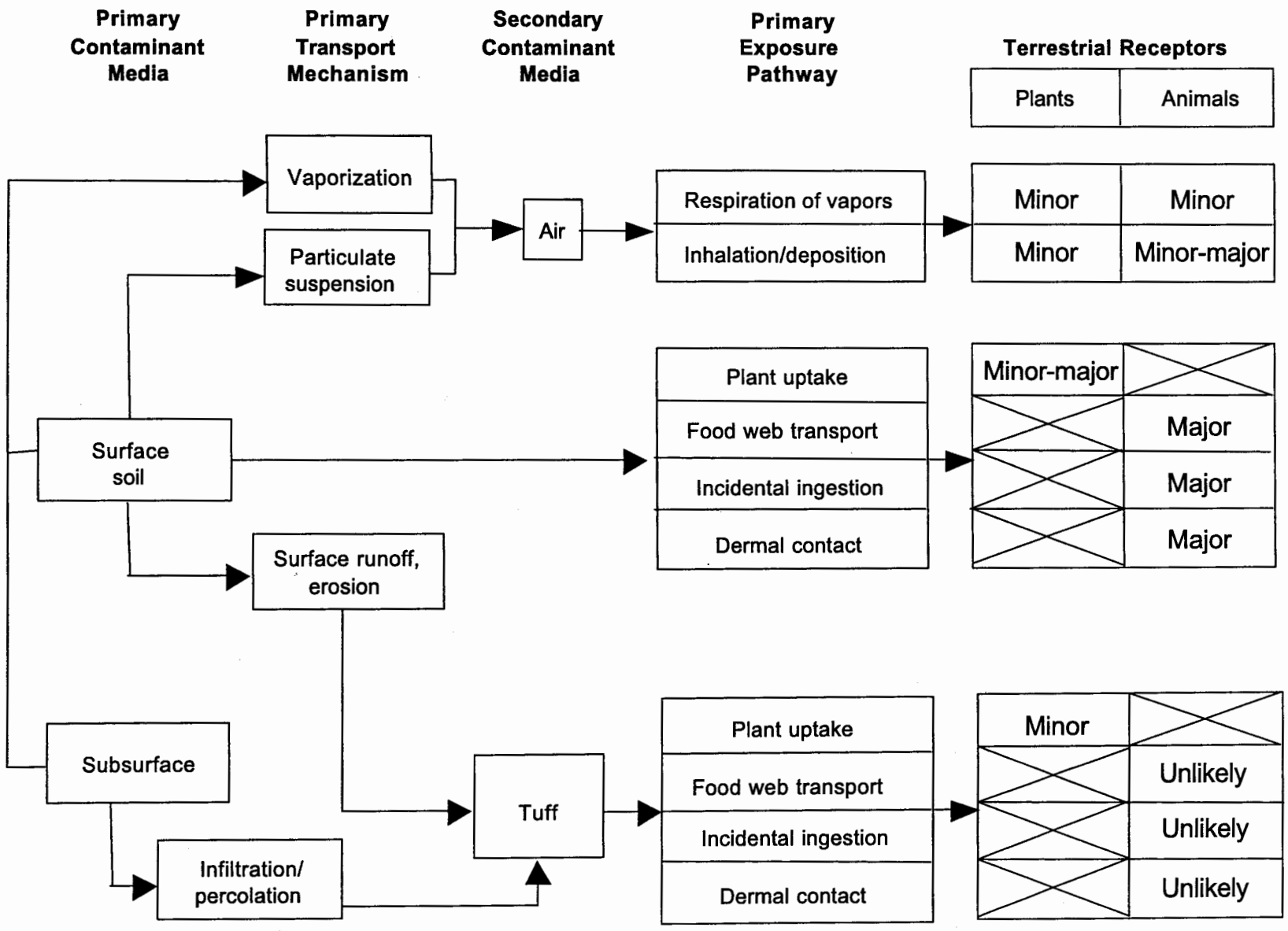

Figure 4.2-1. Ecological site conceptual model for terrestrial receptors

Table 4.2-4
Comparison of Maximum Concentrations to
Final ESLs for UST-Related COPCs for the Mesa-Top Area

Analyte	Maximum Concentrations (0–5 ft bgs) (mg/kg)	Final ESL (mg/kg)	Receptor	HQ (Max/ESL)
Toluene	0.002	71	Shrew	3.0E-5
Benz(a)anthracene	0.11	3.3	Shrew	3.3E-2
Benzo(a)pyrene	0.14	1.8	Shrew	7.8E-2
Benzo(b)fluoranthene	0.13	7.4	Shrew	1.8E-2
Benzo(k)fluoranthene	0.14	13	Shrew	1.1E-2
Chrysene	0.13	3.3	Shrew	3.9E-2
Fluoranthene	0.21	26	Shrew	8.1E-3
Phenanthrene	0.056	110	Shrew	5.1E-4
Pyrene	0.017	15	Shrew	1.1E-2
Lead	23.8	76	Robin-herbivore	3.1E-1

Based on site data, no HQ is greater than 1.0. The HQ for lead is 0.31, which combined with the other HQs does not result in an HI greater than 1.0 for any receptor. Therefore, lead is also eliminated as a COPEC for PRS 21-029.

The exposure pathways addressed by the ESL and HQ/HI analysis include all complete exposure pathways with the exception of inhalation and dermal exposure. Dermal contact and inhalation/respiration pathways have not typically been assessed quantitatively in ecological risk assessments, based on guidance suggesting the ingestion route is most important to terrestrial animals (EPA 1997, 59370). Although these pathways contribute to the dose received by plants and animals, the dose from these pathways is relatively small and does not interfere with COPEC determination. For example, the contribution from dermal exposure was shown to vary with contaminant type: SVOCs like fluoranthene contributed the largest amount (0.2% of the total) and inorganic chemicals, like the lead identified as a COPEC on the mesa top, contributed the least (0.02% of the total) to exposure dose (EPA 2000, 70094). In addition, the fur or feathers that cover the bodies of most vertebrates mitigate dermal exposure to wildlife, and the incidental consumption of soil during grooming is assumed to be included in the direct soil ingestion estimates (EPA 2000, 70094).

Aboveground inhalation of contaminants, such as dust, is also viewed to be an insignificant pathway in areas where plants cover the contaminated ground surface or where much of the contamination is buried, i.e., sites similar to the DP Tank Farm. Although the burrows observed on site (Appendix F) indicate that exposure to UST VOCs could occur, soil exposure pathway analysis has shown that inhalation contributes much less than 1% of the dose obtained orally (EPA 2000, 70094). Inhalation of vapors in burrows is also unlikely to be of concern because toluene was the only UST VOC detected on the mesa top at concentrations well below ESLs (Table 4.2-4).

The final area of ESL pathway uncertainty lies with the adequacy of receptor coverage for ESLs. There are no avian ESLs for the SVOCs. The incomplete understanding of the ecotoxicological ramifications of SVOC exposure to this receptor group is a reflection of the current state of the science. The site-specific information that is available, however, indicates that SVOCs are either close to detection limits or infrequently detected in the mesa-top samples (Section 3.4.4). In addition, similar trophic levels

(herbivore, insectivore, omnivore, and carnivore) are represented by mammalian receptors, such as the cottontail, shrew, deer mouse, and fox. The concentrations of SVOCs are orders of magnitude below the mammalian ESLs, which indicate that these chemicals do not pose a potential risk to receptors. Finally, ground cover, in the form of asphalt pavement and permanent structures, are planned for the mesa-top area after the site is transferred to Los Alamos County. Consequently, even if these low levels of SVOCs were to pose some, as yet unknown, potential risk to birds through foraging on the mesa top, exposure by way of this pathway would be incomplete.

As indicated in the human health uncertainty analysis, the mesa-top fill material is representative of mesa-top soil but the maximum concentrations are less than that of soil. It is important to consider whether the higher concentrations in the drainage samples affects the conclusions reached in the ecological assessment, i.e., there is not potential for adverse effects to the receptors on the mesa top. A comparison of drainage sample maximums (Table 4.2-4) to the ESL results in only lead[3] being detected at a concentration similar to the minimum ESL. All other COPCs were orders of magnitude below their minimum ESLs. The HQ associated with the drainage sample lead maximum (sample location 21-11130) is close to 1.0 (0.95). Thus, even if this lead concentration is used to determine if there is a potential risk, the resultant HI approximates 1.0, which, given the conservative nature of the ESLs, indicates no potential adverse impacts to receptors.

As mentioned in the human health screening assessment, cesium-137 was detected in the most recent sample collected and was below levels of concern and outside of the assessment horizon (0 ft to 5 ft) for reasonable exposure. Considering the surface samples collected in 1994, neither cesium-134 nor cobalt-60 have background values for comparison. However, the concentrations of these radionuclides (cesium-134 = 0.25 pCi/g and cobalt-60 = 0.5 pCi/g) are orders of magnitude lower than their minimum ESLs (490 pCi/g and 410 pCi/g, respectively). In addition, cesium-134 or cobalt-60 are not related to releases from DP Tank Farm and considering their half-lives (2.1 years and 5.3 years, respectively), these radionuclides would be detected in mesa-top soils at much lower levels, if at all, today. Because the radionuclide dose is below levels that are of potential concern and because process knowledge about the site indicates no previous radionuclide releases, radionuclides are not evaluated further.

(d) Interpretation

The screening assessment resulted in the elimination of all COPCs based on the negligible risks to plants and animals at PRS 21-029 (mesa-top area). It is worth noting that even if this assessment has not captured all uncertainties associated with potential ecological risks, projections of impacts from soil contaminants may be moot. The mesa top is surrounded by developed land. It is likely that the land will be similarly developed for commercial or light industrial purposes once it is transferred to the county. This will result in significant disturbance of the mesa top in the form of constructing permanent structures, concrete walkways, and asphalt paving. Consequently, the mesa-top area is unlikely to offer suitable habitat for ecological receptors in the future.

4.3 Risk Assessments

The screening assessments conducted on the data from PRS 21-029 indicated that, at the concentrations encountered on the mesa top, UST-related chemicals pose no potential adverse risks to human or

[3] To put mesa-top lead risks in perspective, it is worthwhile comparing it to the background concentration of lead. A suitable reference for a maximum value is the 95% upper threshold limit on the mean lead background concentration. The on-site lead maximum is 23.8 mg/kg compared to the 95% upper threshold limit of 22.3 mg/kg (Ryti et al. 1998, 59730.2) for background lead, a difference of only 6%.

ecological receptors. Consequently, there is no need to conduct human health or ecological risk assessments for PRS 21-029.

4.4 Other Applicable Assessments

4.4.1 Surface Water Assessment

A surface water assessment of PRS 21-029 was conducted on August 24, 2001. Based on this assessment, this PRS has a score of 56.6 out of a possible 100, indicating the potential for soil erosion. Surface water runoff from the PRS flows to the north into DP Canyon. Rill erosion is occurring at one location along the northern fence, and there is minor run-on to the site under the east gate at the southeast corner of the fence (Figure 2.2-2). There are no structural or operational factors that might affect the site hydrology; site hydrology is discussed in Appendix B. There is no watercourse within the PRS boundary, and no debris is present in the areas of surface water runoff from PRS 21-029 into DP Canyon. The surface water assessment document is attached at the end of Appendix B.

4.4.2 Groundwater Assessment

The regional aquifer beneath PRS 21-029 is at an elevation of approximately 5900 ft or approximately 1200 ft below the surface and is located chiefly within sediments of the Puye and Tesuque Formations (Broxton and Eller 1995, 58207). Thus, for PRS 21-029, more than 1200 ft of tuff and volcaniclastic sediments separate the surface from the regional aquifer. Alluvial groundwater exists in two segments of DP Canyon: Reach DP-2 and Reach DP-4. Alluvial groundwater wells LAUZ-1 and LAUZ-2 are completed in the alluvium in Reach DP-2, approximately 1.1 km downstream of PRS 21-029. Well LAO-2 is completed in the alluvium in Reach DP-4 approximately 2.4 km downstream. Runoff or infiltration from the PRS is unlikely to reach the main aquifer because of the large distance between the PRS and deep groundwater. No impacts to the alluvial groundwater downstream of the site have been observed in sampling conducted by the Canyons Focus Area, NMED, and the EPA.

4.4.3 Integration with Canyons Assessments

Work is ongoing by the ER Project to evaluate sediments, surface water, and alluvial groundwater in DP Canyon and the rest of the Los Alamos Canyon watershed. The initial results from these investigations are provided in the DP Canyon reach report (Environmental Restoration Project 1999, 63915). Sediment investigations were based on four main areas or reaches of DP Canyon. These reaches were located in part to characterize potential impacts (e.g., nature and extent) to the canyon system from key PRSs such as PRS 21-029. The reach at the head of DP Canyon was located to span an area starting upstream of PRS 21-029 and continuing downstream of the site. TPHs and associated SVOCs were detected in locations upstream of the site, and concentrations tended to decrease within this reach. Relevant information from PRS 21-029 will be included with previous sediment investigations to provide a revised model of contaminant nature and extent in DP Canyon.

The data that have been collected and are currently being collected in DP Canyon will be evaluated in the Los Alamos/Pueblo Canyon surface aggregate report. Evaluations include refined models of nature, sources, and extent of contamination in the watershed and human health and ecological risk assessments of COPCs identified in sediments, surface water, and alluvial groundwater. The assessments will utilize data based on reasonable spatial scales associated with human activities in the canyons and based on knowledge of the distribution and behavior of plant and animal populations. The Los Alamos/Pueblo Canyon surface aggregate report is scheduled to be complete in October 2003 and

will include recommendations on the need for corrective action or continued monitoring within the watershed.

5.0 CONCLUSIONS AND RECOMMENDATIONS

The objectives of the Phase II RFI were to

- identify the nature and extent of subsurface petroleum hydrocarbon contamination associated with PRS 21-029 (the mesa top),
- identify the source or sources of petroleum hydrocarbons associated with the two localized hydrocarbon seep areas in DP Canyon;
- identify the migration pathway or pathways by which petroleum-related products have moved from the source(s) to the areas of the two hydrocarbon seeps in DP Canyon and determine if these pathways are still active,
- revise the conceptual model for contaminant fate and transfer,
- perform screening assessments of NMED UST-related chemicals for potential present-day risks posed to human and ecological receptors located on the mesa top (PRS 21-029), and
- determine if there is a need for remedial action based on risk evaluation.

PRS 21-029, Mesa-Top Area

The vertical and horizontal extent of mesa-top contamination has been defined in accordance with project requirements, and no further sampling for extent is required. According to the Phase II RFI work plan, the extent of contamination is defined relative to whole, competent tuff. It was not expected, or required, that extent be defined relative to contamination that may exist in fractures within the tuff (Environmental Restoration Project 1998, 59976). The analytical results also support the preliminary conceptual model hypothesis that no bulk sources of contamination remain at the site; only subsurface residual contamination remains.

The revised site conceptual model presented in Section 3.4.4.4 identifies the most probable contaminant sources at PRS 21-029 as the East Fill Station, the West Fill Station, and Tanks 9 and/or 10. The surface and subsurface samples from the three investigation areas of this Phase II RFI were fingerprinted for petroleum type and were characterized as weathered diesel and gasoline. These characterization results are important because they can be compared to, and differentiated from, samples collected from DP Canyon subreaches DP-1 West and DP-1 Central, which were characterized as motor oil. The motor oil contamination in DP Canyon is currently assumed to be from town site runoff (Environmental Restoration Project 1999, 63915).

Using archived information and investigation results, the revised site conceptual model was refined to indicate that subsurface migration of petroleum-related hydrocarbons in the unsaturated zone ceased.

As presented in Section 4.0, the maximum analytical concentrations for 11 organic and inorganic chemicals were screened against the human health SALs for the most protective exposure scenarios and the most protective ESLs. Each analyte was eliminated from the human health screening process because the maximum concentrations were below levels that cause concern for receptors. All analytes were also eliminated from the ecological screening assessment because of negligible risk to plants and animals on the mesa-top area. No human health or ecological risk assessments were completed because no analytes were retained from the screening assessments at the mesa-top area.

Western Seep Investigation Area

The source for the western seep is DP Tank Farm, and the transport mechanism for contamination movement has been refined to include flow in and along fractures, movement along a clay-altered horizon, and hydrocarbon flow along the Guaje Mountain Fault offset. Additionally, investigation results allowed for a much clearer understanding of the two seeps.

Eastern Seep Investigation Area

The source for the eastern seep is DP Tank Farm, and the transport mechanism for contamination movement includes hydrocarbon migration in tuff, flow in and along fractures, and movement along a clay-altered horizon. All data collected from outside the PRS 21-029 boundary will be provided to the Canyons Focus Area for integration into the Los Alamos/Pueblo Canyon surface aggregate report.

Regular inspections of the hydrocarbon seep areas in DP Canyon have been conducted for nearly two years. The purpose of these inspections is to document any changes in the seeps in relation to seasonal changes and recent precipitation. The results of these inspections have shown there is some seasonal variability in the presence of hydrocarbons in the canyon, and this information has been used to refine the site conceptual model. However, the primary observation of these inspections is that there is little physical evidence of hydrocarbon contamination in DP Canyon, particularly in the last year. Therefore, there is no need to continue the regular inspections of the seeps in DP Canyon.

The overall investigation objective to improve the understanding of nature and extent of contamination and refine the conceptual model for PRS 21-029 and the two seeps have been met. Also, as a result of the screening assessments, PRS 21-029 is recommended for no further action because concentrations of UST-related chemicals are less than NMED risk levels and SALs.

6.0 REFERENCES

The following list includes all references cited in this appendix. Parenthetical information following each reference provides the author, publication date, and the ER identification (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 6; 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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Appendix A

Acronyms, Glossary, and Metric Conversion Tables

APPENDIX A ACRONYMS, GLOSSARY, AND METRIC CONVERSION TABLES

A-1.0 ACRONYMS

AOC	area of concern
bgs	below ground surface
BH	borehole
BTEX	benzene, toluene, ethylbenzene, xylene
COPC	chemical of potential concern
COPEC	chemical of potential ecological concern
cpm	counts per minute
D	detected
DOE	US Department of Energy
dpm	disintegrations per minute
DRO	diesel-range organic
EDL	estimated detection limit
EPA	US Environmental Protection Agency
EQL	estimated quantitation limit
ER	environmental restoration
ESH	Environment, Safety, and Health (Laboratory Division)
ESL	ecological screening level
FIMAD	Facility for Information Management, Analysis, and Display
FSS	Facilities, Security, and Safeguards (Laboratory Division)
FY	fiscal year
GC/MS	gas chromatography/mass spectrometry
GFAA	graphite furnace atomic absorption
GMFZ	Guaje Mountain Fault Zone
GPC	gel permeation chromatography
GRO	gasoline-range organic
gpm	gallons per minute
HA	hand auger
HI	hazard index
HQ	hazard quotient
HSWA	Hazardous and Solid Waste Amendments of 1984
IA	immunoassay
ICS	interference check sample
ICPES	inductively coupled plasma emission spectroscopy
ICPMS	inductively coupled plasma mass spectroscopy

IQR	interquartile range
Laboratory	Los Alamos National Laboratory
LANL	Los Alamos National Laboratory
LCS	laboratory check sample
MDA	material disposal area
N.A.	not available
n/a	not applicable
NA	not analyzed
NDA	no detectable activity
NMAC	New Mexico Administrative Code
NMED	New Mexico Environment Department (New Mexico Environmental Improvement Division before 1991)
ND	not detected
NOAEL	no observable adverse effect levels
NS	not sampled
NT	no test/screen has been performed
PCB	polychlorinated biphenyl
PID	photoionization detector
ppm	parts per million
PRS	potential release site
QA	quality assurance
QC	quality control
RCRA	Resource Conservation and Recovery Act
RFI	RCRA facility investigation
RSI	request for supplemental information
SAA	same as above
SAL	screening action level
SAP	sampling and analysis plan
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
TD	total depth
TPH	total petroleum hydrocarbons
TPU	total propagated uncertainty
UST	underground storage tank

UTL	upper tolerance limit
VCA	voluntary corrective action
VOC	volatile organic compound

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.

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.

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

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.

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.

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.

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.

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).

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)

Rill erosion. An erosion process in which numerous small channels only several inches deep are formed by concentrated runoff that flows during and immediately following rain storms.

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).

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.

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.

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.

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.

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

U.S. 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

Appendix B

Operational and Environmental Setting

APPENDIX B 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, 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. The facilities were located in the areas of DP West and DP East (Figure B-1.0-1).

DP West operations began in September 1945. The main purpose was to produce metal and alloys of plutonium from the nitrate solution feedstock provided by other production facilities. This involved several acid dissolution and chemical precipitation steps to separate the plutonium and other valuable actinides from the feedstocks. A major research objective at DP West was the development of new purification techniques that would increase the efficiency of the separation processes (Christensen and Maraman 1969, 4779). Details of the purification techniques are discussed in the TA-21 operable unit work plan (LANL 1991, 7528). Other operations performed at DP West were nuclear fuel reprocessing and unrelated activities. In 1977, a transfer of work to the new plutonium facility at TA-55 began, and much of the DP West complex was vacated.

DP East operation also began in September 1945. These facilities were used to process polonium and actinium and to produce initiators (a nuclear weapons component). In 1964, Building TA-21-209 was built to house research in high-temperature and actinide chemistry. Building TA-21-155 currently houses the Tritium Systems Test Assembly for developing and demonstrating effective technology for handling and processing deuterium and tritium fuels for use in fusion reactors.

TA-21 includes five material disposal areas (MDAs): A, B, T, U, and V. Process wastes, transuranic wastes, and liquid wastes were disposed of at the MDAs from the early 1940s until the late 1970s; details of the disposal methods are presented in the TA-21 operable unit work plan (LANL 1991, 7528). The major contributor to waste streams at TA-21 were plutonium-processing activities. However, because plutonium was scarce, waste-stream recycling became a common practice to remove as much plutonium as possible from the waste stream. A wide range of other chemicals was used for separation techniques and were present in the waste stream. Airborne effluents were released from some of the buildings at DP West and DP East; these are also discussed in the work plan (LANL 1991,7528).

TA-21 is currently under Department of Energy (DOE) control. All the MDAs are fenced and controlled. There are some areas that are located outside the main fenced area of TA-21. The land has historically been used for industrial applications. Any future use of the land (either by DOE or following land transfer of the property) would still be industrial. Future and current land-use maps can be found in the 1995 update to the Laboratory site development plan (LANL 1995, 57224).

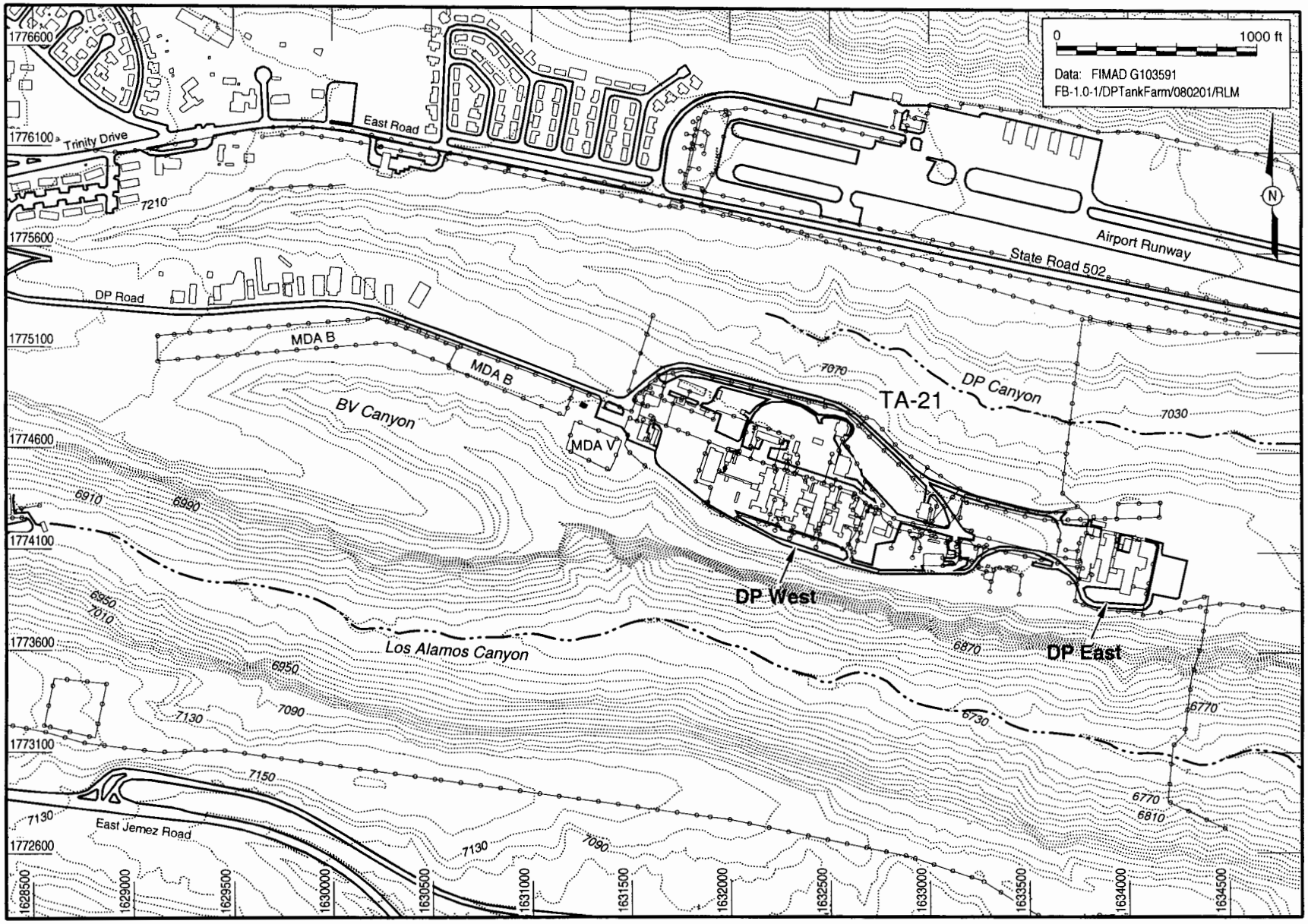

Figure B-1.0-1. DP East and DP West at TA-21

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 moderate, 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 on the west and the Rio Grande to the east. The geology of the area and the specific geology of the DP Tank Farm 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). This section concludes with the stratigraphy observed locally at DP Tank Farm.

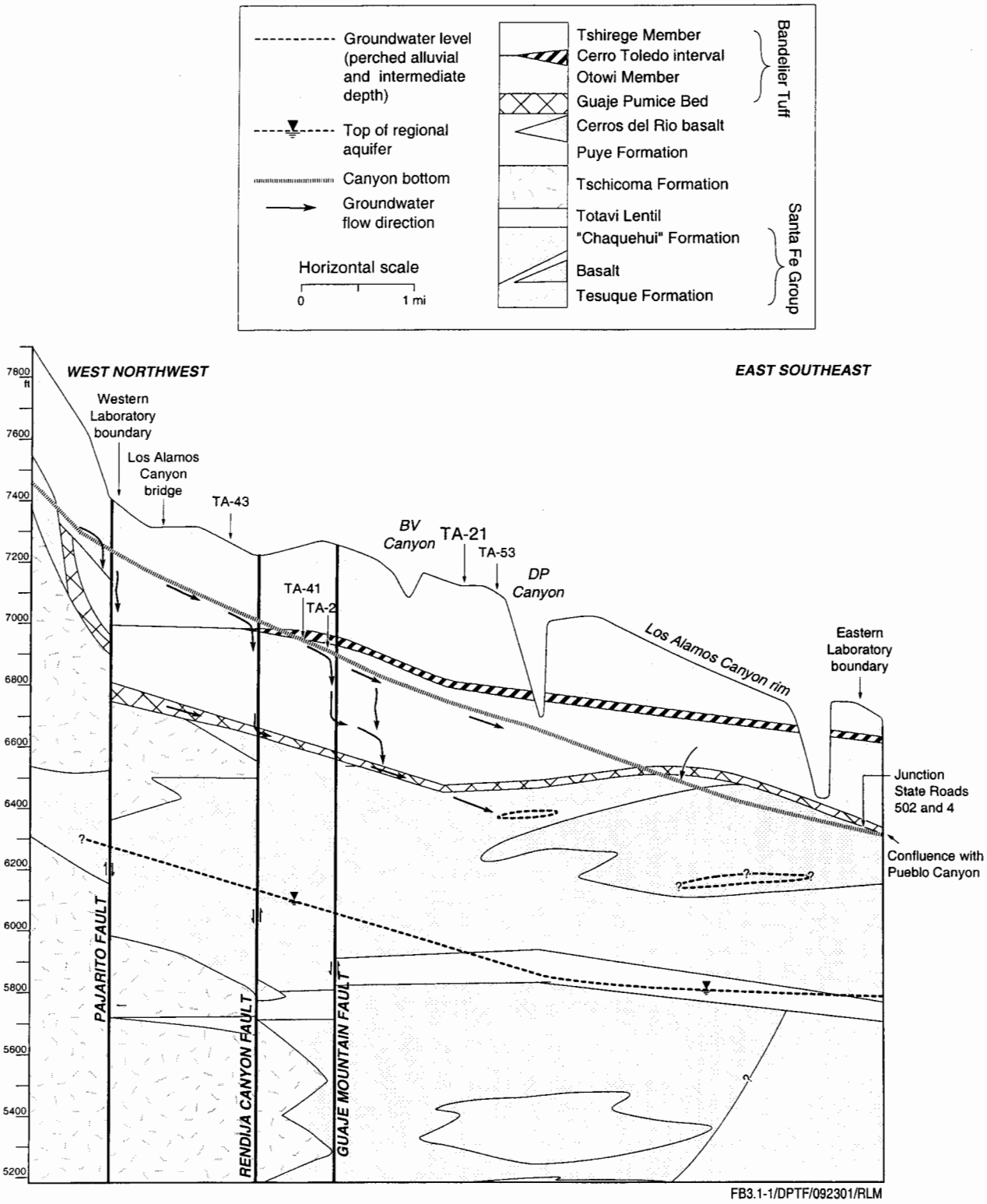

Figure B-3.1-1. Generalized stratigraphy beneath TA-21

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 12 million years and 4.5 million years (MacFadden 1977, 21569; Manley 1979, 11714).

Purtymun (1995, 45344) describes a trough of late Miocene coarse-grained sediments at the top of the Santa Fe Group that postdate 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.

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.

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; Goff 1995, 49682; Broxton and Reneau 1995, 49726). 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 (Stix et al 1988, 49680; Heiken et al. 1986, 48638; Broxton et al. 1995, 50121; Goff 1995, 49682). 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 locally, they may 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, and 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 (Griggs 1964, 8795; Smith and Bailey 1966, 21584; Bailey et al. 1969, 21498; 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 accompanies welding (Smith 1960, 48819; Smith 1960, 48820). The welding and crystallization variability 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 Environmental Restoration (ER) Project.

Broxton et al. (1995, 50121) provide extensive descriptions of the Tshirege Member cooling units. The follow 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 in. to 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.

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

Qbt 1v forms alternating cliff-like and sloping outcrops composed of porous, nonwelded, crystallized tuffs. The *v* stands for vapor-phase crystallization, which together with in situ crystallization devitrification), has converted much of the glass in shards and pumices into microcrystalline aggregates. The base of this unit is a thin, horizontal zone of preferential weathering that marks the abrupt transition from glassy tuffs

below (in Unit 1g) to the crystallized tuffs above. This feature forms a widespread marker horizon (locally termed the vapor-phase notch) throughout the Pajarito Plateau, which is readily visible in canyon walls at TA-21. The lower part of Qbt 1v is orange brown, resistant to weathering, and has distinctive columnar (vertical) joints; hence, the term *colonnade tuff* is appropriate for its description. A distinctive white band of alternating cliff- and slope-forming tuffs overlies the colonnade tuff. The tuffs of Qbt 1v are commonly nonwelded (pumices and shards retain their initial equant shapes) and have an open, porous structure.

Qbt 2 forms a distinctive, medium brown, vertical cliff that stands out in marked contrast to the slope-forming, lighter-colored tuffs above and below at TA-21. It displays the greatest degree of welding in the Tshirege Member. A series of surge beds commonly mark its base. It 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.

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

DP Tank Farm

Subsurface lithology at the DP Tank Farm site (Potential Release Site [PRS] 21-029) is documented on the detailed borehole logs (Appendix H) and is visually interpreted in the subsurface cross sections (Figures L-2, L-3, and L-4) presented in Appendix L. In the DP Tank Farm area, Qbt 3 overlies Qbt 2 at an average elevation of approximately 7120 ft. The upper unit has a truncated thickness of about 105 ft in the mesa-top area. The overall porosity of the tuff matrix is approximately 40% (Broxton et al. 1995, 50121).

The borehole logs indicate that Qbt 3 consists of three subunits: (1) a slightly to moderately indurated upper subunit designated as Qbt 3(u) in the cross sections; (2) a nonindurated middle subunit designated as Qbt 3(m), which typically hosts localized iron staining, mottling, and clay alteration; and (3) a slightly to moderately indurated basal subunit designated as Qbt 3(l). The middle subunit, Qbt 3(m), contains a horizontally traceable marker horizon consisting of clay altered and/or weathered tuff (Appendix L, Figures L-2, L-3, and L-4). The horizon appears to be stratigraphically controlled and may represent a paleosol event during the accumulation of Qbt 3. Because of its apparent higher clay content, the horizon is likely to be less permeable than the surrounding tuff matrix.

The structure of the Qbt 3 and Qbt 2 units at the site is characterized as tabular beds of volcanic ignimbrite striking north-northwesterly and dipping gently to the east-northeast (Broxton and Reneau 1995, 49726). This regional feature of the Pajarito Plateau is evidenced at the site by the contact between Qbt 3 and Qbt 2 illustrated in Appendix L, Figures L-2, L-3, and L-4.

The Qbt 3 and Qbt 2 contact is the most prominent marker horizon identified at the DP Tank Farm site. It strikes north and dips a few degrees to the east-northeast. Apparent offsets of the Qbt 3/Qbt 2 contact, and contacts of the various Qbt 3 subunits, suggest a steeply dipping movement of approximately 6 ft to 7 ft located just east of the West Fill Station (Appendix L, Figures L-2, L-3, and L-4). The offset strikes approximately north10 degrees west to intersect the DP Canyon stream near the western expression (upgradient) of the hydrocarbon seep (sampling location 21-11263, Figure 3.4-4). Apparent relative movement has been upward east of the offset and downward west of the offset (Figures L-2 and L-3).

B-3.2 Geochemistry

Certain minerals present in Bandelier Tuff are important in terms of sorption of chemical species from water. Among them are alkali feldspar and a combination of three silica polymorphs (i.e., quartz, cristobalite, and tridymite). These minerals are found throughout the thickness of the Bandelier Tuff, and their absolute abundance throughout the tuff can have a significant effect on the retardation of several constituents in the TA-21 MDA inventories. 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 inventory constituents. 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 offset 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.

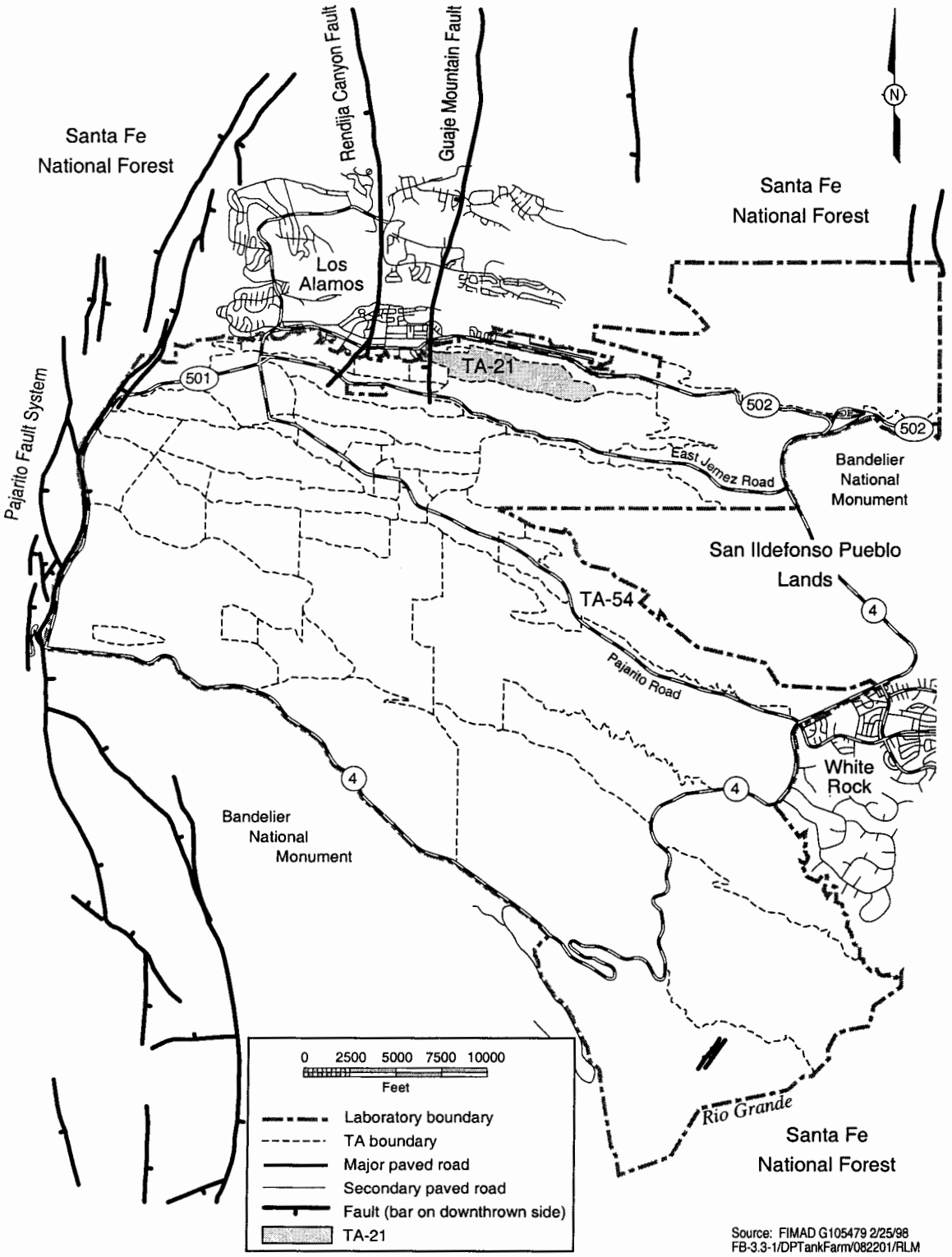

Figure B-3.3-1. Locations of major faults in Laboratory complex

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.

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 (GMFZ) has also caused fracture development, reorientation, and extension (Wohletz 1995, 54404).

Fractures at TA-21

An extensive field survey of fractures in the Bandelier Tuff at TA-21 was conducted in 1992. Wohletz (1995, 54404) measured strike, dip, and aperture in 1662 fractures in Unit 2 of the Tshirege Member of the Bandelier Tuff (Qbt 2) exposed on cliffs below TA-21 in Los Alamos Canyon. The fracture traverse was 7312 ft long, extending east from a starting point 1200 ft east of the access gate to TA-2 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 MDA V and extending to the east has a fracture spacing of 1 ft to 2 ft. The spacing decreases abruptly near MDA V 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 (Qbt 3).

Fractures at DP Tank Farm

Based on numerous fracture studies of the Bandelier Tuff at several locations of the Pajarito Plateau (Vaniman and Wohletz 1990, 21589) and (Wohletz 1996, 5884), fractures exposed within the tuff outcrop along the old east-west road cut at the DP Tank Farm site provide evidence, based on density, to infer the presence of a fault zone, designated as the GMFZ) at the site (LANL 1995, 58845).

The GMFZ extends in a north-south direction through PRS 21-029 (Figure B-3.3-2). At this location, the fault zone is about 300 ft wide but produces no obvious offset or other surface expression in the Bandelier

Tuff. Its presence is expressed in the form of a significant increase in fracture density (Wohletz 1996, 58846) and the offset described in Section B-3.1. The location of the former West Fill Station coincides with the eastern edge of the GMFZ. Fractures in the eastern portion of the site (east of the former West Fill Station) are largely unaffected by the fault zone (Wohletz 1995, 58845).

Major structural features of bedrock at the site include multiple fractures or cooling joints. A 1995 study investigated possible fracture-controlled infiltration of petroleum products from DP Tank Farm. Fracture density data from this study confirm the presence of the north-south-trending GMFZ, from about 250 ft to 600 ft east of the intersection of Trinity Drive and DP Road. This study used the same procedures as the TA-21 fracture study discussed above.

A report (Wohletz 1995, 58845) documents the characterization of 157 fractures in a road cut running from the former West Fill Station west toward the Knights of Columbus Hall and 288 fractures on the north wall of Los Alamos Canyon, about 750 ft south of the road cut. The general background fracture spacing at DP Tank Farm averages about 5 ft, but the spacing decreases to an average of about 2 ft within the GMFZ. In the 100-ft section centered on the West Fill Station location, fracture spacing is about 1.7 ft.

DP Tank Farm and Los Alamos Canyon fracture data sets show some differences with respect to fracture strike. The mean strike for fractures on the DP Tank Farm road cut is N16W, and the data show crude west-northwest and north modes. The mean strike for the Los Alamos Canyon fractures is N32E, with the data showing northwest and northeast modes. Along the road cut fracture traverse, northwest-trending fractures (mean N44W) are about 50% more abundant than northeast-trending fractures (mean N40E).

The fractures are dominantly vertically oriented. The mean of all dips is 89° and 74° for DP Tank Farm and Los Alamos Canyon fractures, respectively. When all fractures are considered together, dips are generally toward the north. The northwest-trending fracture set at DP Tank Farm, however, has slightly more fractures dipping toward the south (52) than toward the north (40). In one area about 100 ft west of the location of the former West Fill Station, the dominant dip is toward the south. Fractures at the location of the former West Fill Station have an average dip of 50° from the horizontal toward the north.

Mean fracture apertures are 0.5 cm for the DP Tank Farm transect and 0.6 cm for the Los Alamos Canyon transect. There is no significant difference in mean fracture aperture within the GMFZ. At the former West Fill Station, however, the mean aperture increases to about 0.75 cm. Although the mean fracture aperture does not increase in the fault zone, the decrease in fracture spacing results in an increase in cumulative fracture aperture from about 20 cm per 100 ft to about 40 cm per 100 ft.

Fracture-filling materials are common in the fractures of Unit 3 (Wohletz 1995, 54404). The nature of the fracture-filling materials has not been characterized at DP Tank Farm or at TA-21 in general, although calcite, clays, and detritus are mentioned as materials commonly found in fractures of Unit 2 (Qbt 2), which underlies Unit 3. Evidence from other locations at the Laboratory suggests that the most common fracture-filling material in near-surface fractures is smectite clay (Vaniman and Chipera 1995, 58032; Davenport et al. 1995, 58847). Smectite is a swelling clay that may reduce the near-surface permeability of fracture systems in the tuff. The fracture-filling materials tend to decrease in abundance with depth. The fractures in the underlying Unit 2 (Qbt 2) are largely devoid of fracture-fill materials (Wohletz 1996, 58846).

The Phase II Resource Conservation and Recovery Act facility investigation (RFI) field effort included remapping the fractures exposed within the old east-west road cut. In addition, field geologists mapped fractures exposed in tuff outcrops, and subcrops, within the DP Canyon stream channel in both the western and eastern seep investigation areas. The mapping of fractures within the stream channel was an attempt to broaden the scope of Wohletz's study (Wohletz 1995, 58845) and to support the role of fractures as potential transport mechanisms for hydrocarbon migration from the former tank farm to the western and eastern seep areas identified in DP Canyon.

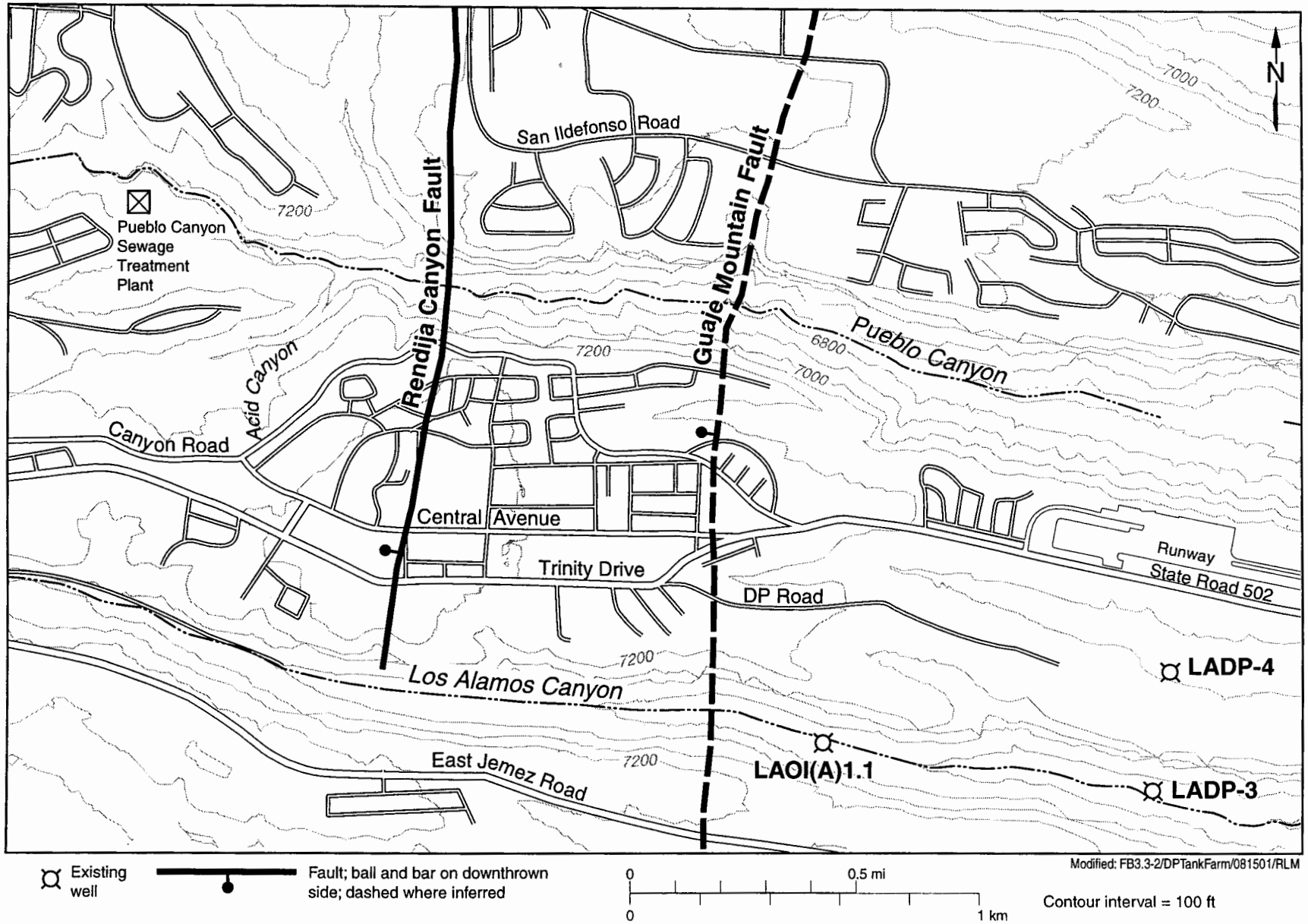

Figure B-3.3-2 Location of Guaje Mountain Fault Zone at DP Tank Farm

Field geologists used Brunton compasses, tape measures, and sampling locations surveyed by licensed surveyors to record fracture locations, strikes, and dips on field maps according to ER-SOP-3.06, Rev. 1, "Fracture Characterization." To provide quality control for the fracture mapping, fractures identified as important for potential hydrocarbon transport were surveyed by licensed surveyors.

Considerable variability in fracture aperture was observed, with some fractures having widths up to several inches. According to Wohletz (1995, 54404), the average canyon fracture aperture is about 0.5 cm. During the RFI, most fractures were observed to be filled or lined with topsoil and/or clay. According to Davenport et al. (1995, 58847), the most common fill material is smectite clay, particularly in the near surface. Evidence of fractures observed in borehole drilling suggested that subsurface fractures are predominately associated with localized iron staining, mottling, and clay alteration within the tuff matrix (Appendix H).

The RFI Phase II fracture study included performing preliminary statistical analysis of mapped fractures. Of the total 111 fractures mapped, the vast majority is located in the mesa top and western seep investigation areas. In these combined areas, two important population features are apparent: two-thirds of the mapped fractures strike between north 45 degrees east and west, and most dip steeply. This agrees with Wohletz (1995, 54404). The second fact is that of a small subset of fractures that strike between north 45 degrees west and east-west, 88% dip to the northeast.

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 area 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 DP Tank Farm, there are typically between one and several feet of soil and/or fill overlying Qbt 3.

B-4.0 HYDROLOGY

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

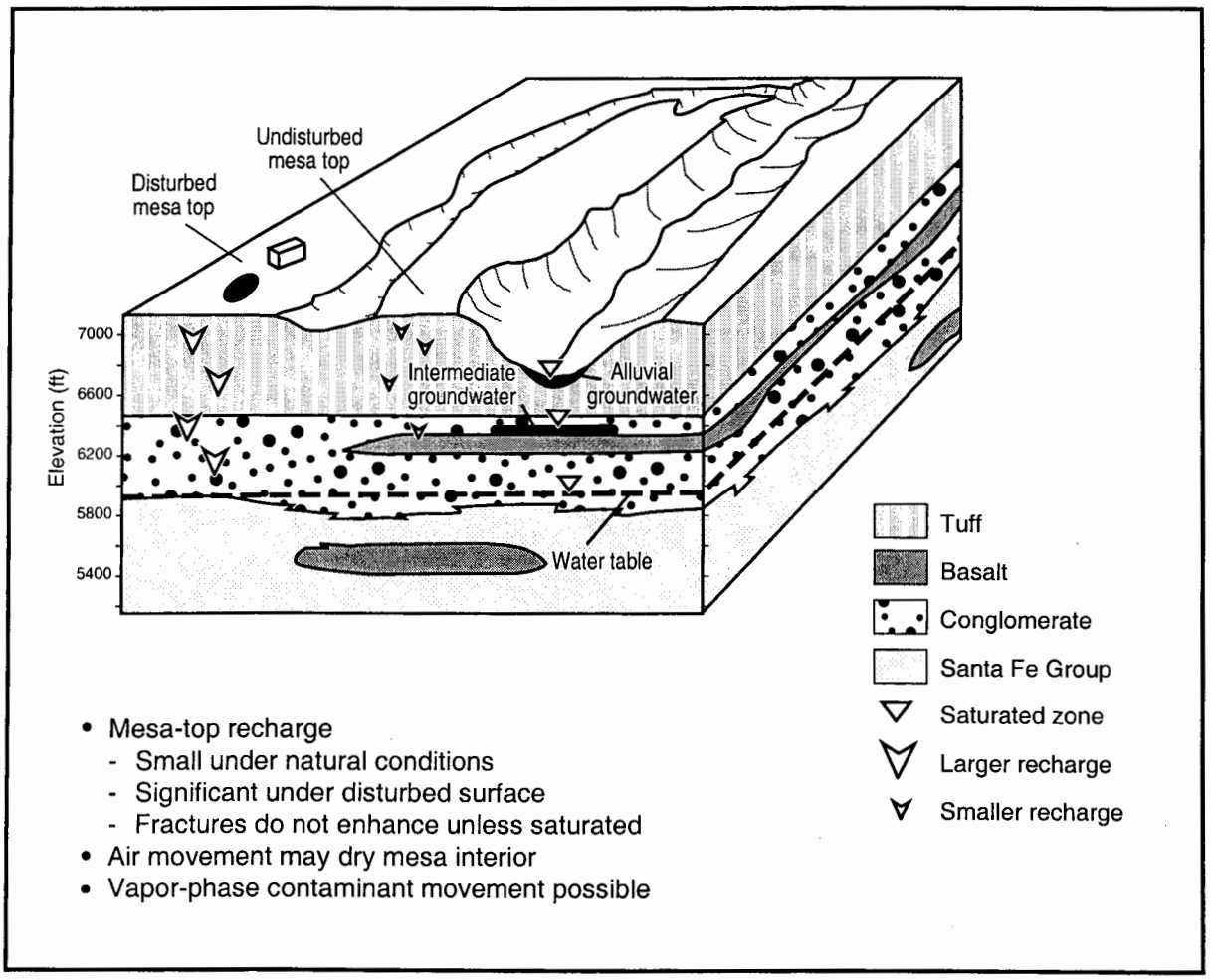

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Figure B-4.1-1. Hydrogeologic conceptual model for mesas

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

B-4.2 Surface Water

The Rio Grande is the primary river in north-central New Mexico. All surface water drainage and groundwater discharge from the plateau ultimately arrives at the Rio Grande (Figure B-4.2-1). Most Los Alamos surface water occurs as ephemeral, intermittent, or interrupted (perennial, ephemeral, and intermittent stretches) 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 occurs in the upper reaches (west of the Los Alamos Reservoir) of Los Alamos Canyon and in the lower reaches east of the confluence with Pueblo Canyon. Typically, the overflow of water from the reservoir during spring snowmelt results in nearly continuous surface water flow between the western Laboratory boundary and TA-2 for several weeks to several months each year (LANL 1995, 50290); the flow does not reach TA-21. For most of the year, the only surface flow in Los Alamos Canyon is in the lower part of the canyon because of discharge from the Los Alamos County Sewage Treatment Plant and discharge from Basalt and Los Alamos Springs east of the Laboratory boundary (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, 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.

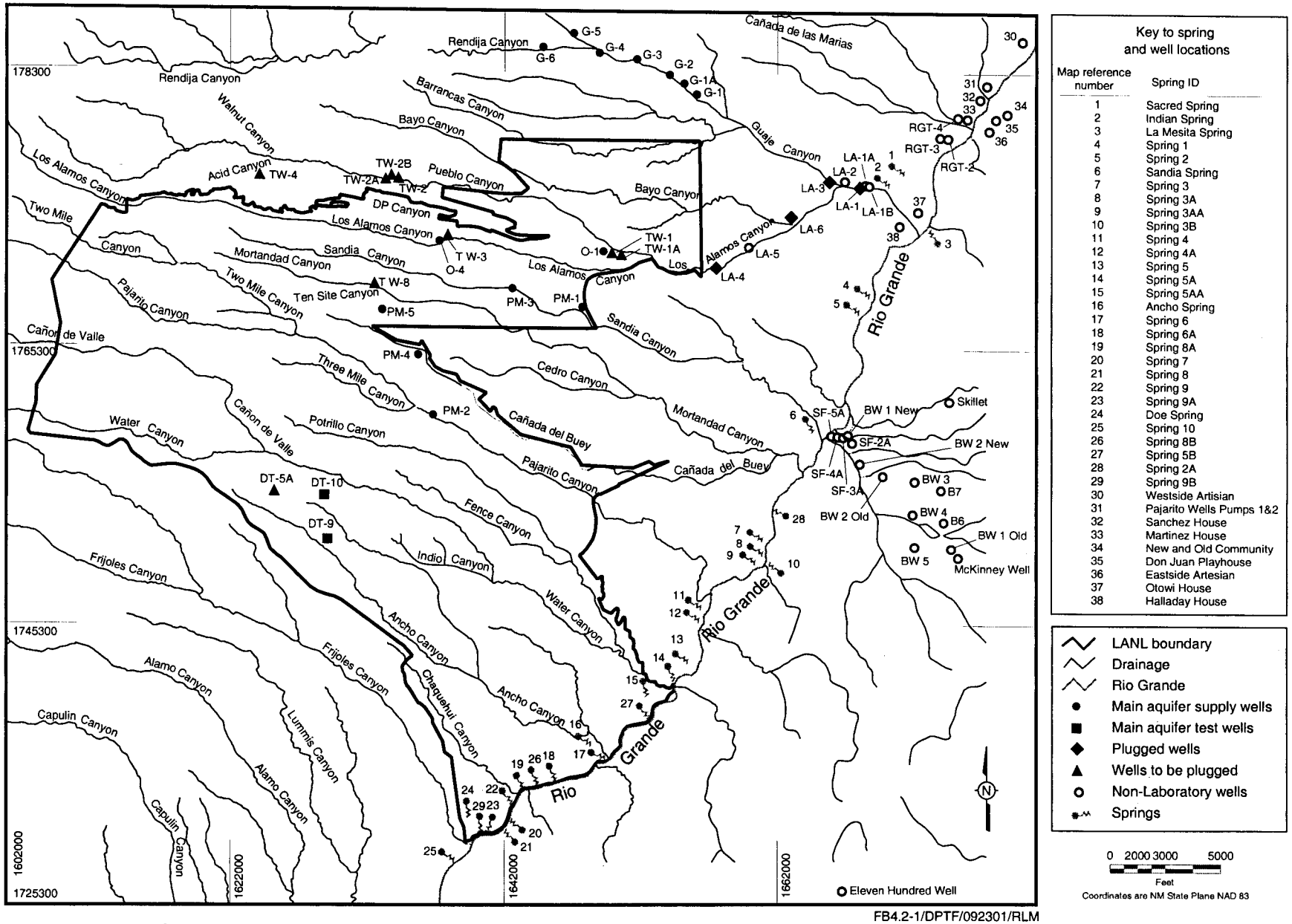

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Figure B-4.2-1. Surface water drainage to Rio Grande and well locations

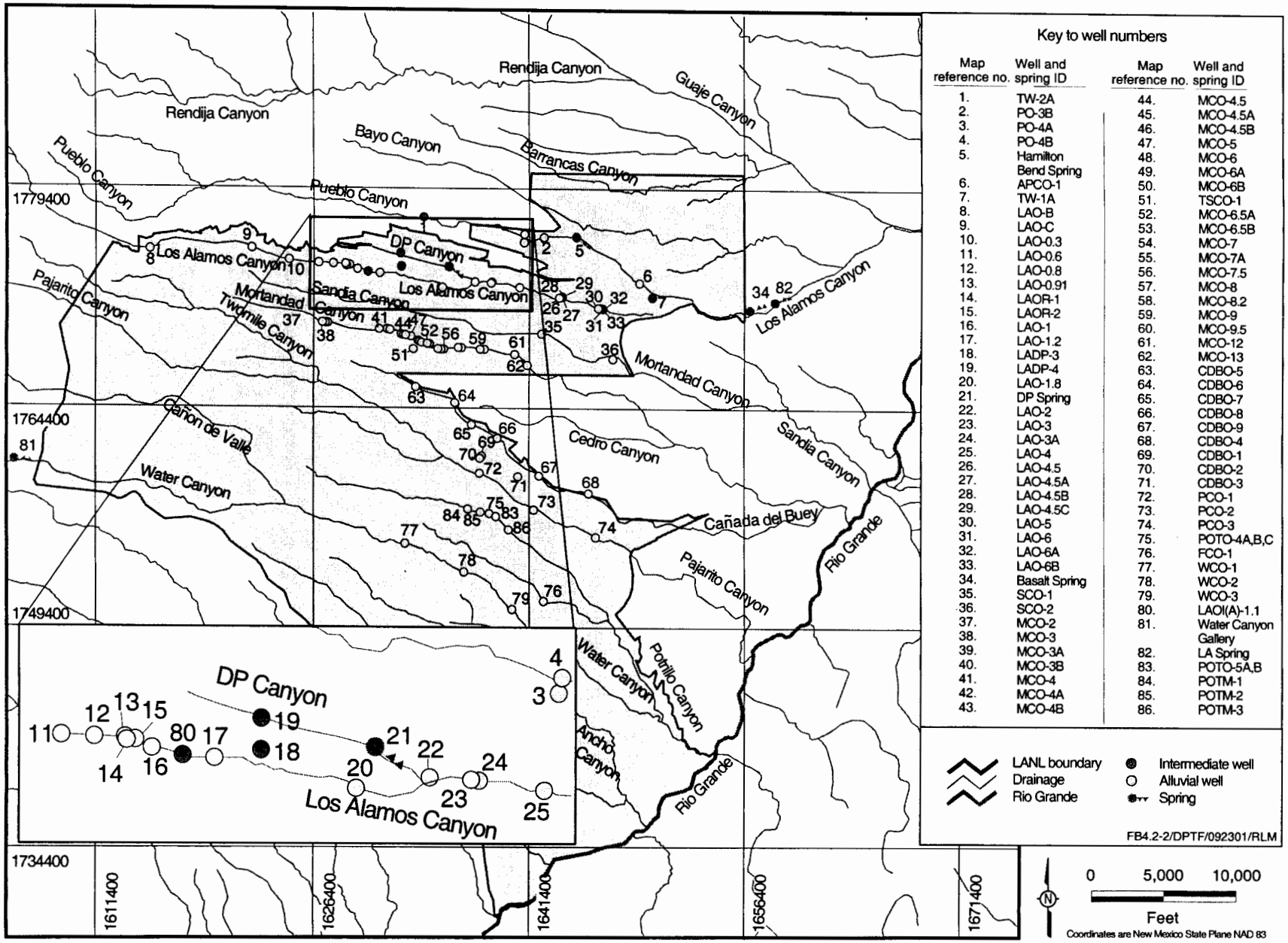

Figure B-4.2-2. Locations of wells and springs near TA-21

The Laboratory's ER Project has developed standard operating procedure (SOP) 2.01 to assess sediment transport and erosion concerns at specific PRSs. 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 PRS analytical data, site maps, and knowledge-of-process information. Part B is an assessment of the erosion/sediment transport potential at the PRS. Erosion potential is numerically rated from 1 to 100 using a matrix system. PRSs that score below 40 to 60 have a low erosion potential. Part A of this assessment is initiated and completed by the Laboratory's ER Project; Part B is completed by the Laboratory's Water Quality and Hydrology Group (ESH-18). A Surface Water Assessment Team, which includes representatives from the ER Project, ESH-18, the Laboratory's Facility Management group (FSS-7), and the DOE Oversight Bureau, evaluates each completed assessment. If necessary, a best management practice or other action is implemented based on the results of the assessment. The SOP 2.01 assessment for PRS 21-029 is attached at the end of this appendix. The score for this PRS is 56.6.

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 tuff and sediments 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 installed for the ER 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-3.3-2). 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 at MDA V in 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-4.3-1 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 or approximately 1100 ft below the surface and is located chiefly within sediments of the Puye and Tesuque Formations (Broxton and Eller 1995, 58207). Thus, 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.

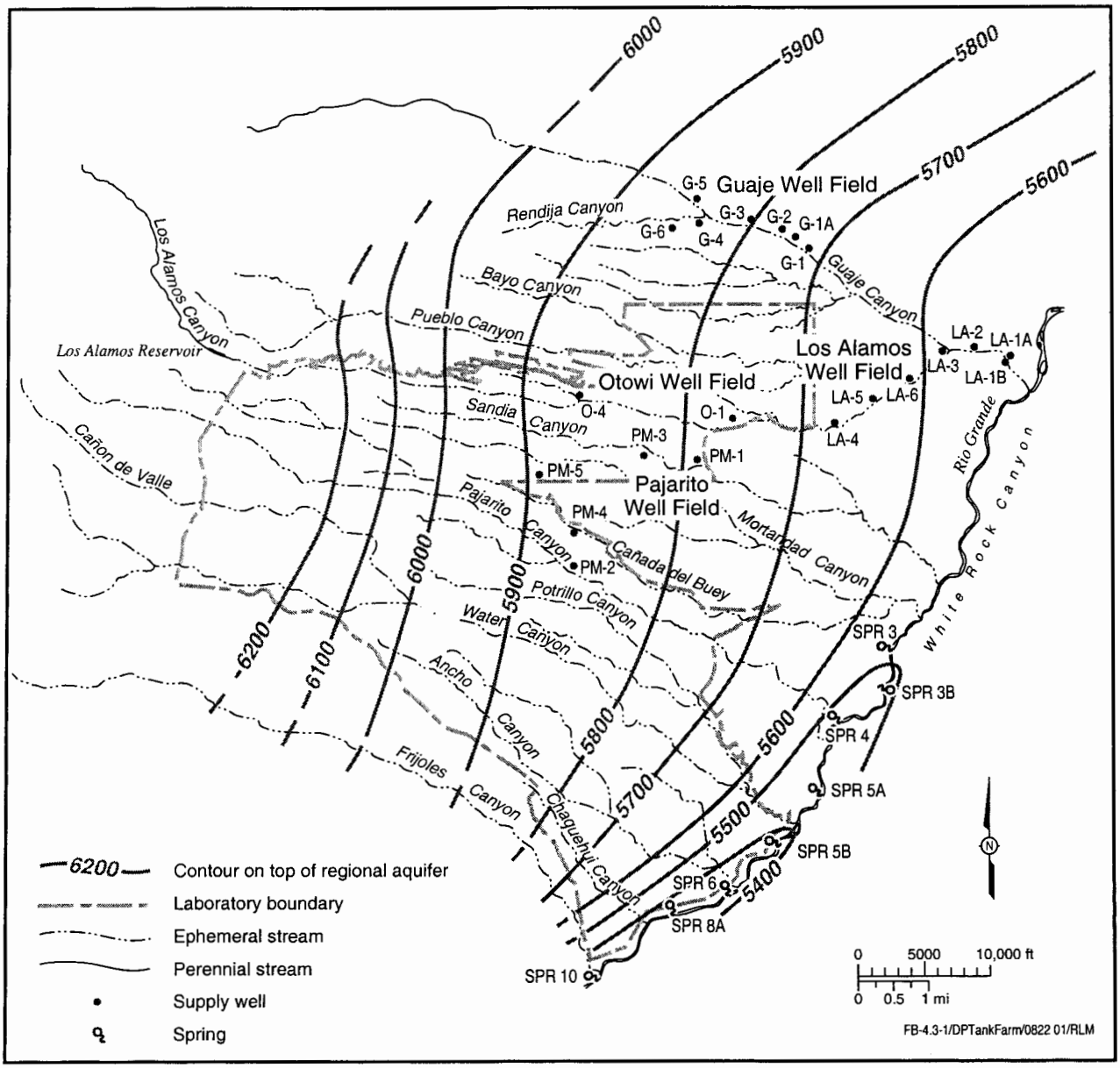

Figure B-4.3-1. Locations of wells and generalized water-level contours on top of the regional aquifer (modified from Purtymun 1984, 6513)

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.

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 disposal areas 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.

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.

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 (Bennett 1996, 58236).

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 MDA B in Los Alamos Canyon and there is a riverine wetland just south of MDA V 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 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

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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 21-029

CRITERIA EVALUATED	Value	Erosion/Sediment Transport Potential Low 0.1	Medium 0.5	High 1.0	Calculated Score
Site Setting (43)					
On mesa top	1	Defined based on topographic setting			1.0
Within bench of canyon	4				
Within the canyon floodplain but not watercourse	13				
Within bottom of canyon channel in watercourse	17				
Estimated % ground and canopy cover	13	>75%	25-75%	<25%	1.3
Slope	13	0-10%	10-30%	>30%	1.3
Surface Water Factors-Run-off (46)					
Visible evidence of runoff discharging? (Yes/No)	5	If no, score of 0 for runoff section.			5.0
		If yes, score 5 and proceed with section.			
Where does runoff terminate?	19	Other	Bench Setting	Drainage/Wetland	19.0
Has runoff caused visible erosion? (Yes/No)	22	Sheet	Rill	Gully	22.0
		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.			7.0
Current operations adversely impacting (Yes/No)	4	If yes, score as 4. If no, score as 0.			0.0
Natural drainages onto site (Yes/No)	7*	If yes, score as 7. If no, score as 0.			*
**Select either structures or natural drainages.*					
MAX. POSSIBLE EROSION MATRIX SCORE:	**100**			**Total Score**	56.6

REVISED PART B

Report Printed 8/29/01 4:46:25 PM.

Los Alamos National Laboratory
SURFACE WATER
SITE ASSESSMENT

Revised Part B. Please discard previous.

SITE INFORMATION

1a) PRS Number 21-029 **1b) Structure Number** **1c) FMU Number** 80

2. Date/Time (M/D/Y H:M am/pm) 8/24/01

SITE SETTING (check all that apply)

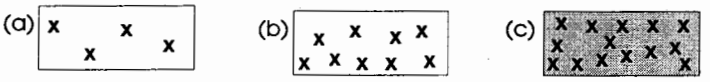
3. ◉ **On mesa top (a).** ○ **In the canyon floor, but not in an established channel (c)**

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

Explanation: Mesa top on south side of DP Canyon and north side of DP Road. Area was formerly a tank farm used to store and distribute oil and fuel. PRS boundary is located inside fenced area.

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

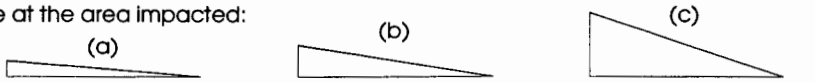
(illustration)



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

Explanation: Vegetative cover is dense throughout the site. Mostly mixed grasses with some canopy cover along the northeast corner.

5. Steepest slope at the area impacted:



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

Explanation: Area generally flat with a gentle slope towards the north. The slope steepens north of the fence into DP Canyon.

RUNOFF FACTORS

Y / N

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

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

Explanation: Sheetflow runoff evidence exists along the middle section of site. One location has formed a gully due to run-on from roadway.

RUNOFF FACTORS, CONT'D

6b) Where does evidence of runoff terminate?

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

Explanation: Runoff terminates into DP Canyon by sheet flow processes. One location discharges directly into canyon through erosional feature.

Y / N

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

Explanation: One gully present along north fence line due to run-on from roadway. A majority of the runoff is not causing any observed 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: Run-off from the edge of DP road appears to be flowing under the east gate and down the old roadway through the site.

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

Explanation: No operational impact observed.

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

Explanation: Sheet flow from slope within the PRS and drainage along what used to be the main roadway through the site.

ASSESSMENT FINDING:

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

Veenis, Steve

11. Signature of Water Quality/Hydrology Representative

SW Initials of independent reviewer.

Check here when information is entered in database: ☑

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

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

Description of existing BMPs:

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

OTHER INTERNAL NOTES:

The overall site is mostly stable. The one location of gully erosion can be easily repaired and run-on flow could be dissipated to mitigate future erosion potential at the site. Original assessment completed on 9/23/97 (score 67). Site was re-evaluated to reflect current site status.

Appendix C

Results of Quality Assurance/Quality Control Activities

APPENDIX C RESULTS OF QUALITY ASSURANCE/QUALITY CONTROL ACTIVITIES

C-1.0 SUMMARY

Appendix C summarizes any potential issues associated with the usability of the analytical results for samples collected at the DP Tank Farm site, PRS 21-029. The results for PRS 21-029 were qualified using Laboratory Environmental Restoration (ER) Project routine validation procedures. The validation procedures used for the data include ER Standard Operating Procedure (SOP) 15.05, Revision 0, "Routine Validation of Inorganic Data"; ER SOP 15.02, Revision 0, "Routine Validation of Semivolatile Organic Data"; ER SOP 15.01, Revision 0, "Routine Validation of Volatile Organic Data'; ER SOP 15.06, Revision 0, "Routine Validation of Gamma Spectroscopy Data"; and ER SOP 15.07, Revision 0, "Routine Validation of Chemical Separation Alpha Spectrometry, Gas Proportional Counting, and Liquid Scintillation Data." Total petroleum hydrocarbon (TPH) results were validated using "US EPA Contract Laboratory Program National Functional Guidelines for Organic Data Review" (EPA 1999, 66649).

In some cases, a focused validation was also required. The qualifiers presented in this appendix are the product of either the ER Project routine validation or the focused validation. This appendix consists of an assessment of the quality of analytical data obtained at PRS 21-029 during the years 2000 and 2001. The site consists of three areas under investigation: the Eastern Seep, Western Seep, and Mesa-Top Investigation Areas. Table C-1.0-1 presents the analytical suites for all of the samples collected during this investigation.

Table C-1.0-1
Analytical Suites

Chemical Category	Analyte List	Analytical Method
Radionuclides	Tritium	Liquid scintillation counting
	Isotopic uranium	Chemical separation/ alpha spectroscopy
	Isotopic plutonium	Chemical separation/ alpha spectroscopy
	Strontium-90	Chemical separation/ proportional counting
	Americium-241	Chemical separation/ alpha spectroscopy
Inorganic chemicals	Lead	EPA Method 6010B
Organic chemicals	Total petroleum hydrocarbons	EPA Method 8015M
	Volatile organic compounds	EPA Method 8260B
	Semivolatile organic compounds	EPA Method 8270C

Quality assurance (QA), quality control (QC), and data validation procedures were implemented in accordance with "Quality Assurance Project Plan Requirements for Sampling and Analysis," (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 the accuracy, bias, and precision of the analytical measurements. QC samples, including method blanks, blank spikes, matrix spikes, and laboratory control samples (LCSs), were used to assess accuracy and bias. Internal standards, external 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 ER SOP 1.02, Revision 0, "Sample Container and Preservation." Evaluating these QC indicators allows estimates to be made of the accuracy, bias, and precision of the analytical results. The focused validation performed followed the same procedure discussed above and included a more detailed review of the raw data generated by the analytical laboratory.

Data validation results, including request numbers, sample identification numbers and their associated qualifiers, are given in Section C-5.0. The data (except for R-qualified data) are usable for evaluation and interpretive purposes. The rejected data are summarized below. The decisions and conclusions in this report were possible because the amount of rejected data was minimal. The entire data set meets the standards set for use in this report, with the following exceptions:

- The semivolatile analysis results for sample MD21-00-0091 were rejected for the target analytes acenaphthene, anthracene, benz(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenz(a,h)anthracene, fluoranthene, fluorene, methylnaphthalene[2-], naphthalene, phenanthrene, and pyrene because the surrogate recoveries associated with these analytes were less than 10%.

- The semivolatile analysis results for MD21-01-0151 were rejected for the target analytes acenaphthene and fluorene because the internal standard recoveries associated with these analytes were outside of the required method recovery range.

- The results for target analyte 2-methylnaphthalene were rejected for samples MD21-01-0191, MD21-01-0192, MD21-01-0193, MD21-01-0194, MD21-01-0195, MD21-01-0196, and MD21-01-0197 because the LCS recovery for this analyte was less than 10%.

- The results for target analyte naphthalene were rejected for samples MD21-01-0191, MD21-01-0192, MD21-01-0194, MD21-01-0195, MD21-01-0196, and MD21-01-0197 because the LCS recovery for this analyte was less than 10%.

- The results for the diesel-range organics analyses for samples MD21-00-0150, MD21-00-0151, and MD21-00-0152 were rejected because holding times exceeded the method requirements.

C-2.0 INORGANIC CHEMICAL ANALYSES

Thirty-seven mesa-top samples, 37 eastern seep area samples, and 97 western seep area samples were analyzed for lead. Lead, which is the only underground storage tank (UST)-related inorganic chemical, was analyzed using Environmental Protection Agency (EPA) SW-846 Method 6010B.

C-2.1 Fixed-Laboratory Analyses

Preparation blanks, LCSs, matrix spike samples, laboratory duplicate samples, interference check samples (ICSs), and serial dilution samples were analyzed to assess accuracy and precision for inorganic chemical analyses. Each of these QA/QC sample types is defined in the ER Project analytical services SOW (LANL 1995, 49738) and described briefly in the following sections. Validation of the results for these samples was performed using ER SOP 15.05, Revision 0, "Routine Validation of Inorganic Data."

The preparation blank is used to assess the existence and magnitude of contamination resulting from laboratory or field activities. If the sample results are less than or equal to five times the result for the analyte in the preparation blank, the analyte is regarded as not detected.

The LCS serves as a monitor of the overall performance of each step during the analysis, including sample digestion. The analytical results for the samples were qualified according to "US EPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review" (EPA 1994, 48639) if the individual LCS recovery indicated an unacceptable bias in the measurement of individual analytes. The LCS recoveries should fall into the control limits of 80–120%.

Accuracy for inorganic chemical analyses is also assessed using matrix spike samples. A matrix spike sample is designed to provide information about the effect of each sample matrix on the sample preparation procedures and analytical technique. The spike sample recoveries should be within the acceptance range of 75–125% (EPA 1994, 48639).

Precision for inorganic chemical analyses is assessed using laboratory duplicate samples. Based on ER Project guidelines (ER SOP 15.02), all relative percent differences between the sample and field duplicate should be within ±35%.

The ICS verifies the laboratory's interelement and background correction factors. The ICS consists of two solutions: solution A and solution AB. Solution A consists of the interferents, and solution AB consists of the analytes mixed with the interferents. An ICS analysis consists of analyzing both solutions, consecutively, starting with solution A, for all wavelengths used for each analyte reported. Results for the inductively coupled plasma emission spectroscopy analysis of solution AB must fall within the control limits of ±20% of the true value for the analytes included in the solution (EPA 1994, 48639).

The serial dilution sample determines whether or not significant physical or chemical interferences exist because of the sample matrix. The serial dilution analysis is accomplished by diluting the sample by a factor of five and comparing the dilution-corrected results with those of the undiluted parent sample. The results are required to agree within ±10% of the undiluted parent sample results where the undiluted results are greater than or equal to the method detection limit (EPA 1994, 48639).

Samples with results that were qualified based on results for the preceding QC samples are provided in Section C-5.1. All reporting limits for lead met the Laboratory background requirements. All lead analysis results analyzed for this report are usable for evaluation and interpretive purposes.

C-3.0 RADIOCHEMICAL ANALYSES

Radionuclides are not listed under the UST-related analytes. The analytical methods used for radiochemical analyses are provided in Table C-3.0-1.

Radionuclide results that were less than the minimum detectable concentration were qualified as not detected (U). Each radionuclide result was also compared with the corresponding 1-sigma total propagated uncertainty. If the result was not greater than three times the total propagated uncertainty, it was qualified as U. Radionuclide results qualified as U are presented in Section C-5.2.

Table C-3.0-1
Analytical Methods for Radiochemical Analyses

Radiation and Radionuclide(s)	Analytical Technique
Gamma-emitting radionuclides	Gamma spectroscopy
Isotopic plutonium	Chemical separation/alpha spectroscopy
Isotopic uranium	Chemical separation/alpha spectroscopy
Strontium-90	Chemical separation/proportional counting
Tritium	Distillation/liquid scintillation

C-3.1 Fixed-Laboratory Analyses

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

The ER Project analytical services SOW (LANL 1995, 49738) specifies that spike sample recoveries should be within ±25% of the certified value. All spike sample recoveries met this acceptance criterion.

LCSs were analyzed to assess accuracy for radionuclide analyses. The LCSs serve as a monitor of the overall performance of each step during the analysis, including the radiochemical separation preparation. The ER Project analytical services SOW specifies that LCS recoveries should be within ±25% of the certified value (LANL 1995, 49738). The analytical results for individual LCSs were all within the ±25% recovery control limit.

Method blanks are also used to assess bias. The ER Project analytical services SOW specifies that the method blank concentration should not exceed the required estimated quantitation limit (LANL 1995, 49738).

C-4.0 ORGANIC CHEMICAL ANALYSES

In the mesa-top area, 37 samples were collected and analyzed for UST-related semivolatile organic analytes, UST-related volatile organic analytes, total petroleum hydrocarbons diesel-range organics (TPH-DRO), and total petroleum hydrocarbon gasoline-range organics (TPH-GRO).

In the eastern seep area, 37 samples were collected and analyzed for UST-related semivolatile organic analytes and UST-related volatile organic analytes. In addition, 38 samples were collected and analyzed for TPH-DRO and TPH-GRO.

In the western seep area, 95 samples were collected and analyzed for UST-related semivolatile organic analytes, 96 for UST-related volatile organic analytes, and 97 for TPH-DRO and TPH-GRO.

The SW-846 methods used for the organic analyses are shown in Table C-4.0-1. The data quality summaries for these analyses are presented in Section C-5.0. All QC procedures were followed as required in the ER Project analytical services SOW (LANL 1995, 49738). All extraction and analysis holding times were met with the exception of those for samples MD21-00-0150, MD21-00-0151, and MD21-00-0152 for the TPH analyses (diesel-range organics). The results for these samples were rejected because of these missed holding times.

Table C-4.0-1
Analytical Methods for Organic Analyses

Analytical Method	Method Description	Target Compound List
EPA Method 3540 – Extraction SW-846 Method 8270C - Analysis	Semivolatile organic compounds by gas chromatography/mass spectrometry	ER Project analytical services SOW (LANL 1995, 49738).
EPA Method 5035 – Sampling and Extraction SW-846 Method 8260B - Analysis	Volatile organic compounds by gas chromatography/mass spectrometry	ER Project analytical services SOW (LANL 1995, 49738).
SW-846 Method 8015M	Total petroleum hydrocarbons by gas chromatography (diesel-range organics)	UST-related TPH-DRO
SW-846 Method 8015M	Total petroleum hydrocarbons by gas chromatography (gasoline-range organics)	UST-related TPH-GRO

C-4.1 Field Analyses

The Ensys Petro Soil Test Kit, EPA Method 4030, manufactured by Strategic Diagnostics Inc., was employed in testing for TPH. The test is a screening-level immunoassay method. The manufacturer supplied a TPH standard that was used at 40 mg/kg and 160 mg/kg. The method is expected to correctly identify 95% of samples that are petroleum-free and those containing 40 mg/kg TPH as a lower limit.

The 40-mg/kg standard is run in duplicate to provide an internal test of system quality control. These standards are inserted in a differential photometer, and a valid test is indicated when the magnitude of the displayed number is less than 0.3 (absolute value). If the displayed result exceeds ±0.3, the result was considered outside QC limits and the test was repeated.

All samples are compared with the more conservative standard for determining the presence or absence of petroleum hydrocarbons at the specified level (40 mg/kg or 160 mg/kg). If the photometer reading is negative or zero, petroleum hydrocarbons are present at a level greater than or equal to the testing level for that sample. If the photometer reading is positive, the concentration of petroleum hydrocarbons is less than the testing level for that sample.

The performance of the immunoassay test kits for weathered diesel was determined by comparing the analytical laboratory results with the findings from the test kits. One immunoassay test was set up with a detection limit of 40 mg/kg, and the second test was set up with a detection limit of 160 mg/kg. Thus, three outcomes were possible from immunoassay field screening: not detected, detected at 40 mg/kg or greater, or detected at 160 mg/kg or greater. There were also two TPH samples that were not tested. A statistical summary of the analytical laboratory TPH results is provided in Table C-4.1-1 (note that nondetect sample results are included in this summary at the reported detection limit). Figure C-4.1-1 illustrates the same analytical laboratory results in a box plot comparison (see Appendix E for a general discussion of box plots). Nondetect sample results are plotted as a separate symbol in Figure C-4.1-1, and it can be seen that the largest value (2800 mg/kg) for the "not detected" group is a nondetect. The largest detected sample result for the "not detected" group is 770 mg/kg, which is more similar to the maximum concentration for the "greater than 40 mg/kg" group (490 mg/kg). The statistical summary shows that greater concentrations of TPH were measured in samples in the "greater than 160 mg/kg" group. The fraction of analytical laboratory results for the three field-screening groups is summarized in Table C-4.1-2. Table C-4.1-2 shows that the frequency of analytical laboratory TPH concentrations

greater than the field-screening thresholds is nearly identical for the "not detected" and "greater than 40 mg/kg" groups. Thus, the immunoassay tests kits did not resolve low-level TPH concentrations. However, the frequency of true positive results increased dramatically for the "greater than 160 mg/kg" group, which demonstrates better performance for the immunoassay kit at a greater concentration. This analysis supports the role of immunoassay test kits in locating elevated TPH concentrations, especially for immunoassay test kits targeted at 160 mg/kg or greater.

Table C-4.1-1
Statistical Summary of Analytical Laboratory TPH Diesel Results

Immunoassay Group	Number of Samples	Minimum (mg/kg)	Median (mg/kg)	Maximum (mg/kg)	Mean (mg/kg)	Standard Deviation
Not detected	95	4	28	2800	85	300
Detected at >=40 mg/kg	40	12	29	490	60	91
Detected at >=160 mg/kg	73	10	92	25000	2000	4500
Not tested	2	12	35.5	59	36	33

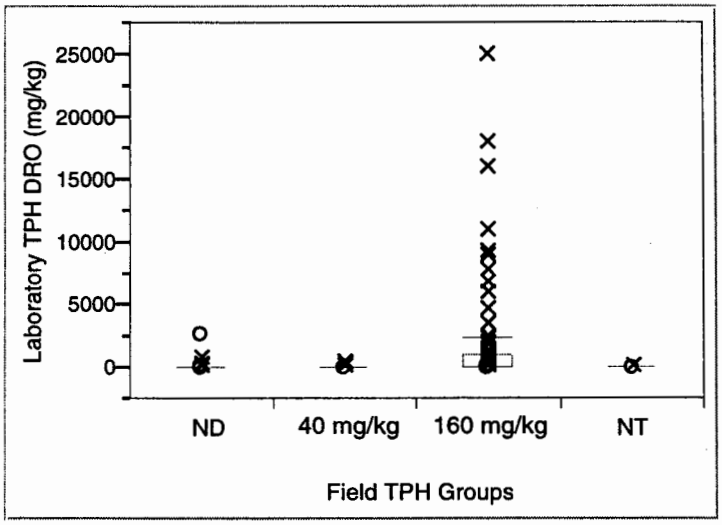


Figure C-4.1-1. Box plot comparison of analytical laboratory TPH-DRO results for immunoassay result groups (ND = not detected, NT = not tested, o = nondetects, x = detected TPH-DRO concentrations)

Table C-4.1-2
Frequency of Detects above TPH-DRO Screening Thresholds

Immunoassay Group	Number of Samples	Analytical Laboratory TPH-DRO Sample Results			
		Number of Detects >40 mg/kg	Percentage of Detects >40 mg/kg	Number of Detects >160 mg/kg	Percentage of Detects >160 mg/kg
Not detected	95	419	20%	7	7.4%
Detected at >=40 mg/kg	40	9	23%	3	7.5%
Detected at >=160 mg/kg	73	49	67%	34	47%

C-4.2 Fixed-Laboratory Analyses

Holding times, method blanks, LCSs, matrix spike samples, internal standards, and surrogates were analyzed to assess accuracy and precision for organic chemical analyses. Each of these QA/QC sample types is defined in the ER Project analytical services SOW and described briefly in the sections below (LANL 1995, 49738).

Semivolatile organic data were validated using ER SOP 15.02, Revision 0, "Routine Validation of Semivolatile Organic Data." Volatile organic data were validated using ER SOP 15.01, Revision 0, "Routine Validation of Volatile Organic Data." TPH data were validated using "US EPA Contract Laboratory Program National Functional Guidelines for Organic Data Review" (EPA 1999, 66649).

For semivolatile organic and extractable TPH analyses, soil samples must be extracted within 14 days (extraction holding time). The extracts must be analyzed within 40 days (analysis holding time). For volatile organic and purgeable TPH analyses, the samples must be analyzed within 14 days.

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, 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 sample 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 (10 times for common laboratory contaminants) (EPA 1999, 66649).

An LCS is a known matrix that has been spiked with compound(s) representative of the target analytes. The LCS is used to document lab performance. For organic analyses, the acceptance criteria for LCS analytes are method specific. The LCS serves as a monitor of the overall performance of each step during the analysis, including sample extraction and injection.

The matrix spike sample is an environmental sample spiked with known concentrations of target analyte(s). The matrix spike samples are used to measure the ability to recover prescribed analytes from a native sample matrix. The sample is spiked before preparation and analysis. Accuracy for organic chemical analyses is assessed using matrix spike samples. A matrix spike sample is designed to provide information about the effect of each sample matrix on the sample preparation procedures and analytical technique. The spike sample recoveries are specific to each method.

Internal standards are chemical compounds added to every blank, sample, and standard extract at a known concentration that is used to compensate for analyte concentration changes that might occur

during extract storage and to compensate for quantitation variations that occur during analysis. Internal standards are used as the basis for quantitating target analytes. The area counts for internal standards must be between -50% and +100% for the associated continuing calibration verification (EPA 1999, 66649).

Surrogates are organic chemicals used in the analysis of organic target analytes. These compounds are similar in composition and behavior to target analytes but are not normally found in environmental samples. Surrogates are added to every blank, sample, and spike to evaluate the efficiency with which analytes are recovered during extraction and analysis. The acceptable surrogate recovery ranges are listed in the ER validation SOPs referenced above.

Any organic analysis data qualified based on the results for the preceding QA/QC sample types are shown in the tables in Section C-5.0.

C-4.3 Fixed-Laboratory Organic Dilutions

For the Mesa-Top Investigation, the samples analyzed for organic analytes had dilution factors between 1 and 2, except for five TPH-GRO samples that were diluted 10 times. Except for the five TPH-GRO samples (MD21-01-0131, -0132, -0133, -0134, and -0135), the dilutions were necessary to bring target analytes within the instrument calibration range. The five TPH-GRO samples should not have been diluted for these nondetect results, and the detection limit for these samples was elevated from 0.1 to 1 mg/kg by the dilution factor of 10.

For the Western Seep Investigation Area samples, there are elevated detection limits because of improper dilutions. For TPH-DRO samples MD21-00-0063 and MD21-00-0064, results were both nondetect, with detection limits elevated 10 times because of the 10-fold dilution. Also, for TPH-DRO sample MD21-01-0213, the result was nondetect, and the dilution factor was 100. For TPH-GRO samples MD21-01-0192, -0193, -0202, -0203, -0204, -0205, -0207, -0208, -0209, -0210, -0211, -0212, and -0213, all results were nondetect, with reporting limits elevated 2.5 times because of dilution. For semivolatile organic analyses, the following samples also all had nondetect results for target analytes, with elevated reporting limits: MD21-00-0063, MD21-00-0064, and MD21-00-0118 (2 times); MD21-00-0148, MD21-01-0205, MD21-01-0212, and MD21-01-0213 (5 times); and MD21-01-0187 and MD21-01-0188 (20 times). For volatile organic analyses, sample MD21-01-0142 had no detected target analytes and was diluted five times.

For the Eastern Seep Investigation Area, semivolatile organic analysis results for the following samples are all nondetect for the target analytes, with elevated reporting limits: MD21-01-0167 (2 times); MD21-01-0184 (5 times); MD21-00-0165, MD21-01-0161, and MD21-01-0165 (10 times); and MD21-01-0160 and MD21-01-0179 (20 times). For TPH-GRO samples MD21-01-0164, -0168, -0169, -0170, -0171, -0172, -0173, -0177, -0178, and -0181, all results are nondetect, with reporting limits elevated 2.5 times because of dilution.

C-5.0 RESULTS OF 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-5.0-1. Tables in Section C-5.1 summarize the qualifiers for the UST-related analytes evaluated in this investigation. Tables in Section C-5.2 summarize the data quality for the non-UST-related analytes that were analyzed but not assessed in this report.

Table C-5.0-1
Explanation of Data Qualifiers

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.
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 Data Review for UST-Related Inorganic Analytes

Tables C-5.1-1 and C-5.1-2 present the UST-related analytes that were qualified for each area of concern. Explanations are given for each sample qualified.

Table C-5.1-1
Data Quality Evaluation for UST-Related Inorganic Analytes

Request	Sample ID	Location ID	Depth (ft)	Suite	Analyte	Explanation
DP Tank Farm Mesa Top						
7231R	MD21-00-0103 MD21-00-0104 MD21-00-0105 MD21-00-0106	21-11151 21-11151 21-11151 21-11151	24–25 95–96 105–105.5 105.5–106.5	Lead	Lead	The results for this analyte should be regarded as estimated (J) because the relative percent difference between the sample and the laboratory duplicate sample exceeded 35%.
8881R	MD21-01-0126 MD21-01-0127	21-11244 21-11244	9–10 104–104.5	Lead	Lead	The results for this analyte should be regarded as estimated and biased high (J+) because the matrix spike recovery for this analyte was high.
8888R	MD21-01-0128 MD21-01-0129	21-11244 21-11245	39–40 34–35	Lead	Lead	The results for this analyte should be regarded as estimated and biased high (J+) because the matrix spike recovery for this analyte was high.
8901R	MD21-01-0130 MD21-01-0131 MD21-01-0132 MD21-01-0133 MD21-01-0134 MD21-01-0135 MD21-01-0136	21-11245 21-11245 21-11245 21-11245 21-11245 21-11245 21-11245	64–65 69–70 79–80 84–85 89–90 103–104 103–104	Lead	Lead	The results for this analyte should be regarded as estimated and biased high (J+) because the matrix spike recovery for this analyte was high.

Table C-5.1-1 (continued)
Data Quality Evaluation for UST-Related Inorganic Analytes

Request	Sample ID	Location ID	Depth (ft)	Suite	Analyte	Explanation
8932R	MD21-01-0140 MD21-01-0141	21-11247 21-11247	1.5–2 5.5–6	Lead	Lead	The results for this analyte should be regarded as estimated and biased low (J-) because the matrix spike recovery for this analyte was low.
Eastern Seep Area						
8915R	MD21-01-0074 MD21-01-0075	21-11246 21-11246	0–0.5 0–0.5	Lead	Lead	The results for this analyte should be regarded as estimated and biased low (J-) because the matrix spike recovery for this analyte was low.
Western Seep Area						
8802R	MD21-01-0100 MD21-01-0101 MD21-01-0102 MD21-01-0103 MD21-01-0104 MD21-01-0105	21-11231 21-11230 21-11231 21-11231 21-11231 21-11231	32–32.5 89–90 5.8–6 24–25 29–30 34–35	Lead	Lead	The results for this analyte should be regarded as estimated and biased high (J+) because the matrix spike recovery for this analyte was high.
8878R	MD21-01-0118 MD21-01-0119 MD21-01-0120 MD21-01-0121 MD21-01-0122 MD21-01-0123	21-11242 21-11242 21-11242 21-11242 21-11242 21-11243	49–50 59–60 74–75 79–80 94–94.5 84–85	Lead	Lead	The results for this analyte should be regarded as estimated and biased high (J+) because the matrix spike recovery for this analyte was high.
8881R	MD21-01-0124 MD21-01-0125	21-11243 21-11243	44–45 39–40	Lead	Lead	The results for this analyte should be regarded as estimated and biased high (J+) because the matrix spike recovery for this analyte was high.
8932R	MD21-01-0142	21-11248	0–0.5	Lead	Lead	The results for this analyte should be regarded as estimated and biased low (J-) because the matrix spike recovery for this analyte was low.
8934R	MD21-01-0143 MD21-01-0144 MD21-01-0145 MD21-01-0146	21-11249 21-11249 21-11249 21-11249	1.5–2 3.5–4 5.5–6 5.5–6	Lead	Lead	The results for this analyte should be regarded as estimated and biased low (J-) because the matrix spike recovery for this analyte was low.
8938R	MD21-01-0147 MD21-01-0148	21-11250 21-11250	1.5–2 3.5–4	Lead	Lead	The results for this analyte should be regarded as estimated and biased low (J-) because the matrix spike recovery for this analyte was low.

Table C-5.1-1 (continued)
Data Quality Evaluation for UST-Related Inorganic Analytes

Request	Sample ID	Location ID	Depth (ft)	Suite	Analyte	Explanation
8940R	MD21-01-0149 MD21-01-0150 MD21-01-0151	21-11251 21-11251 21-11251	1.5–2 3–3.5 3–3.5	Lead	Lead	The results for this analyte should be regarded as estimated and biased low (J-) because the matrix spike recovery for this analyte was low.
8952R	MD21-01-0152 MD21-01-0153	21-11252 21-11252	1.5–2 5.5–6	Lead	Lead	The results for this analyte should be regarded as estimated and biased low (J-) because the matrix spike recovery for this analyte was low.
9163R	MD21-01-0191 MD21-01-0192 MD21-01-0193 MD21-01-0194 MD21-01-0195 MD21-01-0196 MD21-01-0197	21-11264 21-11264 21-11263 21-11263 21-11263 21-11263 21-11263	0–0.3 6–7 1.5–2 2.5–3 2.5–3 4.5–5 5.9–6.3	Lead	Lead	The results for this analyte should be regarded as estimated and biased low (J-) because the matrix spike recovery for this analyte was low.
9165R	MD21-01-0198 MD21-01-0199 MD21-01-0200 MD21-01-0201 MD21-01-0202 MD21-01-0203 MD21-01-0204	21-11263 21-11263 21-11263 21-11263 21-11263 21-11263 21-11263	9.6–10.3 11.5–12 12.5–13 15.6–16.2 17–18 18.5–19.2 19.9–20.6	Lead	Lead	The results for this analyte should be regarded as estimated and biased low (J-) because the matrix spike recovery for this analyte was low.

Table C-5.1-2
Data Quality Evaluation for UST-Related Organic Analytes

Request	Sample ID	Location ID	Depth (ft)	Suite	Analyte	Explanation
DP Tank Farm Mesa Top						
7056R	MD21-00-0061	21-11141	0–1	SVOC	Benz(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(k)fluoranthene Chrysene Fluoranthene Phenanthrene Pyrene	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
7056R	MD21-00-0061	21-11141	0–1	TPH-GRO	Gasoline-range organics	The reporting limit for this analyte should be regarded as estimated (UJ) because the calibration verification for this analyte did not meet method requirements.
7056R	MD21-00-0061	21-11141	0–1	VOC	Toluene	The result for this analyte should be regarded as estimated (J) because the result was less than the practical quantitation limit but above the method detection limit.

Table C-5.1-2 (continued)
Data Quality Evaluation for UST-Related Organic Analytes

Request	Sample ID	Location ID	Depth (ft)	Suite	Analyte	Explanation
7056R	MD21-00-0062	21-11141	4–5	SVOC	Acenaphthene Anthracene Benz(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(k)fluoranthene Chrysene Dibenz(a,h)anthracene Fluoranthene Fluorene Methylnaphthalene[2-] Naphthalene Phenanthrene Pyrene	The reporting limits for these analytes should be regarded as estimated (UJ) because the surrogate recovery associated with these analytes was low.
7056R	MD21-00-0062	21-11141	4–5	TPH-GRO	Gasoline-range organics	The reporting limit for this analyte should be regarded as estimated (UJ) because the calibration verification for this analyte did not meet method requirements.
7200R	MD21-00-0101 MD21-00-0102	21-11150 21-11150	64–65 107.5–108.5	TPH-GRO	Gasoline-range organics	The reporting limits for this analyte should be regarded as estimated (UJ) because the calibration verification for this analyte did not meet method requirements.
7200R	MD21-00-0101 MD21-00-0102	21-11150 21-11150	64–65 107.5–108.5	TPH-DRO	Diesel-range organics	The reporting limits for this analyte should be regarded as estimated (UJ) because the calibration verification for this analyte did not meet method requirements.
7241R	MD21-00-0109 MD21-00-0110 MD21-00-0111 MD21-00-0112	21-11153 21-11153 21-11154 21-11154	49–50 94–95 49–50 92.5–92.5	TPH-DRO	Diesel-range organics	The reporting limits for this analyte should be regarded as estimated (UJ) because the analysis holding time was exceeded (less than 2 times).
7241R	MD21-00-0109 MD21-00-0110 MD21-00-0111 MD21-00-0112	21-11153 21-11153 21-11154 21-11154	49–50 94–95 49–50 92.5–92.5	TPH-GRO	Gasoline-range organics	The reporting limits for this analyte should be regarded as estimated (UJ) because the calibration verification for this analyte did not meet method requirements.
7245R	MD21-00-0113 MD21-00-0114	21-11155 21-11155	54–55 87.5–90	SVOC	Acenaphthene Anthracene Benz(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(k)fluoranthene Chrysene Dibenz(a,h)anthracene Fluoranthene Fluorene Methylnaphthalene[2-] Naphthalene Phenanthrene Pyrene	The reporting limits for this analyte should be regarded as estimated (UJ) because the extraction holding time was exceeded (less than 2 times).

Table C-5.1-2 (continued)
Data Quality Evaluation for UST-Related Organic Analytes

Request	Sample ID	Location ID	Depth (ft)	Suite	Analyte	Explanation
7245R	MD21-00-0113 MD21-00-0114	21-11155 21-11155	54–55 87.5–90	TPH-DRO	Diesel-range organics	The reporting limits for this analyte should be regarded as estimated (UJ) because the analysis holding time was exceeded (less than 2 times).
7245R	MD21-00-0113 MD21-00-0114	21-11155 21-11155	54–55 87.5–90	TPH-GRO	Gasoline-range organics	The reporting limits for this analyte should be regarded as estimated (UJ) because the calibration verification for this analyte did not meet method requirements.
7255R	MD21-00-0115 MD21-00-0116 MD21-00-0117	21-11156 21-11156 21-11156	9–10 60–61 99–100	TPH-GRO	Gasoline-range organics	The reporting limits for this analyte should be regarded as estimated (UJ) because the calibration verification for this analyte did not meet method requirements.
8816R	MD21-01-0108 MD21-01-0109 MD21-01-0112	21-11232 21-11232 21-11232	6.3–6.6 10–11 21.7–22.5	SVOC	Acenaphthene Anthracene Benz(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(k)fluoranthene Chrysene Dibenz(a,h)anthracene Fluoranthene Fluorene Methylnaphthalene[2-] Naphthalene Phenanthrene Pyrene	The reporting limits for these analytes should be regarded as estimated (UJ) because the internal standard recovery associated with these analytes was outside of the required range.
8880R	MD21-01-0126	21-11244	9–10	VOC	Toluene	The result for this analyte should be regarded as estimated and biased high (J+) because the surrogate recovery for this analyte was high.
8880R	MD21-01-0127	21-11244	104–104.5	SVOC	Acenaphthene Anthracene Benz(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(k)fluoranthene Chrysene Dibenz(a,h)anthracene Fluoranthene Fluorene Methylnaphthalene[2-] Naphthalene Phenanthrene Pyrene	The reporting limits for these analytes should be regarded as estimated (UJ) because the surrogate recovery associated with these analytes was low.
8887R	MD21-01-0128 MD21-01-0129	21-11244 21-11245	39–40 34–35	VOC	Benzene Toluene	The reporting limits for these analytes should be regarded as estimated (UJ) because the internal standard recovery associated with this analyte was outside of the required range.

Table C-5.1-2 (continued)
Data Quality Evaluation for UST-Related Organic Analytes

Request	Sample ID	Location ID	Depth (ft)	Suite	Analyte	Explanation
8900R	MD21-01-0130 MD21-01-0131 MD21-01-0132 MD21-01-0133 MD21-01-0134	21-11245 21-11245 21-11245 21-11245 21-11245	64–65 69–70 79–80 84–85 89–90	TPH-DRO	Diesel-range organics	The results for this analyte should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
8900R	MD21-01-0136	21-11245	103–104	TPH-GRO	Gasoline-range organics	The reporting limits for this analyte should be regarded as estimated (UJ) because the surrogate recovery associated with this analyte was low.
8931R	MD21-01-0140	21-11247	1.5–2	SVOC	Acenaphthene Anthracene Benz(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(k)fluoranthene Chrysene Dibenz(a,h)anthracene Fluoranthene Fluorene Methylnaphthalene[2-] Naphthalene Phenanthrene Pyrene	The reporting limits for these analytes should be regarded as estimated (UJ) because the surrogate recovery associated with these analytes was low.
Eastern Seep Area						
7919R	MD21-00-0165	21-11181	5–6	SVOC	Anthracene Phenanthrene	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
7919R	MD21-00-0165	21-11181	5–6	VOC	Toluene Xylene (Total)	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
8914R	MD21-01-0075	21-11246	0–0.5	SVOC	Benz(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(k)fluoranthene Chrysene Fluoranthene Phenanthrene Pyrene	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
8966R	MD21-01-0154	21-11253	5.5–6	TPH-GRO	Gasoline-range organics	The detection limit for this analyte should be regarded as estimated (UJ) because the surrogate recovery associated with this analyte was low.
8966R	MD21-01-0156	21-11254	1.5–2	SVOC	Benz(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(k)fluoranthene Chrysene Fluoranthene	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.

Table C-5.1-2 (continued)
Data Quality Evaluation for UST-Related Organic Analytes

Request	Sample ID	Location ID	Depth (ft)	Suite	Analyte	Explanation
8966R	MD21-01-0157	21-11254	2.8–3.5	TPH-DRO	Diesel-range organics	The result for this analyte should be regarded as estimated and biased high (J+) because the surrogate recovery associated with this analyte was high.
8986R	MD21-01-0160	21-11255	9.5–10	TPH-GRO	Gasoline-range organics	The detection limit for this analyte should be regarded as estimated (UJ) because the analysis holding time was exceeded (less than 2 times).
8986R	MD21-01-0160	21-11255	9.5–10	VOC	Toluene	The result for this analyte should be regarded as estimated and biased high (J+) because the surrogate recovery associated with this analyte was high.
8988R	MD21-01-0163	21-11256	1.8–2.1	VOC	Toluene	The result for this analyte should be regarded as estimated and biased high (J+) because the surrogate recovery associated with this analyte was high.
8988R	MD21-01-0166	21-11257	1.5–2	SVOC	Benz(a)anthracene Chrysene Fluoranthene Pyrene	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
8988R	MD21-01-0166	21-11257	1.5–2	TPH-GRO	Gasoline-range organics	The result for this analyte should be regarded as estimated and biased low (J-) because the surrogate recovery associated with this analyte was low.
9086R	MD21-01-0168	21-11256	10–10.75	TPH-GRO	Gasoline-range organics	The detection limit for this analyte should be regarded as estimated (UJ) because the surrogate recovery associated with this analyte was low.
9086R	MD21-01-0170	21-11258	1.5–2	TPH-DRO	Diesel-range organics	The result for this analyte should be regarded as estimated and biased high (J+) because the surrogate recovery associated with this analyte was high.
9086R	MD21-01-0170	21-11258	1.5–2	VOC	Ethylbenzene	The detection limit for this analyte should be regarded as estimated (UJ) because the internal standard recovery associated with this analyte was low.
9086R	MD21-01-0170	21-11258	1.5–2	VOC	Toluene	The result for this analyte should be regarded as estimated and biased high (J+) because the surrogate recovery associated with this analyte was high.

Table C-5.1-2 (continued)
Data Quality Evaluation for UST-Related Organic Analytes

Request	Sample ID	Location ID	Depth (ft)	Suite	Analyte	Explanation
9086R	MD21-01-0170	21-11258	1.5–2	VOC	Xylene (Total) Xylene[1,2-]	The detection limits for these analytes should be regarded as estimated (UJ) because the internal standard recovery associated with these analytes was low.
9086R	MD21-01-0171	21-11258	3.5–4	TPH-DRO	Diesel-range organics	The result for this analyte should be regarded as estimated and biased high (J+) because the surrogate recovery associated with this analyte was high.
9086R	MD21-01-0172 MD21-01-0177 MD21-01-0181	21-11258 21-11258 21-11259	5.5–6 17–18 14–15.3	TPH-GRO	Gasoline-range organics	The detection limit for this analyte should be regarded as estimated (UJ) because the surrogate recovery associated with this analyte was low.
9086R	MD21-01-0174 MD21-01-0175	21-11258 21-11258	9.5–10 14.3–14.7	SVOC	Acenaphthene Anthracene Benz(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(k)fluoranthene Chrysene Dibenz(a,h)anthracene Fluoranthene Fluorene Methylnaphthalene[2-] Naphthalene Phenanthrene Pyrene	The detection limits for this analyte should be regarded as estimated (UJ) because the surrogate recovery associated with these analytes was low.
Western Seep Area						
6898R	MD21-00-0036	21-11130	0–0.5	TPH-GRO	Gasoline-range organics	The result for this analyte should be regarded as estimated (J) because the result was less than the practical quantitation limit but above the method detection limit.
6898R	MD21-00-0035 MD21-00-0080	21-11129 21-11127	0–0.5 0–0.5	SVOC	Benzo(a)pyrene Benzo(b)fluoranthene Benzo(k)fluoranthene Dibenz(a,h)anthracene	The reporting limits for these analytes should be regarded as estimated (UJ) because the internal standard recovery associated with these analytes was outside of method requirements.
6898R	MD21-00-0080	21-11127	0–0.5	SVOC	Fluoranthene Phenanthrene Pyrene	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limits but above the method detection limits.
6898R	MD21-00-0081	21-11128	0–0.5	SVOC	Benz(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(k)fluoranthene Chrysene Dibenz(a,h)anthracene Pyrene	The reporting limits for these analytes should be regarded as estimated (UJ) because the internal standard recovery associated with these analytes was outside of method requirements.

Table C-5.1-2 (continued)
Data Quality Evaluation for UST-Related Organic Analytes

Request	Sample ID	Location ID	Depth (ft)	Suite	Analyte	Explanation
7045R	MD21-00-0063	21-11142	1–2	SVOC	Acenaphthene Anthracene Benz(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(k)fluoranthene Chrysene Fluoranthene Fluorene Naphthalene Phenanthrene Pyrene	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
7045R	MD21-00-0063	21-11142	1–2	TPH-DRO	Diesel-range organics	The result for this analyte should be regarded as not detected (U) because the result was less than 5 times the result for this analyte in the method blank.
7045R	MD21-00-0063 MD21-00-0064	21-11142 21-11142	1–2 2–3	TPH-GRO	Gasoline-range organics	The results for this analytes should be regarded as estimated (J) because the calibration verification for this analyte did not meet method requirements.
7045R	MD21-00-0064	21-11142	2–3	SVOC	Methylnaphthalene[2-] Naphthalene	The reporting limits for these analytes should be regarded as estimated (UJ) because the internal standard recovery associated with these analytes was outside of method requirements
7130R	MD21-00-0073 MD21-00-0074 MD21-00-0088 MD21-00-0089 MD21-00-0090	21-11147 21-11147 21-11147 21-11147 21-11147	37–38 44–45 49–50 54–55 59.7–60.3	TPH-GRO	Gasoline-range organics	The reporting limits for this analyte should be regarded as estimated (UJ) because the holding time was exceeded (less than 2 times).
7136R	MD21-00-0091	21-11147		SVOC	Acenaphthene Anthracene Benz(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(k)fluoranthene Chrysene Dibenz(a,h)anthracene Fluoranthene Fluorene Methylnaphthalene[2-] Naphthalene Phenanthrene Pyrene	The results for these analytes should be regarded as rejected (R) because the surrogate recoveries associated with these analytes were less than 10%.
7259R	MD21-00-0118 MD21-00-0120	21-11157 21-11162	2–2.5 6–6.5	SVOC	Phenanthrene	The results for this analyte should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.

Table C-5.1-2 (continued)
Data Quality Evaluation for UST-Related Organic Analytes

Request	Sample ID	Location ID	Depth (ft)	Suite	Analyte	Explanation
7259R	MD21-00-0118 MD21-00-0119 MD21-00-0120 MD21-00-0121	21-11157 21-11157 21-11162 21-11162	2–2.5 14–14.8 6–6.5 16–16.5	TPH-GRO	Gasoline-range organics	The reporting limits for this analyte should be regarded as estimated (UJ) because the calibration verification for this analyte did not meet method requirements.
7259R	MD21-00-0119 MD21-00-0120 MD21-00-0121	21-11157 21-11162 21-11162	14–14.8 6–6.5 16–16.5	TPH-DRO	Diesel-range organics	The reporting limits for this analyte should be regarded as estimated (UJ) because the calibration verification for this analyte did not meet method requirements.
7331R	MD21-00-0147 MD21-00-0148	21-11173 21-11173	0–0.5 0.5–1.5	TPH-DRO	Diesel-range organics	The results for this analyte should be regarded as estimated and biased high (J+) because the laboratory control sample recovery associated with this analyte was high.
8733R	MD21-01-0093 MD21-01-0094 MD21-01-0095	21-11229 21-11229 21-11229	69–70 80.6–81.2 91.5–92.5	TPH-DRO	Diesel-range organics	The reporting limits for this analyte should be regarded as estimated (UJ) because the holding time was exceeded (less than 2 times).
8733R	MD21-01-0093 MD21-01-0093	21-11229 21-11229	69–70 69–70	VOC	Benzene	The reporting limits for this analyte should be regarded as estimated (UJ) because the internal standard recovery associated with this analyte was outside of method requirements.
8767R	MD21-01-0097	21-11230	54.3–55	SVOC	Acenaphthene Anthracene Fluoranthene Fluorene Methylnaphthalene[2-] Naphthalene Phenanthrene	The reporting limits for these analytes should be regarded as estimated (UJ) because the internal standard recovery associated with these analytes was outside of method requirements
8779R	MD21-01-0099	21-11230	104.2–105	SVOC	Acenaphthene Anthracene Benz(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(k)fluoranthene Chrysene Dibenz(a,h)anthracene Fluoranthene Fluorene Methylnaphthalene[2-] Naphthalene Phenanthrene Pyrene	The reporting limits for these analytes should be regarded as estimated (UJ) because the internal standard recoveries associated with these analytes were outside of method requirements.
8801R	MD21-01-0105	21-11231	34–35	TPH-DRO	Diesel-range organics	The result for this analyte should be regarded as not detected (U) because the result was less than 5 times the result for this analyte in the method blank.

Table C-5.1-2 (continued)
Data Quality Evaluation for UST-Related Organic Analytes

Request	Sample ID	Location ID	Depth (ft)	Suite	Analyte	Explanation
8816R	MD21-01-0106 MD21-01-0107	21-11231 21-11231	38.8–39.8 45–45.5	SVOC	Acenaphthene Anthracene Benz(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(k)fluoranthene Chrysene Dibenz(a,h)anthracene Fluoranthene Fluorene Methylnaphthalene[2-] Naphthalene Phenanthrene Pyrene	The reporting limits for these analytes should be regarded as estimated (UJ) because the internal standard recoveries associated with these analytes were outside of method requirements.
8816R	MD21-01-0106 MD21-01-0107	21-11231 21-11231	38.8–39.8 45–45.5	TPH-DRO	Diesel-range organics	The results for this analyte should be regarded as not detected (U) because the results were less than 5 times the result for this analyte in the method blank.
8820R	MD21-01-0080 MD21-01-0082	21-11233 21-11235	0–0.07 0–0.07	SVOC	Acenaphthene Anthracene Benz(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(k)fluoranthene Chrysene Dibenz(a,h)anthracene Fluoranthene Fluorene Methylnaphthalene[2-] Naphthalene Phenanthrene Pyrene	The reporting limits for these analytes should be regarded as estimated (UJ) because the surrogate recoveries associated with these analytes were low.
8820R	MD21-01-0080 MD21-01-0085	21-11233 21-11238	0–0.07 0–0.13	VOC	Ethylbenzene Xylene (Total) Xylene[1,2-]	The reporting limits for these analytes should be regarded as estimated (UJ) because the internal standard recovery associated with these analytes was outside of method requirements.
8820R	MD21-01-0080 MD21-01-0082 MD21-01-0083 MD21-01-0084 MD21-01-0085 MD21-01-0086 MD21-01-0087	21-11233 21-11235 21-11237 21-11237 21-11238 21-11239 21-11236	0–0.07 0–0.07 0–0.13 0–0.13 0–0.13 0–0.13 0–0.13	VOC	Toluene	The result for this analyte should be regarded as estimated and biased high (J+) because the surrogate recovery associated with this analytes was high.
8839R	MD21-01-0084	21-11237	0–0.13	SVOC	Acenaphthene Anthracene Dibenz(a,h)anthracene Fluorene Methylnaphthalene[2-] Naphthalene	The reporting limits for this analyte should be regarded as estimated (UJ) because the surrogate recoveries associated with this analytes were low.

Table C-5.1-2 (continued)
Data Quality Evaluation for UST-Related Organic Analytes

Request	Sample ID	Location ID	Depth (ft)	Suite	Analyte	Explanation
8839R	MD21-01-0084	21-11237	0–0.13	SVOC	Benz(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(k)fluoranthene Chrysene Fluoranthene Phenanthrene Pyrene	The results for these analytes should be regarded as estimated and biased low (J-) because the surrogate recoveries associated with these analytes were low.
8839R	MD21-01-0085	21-11238	0–0.13	SVOC	Phenanthrene Pyrene	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
8839R	MD21-01-0086	21-11239	0–0.13	SVOC	Benz(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(k)fluoranthene Phenanthrene Pyrene	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
8839R	MD21-01-0087	21-11236	0–0.13	SVOC	Benz(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(k)fluoranthene Chrysene Pyrene	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
8839R	MD21-01-0087	21-11236	0–0.13	SVOC	Fluoranthene Phenanthrene	The results for these analytes should be regarded as estimated (J) because the internal standard recovery associated with these analytes was outside of method requirements.
8839R	MD21-01-0086	21-11239	0–0.13	VOC	Benzene Ethylbenzene Xylene[1,2-]	The reporting limits for these analytes should be regarded as estimated (UJ) because the internal standard recovery associated with these analytes was outside of method requirements.
8880R	MD21-01-0124	21-11243	44–45	VOC	Benzene Toluene	The reporting limits for these analytes should be regarded as estimated (UJ) because the internal standard recovery associated with these analytes was outside of method requirements.
8933R	MD21-01-0143 MD21-01-0144 MD21-01-0145 MD21-01-0146	21-11249 21-11249 21-11249 21-11249	1.5–2 3.5–4 5.5–6 5.5–6	TPH-GRO	Gasoline-range organics	The reporting limits for this analyte should be regarded as estimated (UJ) because the holding time was exceeded (less than 2 times).

Table C-5.1-2 (continued)
Data Quality Evaluation for UST-Related Organic Analytes

Request	Sample ID	Location ID	Depth (ft)	Suite	Analyte	Explanation
8933R	MD21-01-0144	21-11249	3.5–4	SVOC	Acenaphthene Anthracene Benz(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(k)fluoranthene Chrysene Dibenz(a,h)anthracene Fluoranthene Fluorene Methylnaphthalene[2-] Naphthalene Phenanthrene Pyrene	The reporting limits for these analytes should be regarded as estimated (UJ) because the surrogate recoveries associated with these analytes were low.
8933R	MD21-01-0144	21-11249	3.5–4	VOC	Toluene	The result for this analyte should be regarded as estimated (J) because the result was less than the practical quantitation limit but above the method detection limit.
8937R	MD21-01-0148	21-11250	3.5–4	SVOC	Fluoranthene	The result for this analyte should be regarded as estimated (J) because the result was less than the practical quantitation limit but above the method detection limit.
8937R	MD21-01-0148	21-11250	3.5–4	TPH-GRO	Gasoline-range organics	The reporting limits for this analyte should be regarded as estimated (UJ) because the surrogate recovery associated with this analyte was low.
8939R	MD21-01-0149	21-11251	1.5–2	TPH-GRO	Gasoline-range organics	The reporting limit for this analyte should be regarded as estimated (UJ) because the surrogate recovery associated with this analyte was low.
8939R	MD21-01-0150 MD21-01-0151	21-11251 21-11251	3–3.5 3–3.5	TPH-GRO	Gasoline-range organics	The results for this analyte should be regarded as estimated and biased low (J-) because the holding time was exceeded (less than 2 times).
8939R	MD21-01-0150	21-11251	3–3.5	VOC	Ethylbenzene	The result for this analyte should be regarded as estimated (J) because the result was less than the practical quantitation limit but above the method detection limit.
8939R	MD21-01-0151	21-11251	3–3.5	SVOC	Acenaphthene Fluorene	The results for these analytes should be regarded as rejected (R) because the surrogate recoveries associated with these analytes were less than 10%.
8951R	MD21-01-0152	21-11252	1.5–2	VOC	Toluene	The result for this analyte should be regarded as estimated and biased high (J+) because the surrogate recovery associated with this analyte was high.

Table C-5.1-2 (continued)
Data Quality Evaluation for UST-Related Organic Analytes

Request	Sample ID	Location ID	Depth (ft)	Suite	Analyte	Explanation
9092R	MD21-01-0186 MD21-01-0187 MD21-01-0188	21-11262 21-11262 21-11262	0–0.4 0.5–1.2 0.5–1.2	TPH-DRO	Diesel-range organics	The results for this analyte should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
9092R	MD21-01-0186	21-11262	0–0.4	VOC	Benzene Ethylbenzene Toluene Xylene (Total)	The reporting limits for these analytes should be regarded as estimated (UJ) because the internal standard recovery associated with these analytes was outside of method requirements.
9162R	MD21-01-0191 MD21-01-0192 MD21-01-0194 MD21-01-0195 MD21-01-0196 MD21-01-0197	21-11264 21-11264 21-11263 21-11263 21-11263 21-11263	0–0.3 6–7 2.5–3 2.5–3 4.5–5 5.9–6.3	SVOC	Acenaphthene Fluorene	The reporting limits for these analytes should be regarded as estimated (UJ) because the laboratory control sample recoveries associated with these analytes were low.
9162R	MD21-01-0191 MD21-01-0192 MD21-01-0194 MD21-01-0195 MD21-01-0196 MD21-01-0197	21-11264 21-11264 21-11263 21-11263 21-11263 21-11263	0–0.3 6–7 2.5–3 2.5–3 4.5–5 5.9–6.3	SVOC	Methylnaphthalene[2-] Naphthalene	The results for these analytes should be regarded as rejected (R) because the laboratory control sample recoveries associated with these analytes were less than 10%.
9162R	MD21-01-0192	21-11264	6–7	SVOC	Anthracene Benz(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(k)fluoranthene Chrysene Dibenz(a,h)anthracene Fluoranthene Phenanthrene Pyrene	The reporting limits for these analytes should be regarded as estimated (UJ) because the surrogate recoveries associated with these analytes were low.
9162R	MD21-01-0193	21-11263	1.5–2	SVOC	Acenaphthene	The result for this analyte should be regarded as estimated and biased low (J-) because the laboratory control sample recovery associated with this analyte was low.
9162R	MD21-01-0193	21-11263	1.5–2	SVOC	Anthracene Benz(a)anthracene Chrysene Fluoranthene Phenanthrene	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
9162R	MD21-01-0193	21-11263	1.5–2	SVOC	Benzo(a)pyrene Benzo(b)fluoranthene Benzo(k)fluoranthene Dibenz(a,h)anthracene	The reporting limits for these analytes should be regarded as estimated (UJ) because the surrogate recoveries associated with these analytes were low.
9162R	MD21-01-0193	21-11263	1.5–2	SVOC	Fluorene Naphthalene	The results for these analytes should be regarded as estimated and biased low (J-) because the laboratory control sample recoveries associated with these analytes were low.

Table C-5.1-2 (continued)
Data Quality Evaluation for UST-Related Organic Analytes

Request	Sample ID	Location ID	Depth (ft)	Suite	Analyte	Explanation
9162R	MD21-01-0193	21-11263	1.5–2	SVOC	Methylnaphthalene[2-]	The result for this analyte should be regarded as rejected (R) because the laboratory control sample recovery associated with this analyte was less than 10%.
9162R	MD21-01-0196	21-11263	4.5–5	TPH-GRO	Gasoline-range organics	The results for this analyte should be regarded as estimated and biased high (J+) because the surrogate recovery associated with this analyte was high.
9162R	MD21-01-0197	21-11263	5.9–6.3	TPH-GRO	Gasoline-range organics	The result for this analyte should be regarded as estimated and biased low (J-) because the surrogate recovery associated with this analyte was low.
9162R	MD21-01-0193	21-11263	1.5–2	VOC	Toluene	The result for this analyte should be regarded as estimated (J) because the result was less than the practical quantitation limit but above the method detection limit.
9162R	MD21-01-0195	21-11263	2.5–3	VOC	Ethylbenzene	The result for this analyte should be regarded as estimated and biased high (J+) because the surrogate recovery associated with this analyte was high.
9162R	MD21-01-0196	21-11263	4.5–5	VOC	Benzene	The result for this analyte should be regarded as estimated and biased high (J+) because the surrogate recovery associated with this analyte was high.
9162R	MD21-01-0197	21-11263	5.9–6.3	VOC	Ethylbenzene Toluene Xylene (Total) Xylene[1,2-]	The results for these analytes should be regarded as estimated and biased high (J+) because the surrogate recoveries associated with these analyte were high.
9164R	MD21-01-0198	21-11263	9.6–10.3	SVOC	Acenaphthene Benz(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(k)fluoranthene Chrysene Dibenz(a,h)anthracene Fluoranthene Fluorene Phenanthrene Pyrene	The reporting limits for these analytes should be regarded as estimated (UJ) because the internal standard recoveries associated with these analytes were outside of method requirements.

Table C-5.1-2 (continued)
Data Quality Evaluation for UST-Related Organic Analytes

Request	Sample ID	Location ID	Depth (ft)	Suite	Analyte	Explanation
9164R	MD21-01-0201	21-11263	15.6–16.2	SVOC	Acenaphthene Benz(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Chrysene Fluoranthene Fluorene Naphthalene Pyrene	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
9164R	MD21-01-0199	21-11263	11.5–12	SVOC	Phenanthrene	The result for this analyte should be regarded as estimated (J) because the result was less than the practical quantitation limit but above the method detection limit.
9164R	MD21-01-0198 MD21-01-0200	21-11263 21-11263	9.6–10.3 12.5–13	TPH-GRO	Gasoline-range organics	The results for this analyte should be regarded as estimated and biased low (J-) because the surrogate recovery associated with this analyte was low.
9164R	MD21-01-0199	21-11263	11.5–12	TPH-DRO	Diesel-range organics	The result for this analyte should be regarded as estimated (J) because the result was less than the practical quantitation limit but above the method detection limit.
9164R	MD21-01-0198	21-11263	9.6–10.3	VOC	Ethylbenzene	The result for this analyte should be regarded as estimated (J) because the result was less than the practical quantitation limit but above the method detection limit.
9164R	MD21-01-0201	21-11263	15.6–16.2	VOC	Xylene[1,2-]	The result for this analyte should be regarded as estimated (J) because the result was less than the practical quantitation limit but above the method detection limit.
9164R	MD21-01-0198	21-11263	9.6–10.3	VOC	Toluene	The result for this analyte should be regarded as estimated and biased high (J+) because the surrogate recovery associated with this analyte was high.
9164R	MD21-01-0199	21-11263	11.5–12	VOC	Xylene (Total) Xylene[1,2-]	The results for these analytes should be regarded as estimated and biased high (J+) because the surrogate recovery associated with this analyte was high.
9167R	MD21-01-0206	21-11265	1.7–2	TPH-DRO	Diesel-range organics	The result for this analyte should be regarded as estimated and biased high (J+) because the surrogate recovery associated with this analyte was high.
9170R	MD21-01-0205	21-11265	0–0.5	TPH-GRO	Gasoline-range organics	The reporting limit for this analyte should be regarded as estimated (UJ) because the surrogate recovery associated with this analyte was low.

Table C-5.1-2 (continued)
Data Quality Evaluation for UST-Related Organic Analytes

Request	Sample ID	Location ID	Depth (ft)	Suite	Analyte	Explanation
9170R	MD21-01-0205	21-11265	0–0.5	SVOC	Anthracene	The result for this analyte should be regarded as estimated (J) because the result was less than the practical quantitation limit but above the method detection limit.
9170R	MD21-01-0205	21-11265	0–0.5	SVOC	Acenaphthene Fluorene Methylnaphthalene[2-]	The reporting limits for these analytes should be regarded as estimated (UJ) because the internal standard recovery associated with these analytes was outside of method requirements.
9170R	MD21-01-0205	21-11265	0–0.5	VOC	Benzene Ethylbenzene Toluene Xylene (Total) Xylene[1,2-]	The reporting limits for these analytes should be regarded as estimated (UJ) because the internal standard recovery associated with these analytes was outside of method requirements.

C-5.2 Data Quality Evaluation for Non-UST-Related Analytes

Tables C-5.2-1 through C-5.2-3 present the non-UST-related analytes that were qualified for all areas of concern. Explanations are given for each sample qualified.

Table C-5.2-1
Data Quality Evaluation for Non-UST-Related Inorganic Analytes

Request	Sample ID	Location ID	Depth (ft)	Analyte	Explanation
6874R	MD21-00-0076 MD21-00-0078	21-11123 21-11125	0–0.5	Aluminum	The result for this analyte should be regarded as estimated and biased low (J-) because the laboratory control sample recovery associated with this analyte was low.
6874R	MD21-00-0076 MD21-00-0078	21-11123 21-11125	0–0.5	Antimony	The reporting limit for this analyte should be regarded as estimated (UJ) because the matrix spike recovery was low.
6874R	MD21-00-0076 MD21-00-0078	21-11123 21-11125	0–0.5	Beryllium	The result for this analyte should be regarded as estimated (J) because the result was less than the practical quantitation limit but above the method detection limit.
6874R	MD21-00-0076 MD21-00-0078	21-11123 21-11125	0–0.5	Sodium	The result for this analyte should be regarded as estimated (J) because the result was less than the practical quantitation limit but above the method detection limit.
6900R	MD21-00-0035 MD21-00-0036 MD21-00-0037 MD21-00-0079 MD21-00-0080 MD21-00-0081	21-11129 21-11130 21-11131 21-11126 21-11127 21-11128	0–0.5 0–0.5 0–0.5 0–0.5 0–0.5 0–0.5	Aluminum	The result for this analyte should be regarded as estimated and biased low (J-) because the laboratory control sample recovery associated with this analyte was low.

Table C-5.2-1 (continued)
Data Quality Evaluation for Non-UST-Related Inorganic Analytes

Request	Sample ID	Location ID	Depth (ft)	Analyte	Explanation
6900R	MD21-00-0035 MD21-00-0037 MD21-00-0079 MD21-00-0080 MD21-00-0081	21-11129 21-11131 21-11126 21-11127 21-11128	0–0.5 0–0.5 0–0.5 0–0.5 0–0.5	Antimony	The reporting limit for this analyte should be regarded as estimated (UJ) because the matrix spike recovery was low.
6900R	MD21-00-0036	21-11130	0–0.5	Antimony	The result for this analyte should be regarded as estimated (J-) and biased low because the matrix spike recovery was low.
6900R	MD21-00-0035	21-11129	0–0.5	Beryllium Cadmium Sodium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
6900R	MD21-00-0035 MD21-00-0036	21-11129 21-11130	0–0.5	Mercury	The result for this analyte should be regarded as estimated (J) because the result was less than the practical quantitation limit but above the method detection limit.
6900R	MD21-00-0036	21-11130	0–0.5	Cadmium Sodium	The result for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
6900R	MD21-00-0036 MD21-00-0037	21-11130 21-11131	0–0.5 0–0.5	Selenium	The result for this analyte should be regarded as estimated and biased high (J+) because the spike percent recovery was high.
6900R	MD21-00-0037	21-11131	0–0.5	Beryllium Cadmium Sodium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
6900R	MD21-00-0037 MD21-00-0079 MD21-00-0080 MD21-00-0081	21-11131 21-11126 21-11127 21-11128	0–0.5	Mercury	The result for this analyte should be regarded as estimated (J) because the result was less than the practical quantitation limit but above the method detection limit.
6900R	MD21-00-0079	21-11126	0–0.5	Beryllium Sodium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
6900R	MD21-00-0080	21-11127	0–0.5	Arsenic Beryllium Sodium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
6900R	MD21-00-0081	21-11128	0–0.5	Arsenic Beryllium Cadmium Sodium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
7047R	MD21-00-0063	21-11142	1–2	Antimony Manganese	The results for these analytes should be regarded as estimated (J-) and biased low because the matrix spike recovery was low.
7047R	MD21-00-0063	21-11142	1–2	Beryllium Mercury Selenium Thallium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.

Table C-5.2-1 (continued)
Data Quality Evaluation for Non-UST-Related Inorganic Analytes

Request	Sample ID	Location ID	Depth (ft)	Analyte	Explanation
7047R	MD21-00-0064	21-11142	2–3	Antimony	The reporting limit for this analyte should be regarded as estimated (UJ) because the matrix spike recovery was low.
7047R	MD21-00-0064	21-11142	2–3	Cadmium Cobalt	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
7047R	MD21-00-0064	21-11142	2–3	Manganese	The result for this analyte should be regarded as estimated (J-) and biased low because the matrix spike recovery was low.
7047R	MD21-00-0064	21-11142	2–3	Selenium Silver Thallium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
7058R	MD21-00-0061 MD21-00-0062	21-11141 21-11141	0–1 4–5	Antimony Manganese	The results for these analytes should be regarded as estimated (J-) and biased low because the matrix spike recovery was low.
7058R	MD21-00-0061 MD21-00-0062	21-11141 21-11141	0–1 4–5	Mercury Selenium Thallium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
7132R	MD21-00-0073	21-11147	37–38	Antimony Selenium	The reporting limit for these analytes should be regarded as estimated (UJ) because the matrix spike recovery was low.
7132R	MD21-00-0073	21-11147	37–38	Beryllium Cadmium Thallium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
7132R	MD21-00-0073 MD21-00-0088 MD21-00-0089 MD21-00-0090	21-11147 21-11147 21-11147 21-11147	37–38 49–50 54–55 59.7–60.3	Manganese	The result for this analyte should be regarded as estimated (J-) and biased low because the matrix spike recovery was low.
7132R	MD21-00-0074 MD21-00-0088 MD21-00-0089 MD21-00-0090	21-11147 21-11147 21-11147 21-11147	44–45 49–50 54–55 59.7–60.3	Antimony	The reporting limit for this analyte should be regarded as estimated (UJ) because the matrix spike recovery was low.
7132R	MD21-00-0074 MD21-00-0089	21-11147 21-11147	44–45 54–55	Cadmium	The result for this analyte should be regarded as estimated (J) because the result was less than the practical quantitation limit but above the method detection limit.
7132R	MD21-00-0074	21-11147	44–45	Manganese Selenium	The results for these analytes should be regarded as estimated (J-) and biased low because the matrix spike recovery was low.
7132R	MD21-00-0074 MD21-00-0088 MD21-00-0089 MD21-00-0090	21-11147 21-11147 21-11147 21-11147	44–45 49–50 54–55 59.7–60.3	Thallium	The result for this analyte should be regarded as estimated (J) because the result was less than the practical quantitation limit but above the method detection limit.
7132R	MD21-00-0088 MD21-00-0090	21-11147 21-11147	49–50 59.7–60.3	Selenium	The reporting limit for this analyte should be regarded as estimated (UJ) because the matrix spike recovery was low.

Table C-5.2-1 (continued)
Data Quality Evaluation for Non-UST-Related Inorganic Analytes

Request	Sample ID	Location ID	Depth (ft)	Analyte	Explanation
7132R	MD21-00-0089	21-11147	54–55	Selenium	The result for this analyte should be regarded as estimated (J-) and biased low because the matrix spike recovery was low.
7138R	MD21-00-0091 MD21-00-0092 MD21-00-0094 MD21-00-0095	21-11147 21-11147 21-11148 21-11148	63–65 69–70 51–52 64–65	Antimony	The reporting limit for this analyte should be regarded as estimated (UJ) because the matrix spike recovery was low.
7138R	MD21-00-0091	21-11147	63–65	Beryllium Cadmium Nickel	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
7138R	MD21-00-0091 MD21-00-0092 MD21-00-0095	21-11147 21-11147 21-11148	63–65 69–70 64–65	Manganese	The result for this analyte should be regarded as estimated (J-) and biased low because the matrix spike recovery was low.
7138R	MD21-00-0091 MD21-00-0092 MD21-00-0094 MD21-00-0095	21-11147 21-11147 21-11148 21-11148	63–65 69–70 51–52 64–65	Selenium	The reporting limit for this analyte should be regarded as estimated (UJ) because the matrix spike recovery was low.
7138R	MD21-00-0091 MD21-00-0092 MD21-00-0094 MD21-00-0095	21-11147 21-11147 21-11148 21-11148	63–65 69–70 51–52 64–65	Thallium	The result for this analyte should be considered estimated (J) because its relative percent difference from the duplicate was greater than the advisory limit.
7138R	MD21-00-0092	21-11147	69–70	Beryllium Cadmium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
7138R	MD21-00-0094	21-11148	51–52	Cadmium	The result for this analyte should be regarded as estimated (J) because the result was less than the practical quantitation limit but above the method detection limit.
7138R	MD21-00-0095	21-11148	64–65	Beryllium Chromium, Total	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
7202R	MD21-00-0101	21-11150	64–65	Aluminum Barium	The results for these analytes should be considered estimated (J) because the relative percent difference from the duplicate was greater than the advisory limit.
7202R	MD21-00-0101	21-11150	64–65	Beryllium Cadmium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
7202R	MD21-00-0101	21-11150	64–65	Calcium Magnesium Potassium Sodium Vanadium	The results for these analytes should be considered estimated (J) because the relative percent difference from the duplicate was greater than the advisory limit.
7202R	MD21-00-0101 MD21-00-0102	21-11150 21-11150	64–65 107.5–108.5	Thallium	The result for this analyte should be regarded as estimated (J) because the result was less than the practical quantitation limit but above the method detection limit.

Table C-5.2-1 (continued)
Data Quality Evaluation for Non-UST-Related Inorganic Analytes

Request	Sample ID	Location ID	Depth (ft)	Analyte	Explanation
7202R	MD21-00-0102	21-11150	107.5–108.5	Aluminum Barium Calcium Magnesium Potassium Sodium Vanadium	The results for these analytes should be considered estimated (J) because the relative percent difference from the duplicate was greater than the advisory limit.
7202R	MD21-00-0102	21-11150	107.5–108.5	Cadmium	The result for this analyte should be regarded as estimated (J) because the result was less than the practical quantitation limit but above the method detection limit.
7231R	MD21-00-0103 MD21-00-0104 MD21-00-0105 MD21-00-0106	21-11151 21-11151 21-11151 21-11151	24–25 95–96 105–105.5 105.5–106.5	Aluminum Barium Calcium Magnesium Potassium Sodium Vanadium	The results for these analytes should be considered estimated (J) because the relative percent difference from the duplicate was greater than the advisory limit.
7231R	MD21-00-0103	21-11151	24–25	Beryllium Thallium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
7231R	MD21-00-0104 MD21-00-0106	21-11151 21-11151	95–96 105.5–106.5	Cadmium Thallium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
7231R	MD21-00-0105	21-11151	105–105.5	Arsenic Thallium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
7243R	MD21-00-0109	21-11153	49–50	Aluminum Iron	The results for these analytes should be considered estimated (J) because the relative percent difference from the duplicate was greater than the advisory limit.
7243R	MD21-00-0109 MD21-00-0110 MD21-00-0111 MD21-00-0112	21-11153 21-11153 21-11154 21-11154	49–50 94–95 49–50 92.5–92.5	Antimony	The reporting limit for this analyte should be regarded as estimated (UJ) because the matrix spike recovery was low.
7243R	MD21-00-0109	21-11153	49–50	Arsenic Barium Beryllium Calcium Chromium, Total 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 but above the method detection limit.
7243R	MD21-00-0110 MD21-00-0111 MD21-00-0112	21-11153 21-11154 21-11154	94–95 49–50 92.5–92.5	Aluminum	The result for this analyte should be considered estimated (J) because the relative percent difference from the duplicate was greater than the advisory limit.

Table C-5.2-1 (continued)
Data Quality Evaluation for Non-UST-Related Inorganic Analytes

Request	Sample ID	Location ID	Depth (ft)	Analyte	Explanation
7243R	MD21-00-0110	21-11153	94–95	Arsenic Barium Beryllium Calcium 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 but above the method detection limit.
7243R	MD21-00-0111	21-11154	49–50	Arsenic Barium Beryllium Calcium Chromium, Total Cobalt Copper	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
7243R	MD21-00-0110 MD21-00-0111 MD21-00-0112	21-11153 21-11154 21-11154	94–95 49–50 92.5–92.5	Iron	The results for this analyte should be considered estimated (J) because the relative percent difference from the duplicate was greater than the advisory limit.
7243R	MD21-00-0111	21-11154	49–50	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 but above the method detection limit.
7243R	MD21-00-0112	21-11154	92.5–92.5	Arsenic Barium Beryllium Calcium 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 but above the method detection limit.
7247R	MD21-00-0113 MD21-00-0114	21-11155 21-11155	54–55 87.5–90	Antimony	The reporting limit for this analyte should be regarded as estimated (UJ) because the matrix spike recovery was low.
7247R	MD21-00-0113	21-11155	54–55	Arsenic Barium Beryllium Calcium Chromium, Total 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 but above the method detection limit.

Table C-5.2-1 (continued)
Data Quality Evaluation for Non-UST-Related Inorganic Analytes

Request	Sample ID	Location ID	Depth (ft)	Analyte	Explanation
7247R	MD21-00-0114	21-11155	87.5–90	Arsenic Barium Beryllium Calcium 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 but above the method detection limit.
7257R	MD21-00-0115	21-11156	9–10	Beryllium Cobalt Thallium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
7257R	MD21-00-0116	21-11156	60–61	Beryllium Chromium, Total Cobalt Copper Silver	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
7257R	MD21-00-0117	21-11156	99–100	Beryllium Cadmium Chromium, Total Cobalt Copper Silver Thallium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
7261R	MD21-00-0118	21-11157	2–2.5	Cadmium Cobalt Nickel Selenium Silver	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
7261R	MD21-00-0119	21-11157	14–14.8	Beryllium Cadmium Cobalt Copper Silver Thallium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
7261R	MD21-00-0120 MD21-00-0121	21-11162 21-11162	6–6.5 16–16.5	Beryllium Cobalt Mercury Thallium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
7333R	MD21-00-0147 MD21-00-0148 MD21-00-0149 MD21-00-0150 MD21-00-0151 MD21-00-0152	21-11173 21-11173 21-11174 21-11174 21-11175 21-11175	0–0.5 0.5–1.5 0–6 1–1.5 0–0.5 1–1.5	Antimony	The result for this analyte should be regarded as estimated and biased low (J-) because the spike percent recovery was low.
7333R	MD21-00-0147 MD21-00-0148 MD21-00-0149 MD21-00-0151	21-11173 21-11173 21-11174 21-11175	0–0.5 0.5–1.5 0–6 0–0.5	Cadmium	The result for this analyte should be regarded as estimated and biased high (J+) because the spike percent recovery was high.

Table C-5.2-1 (continued)
Data Quality Evaluation for Non-UST-Related Inorganic Analytes

Request	Sample ID	Location ID	Depth (ft)	Analyte	Explanation
7333R	MD21-00-0147 MD21-00-0148 MD21-00-0149	21-11173 21-11173 21-11174	0–0.5 0.5–1.5 0.6	Mercury	The result for this analyte should be regarded as estimated (J) because the result was less than the practical quantitation limit but above the method detection limit.
7333R	MD21-00-0149 MD21-00-0150 MD21-00-0151	21-11174 21-11174 21-11175	0–6 1–1.5 0–0.5	Beryllium	The result for this analyte should be regarded as estimated (J) because the result was less than the practical quantitation limit but above the method detection limit.
7333R	MD21-00-0149 MD21-00-0151 MD21-00-0152	21-11174 21-11175 21-11175	0–6 0–0.5 1–1.5	Thallium	The result for this analyte should be regarded as estimated (J) because the result was less than the practical quantitation limit but above the method detection limit.
7333R	MD21-00-0150	21-11174	1–1.5	Chromium, Total Cobalt Silver Thallium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
7333R	MD21-00-0151	21-11175	0–0.5	Selenium	The result for this analyte should be regarded as estimated (J) because the result was less than the practical quantitation limit but above the method detection limit.
7921R	MD21-00-0165 MD21-00-0166	21-11181 21-11181	5–6 14.5–15	Antimony	The reporting limit for this analyte should be regarded as estimated (UJ) because the matrix spike recovery was low.
7921R	MD21-00-0165	21-11181	5–6	Thallium	The result for this analyte should be regarded as estimated (J) because the result was less than the practical quantitation limit but above the method detection limit.
7921R	MD21-00-0166	21-11181	14.5–15	Cobalt Silver	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
7921R	MD21-00-0166	21-11181	14.5–15	Thallium	The reporting limit for this analyte should be regarded as estimated (UJ) because the duplicate sample relative percent difference was greater than the advisory limit.
8734R	MD21-01-0093	21-11229	69–70	Aluminum	The result for this analyte should be regarded as estimated and biased high (J+) because the spike percent recovery was high.
8734R	MD21-01-0093	21-11229	69–70	Barium Beryllium Calcium Chromium, Total Cobalt Copper Magnesium Nickel Selenium Sodium Vanadium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
8734R	MD21-01-0093 MD21-01-0094	21-11229 21-11229	69–70 80.6–81.2	Mercury	The reporting limits for this analyte should be regarded as estimated (UJ) because the duplicate sample relative percent difference was greater than the advisory limit.

Table C-5.2-1 (continued)
Data Quality Evaluation for Non-UST-Related Inorganic Analytes

Request	Sample ID	Location ID	Depth (ft)	Analyte	Explanation
8734R	MD21-01-0093 MD21-01-0094	21-11229 21-11229	69–70 80.6–81.2	Silver	The reporting limit for this analyte should be regarded as estimated (UJ) because the matrix spike recovery was low.
8734R	MD21-01-0094 MD21-01-0095	21-11229 21-11229	80.6–81.2 91.5–92.5	Aluminum	The result for this analyte should be regarded as estimated and biased high (J+) because the spike percent recovery was high.
8734R	MD21-01-0094	21-11229	80.6–81.2	Barium Calcium Chromium, Total Cobalt Magnesium Nickel Selenium Sodium Vanadium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
8734R	MD21-01-0095	21-11229	91.5–92.5	Barium Calcium Chromium, Total Cobalt Copper Magnesium Vanadium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
8734R	MD21-01-0095	21-11229	91.5–92.5	Mercury	The result for this analyte should be regarded as estimated and biased low (J-) because the spike percent recovery was low.
8734R	MD21-01-0095	21-11229	91.5–92.5	Nickel Potassium Selenium Sodium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
8768R	MD21-01-0096 MD21-01-0097 MD21-01-0098	21-11230 21-11230 21-11229	39–39.5 54.3–55 38.4–39.3	Aluminum	The result for this analyte should be regarded as estimated and biased high (J+) because the spike percent recovery was high.
8768R	MD21-01-0096	21-11230	39–39.5	Barium Calcium Cobalt Copper Magnesium Nickel Selenium Sodium Vanadium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
8768R	MD21-01-0096 MD21-01-0097	21-11230 21-11230	39–39.5 54.3–55	Silver	The reporting limit for this analyte should be regarded as estimated (UJ) because the matrix spike recovery was low.
8768R	MD21-01-0097	21-11230	54.3–55	Barium Calcium Cobalt Magnesium Nickel Potassium Selenium Sodium Vanadium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.

Table C-5.2-1 (continued)
Data Quality Evaluation for Non-UST-Related Inorganic Analytes

Request	Sample ID	Location ID	Depth (ft)	Analyte	Explanation
8780R	MD21-01-0098	21-11229	38.4–39.3	Barium Calcium Cobalt Copper Magnesium Nickel Selenium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
8780R	MD21-01-0098 MD21-01-0099	21-11229 21-11230	38.4–39.3 104.2–105	Silver	The reporting limit for this analyte should be regarded as estimated (UJ) because the matrix spike recovery was low.
8780R	MD21-01-0098	21-11229	38.4–39.3	Sodium Vanadium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
8780R	MD21-01-0099	21-11230	104.2–105	Aluminum	The result for this analyte should be regarded as estimated and biased high (J+) because the spike percent recovery was high.
8780R	MD21-01-0099	21-11230	104.2–105	Barium Calcium Cobalt 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 but above the method detection limit.
8802R	MD21-01-0100 MD21-01-0101 MD21-01-0103 MD21-01-0104 MD21-01-0105	21-11231 21-11230 21-11231 21-11231 21-11231	32–32.5 89–90 24–25 29–30 34–35	Antimony	The reporting limit for this analyte should be regarded as estimated (UJ) because the matrix spike recovery was low.
8802R	MD21-01-0102	21-11231	5.8–6	Antimony	The result for this analyte should be regarded as estimated and biased low (J-) because the matrix spike recovery was low.
8802R	MD21-01-0100	21-11231	32–32.5	Calcium Cobalt Magnesium Potassium Sodium Vanadium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
8802R	MD21-01-0100 MD21-01-0101 MD21-01-0102 MD21-01-0103 MD21-01-0104 MD21-01-0105	21-11231 21-11230 21-11231 21-11231 21-11231 21-11231	32–32.5 89–90 5.8–6 24–25 29–30 34–35	Manganese	The result for this analyte should be regarded as estimated and biased low (J-) because the spike percent recovery was low.
8802R	MD21-01-0100 MD21-01-0101 MD21-01-0102 MD21-01-0103 MD21-01-0104 MD21-01-0105	21-11231 21-11230 21-11231 21-11231 21-11231 21-11231	32–32.5 89–90 5.8–6 24–25 29–30 34–35	Nickel	The result for this analyte should be regarded as estimated and biased high (J+) because the spike percent recovery was high.

Table C-5.2-1 (continued)
Data Quality Evaluation for Non-UST-Related Inorganic Analytes

Request	Sample ID	Location ID	Depth (ft)	Analyte	Explanation
8802R	MD21-01-0101	21-11230	89–90	Arsenic Barium Beryllium Calcium Chromium, Total Cobalt Copper Magnesium Potassium Selenium Sodium Vanadium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
8802R	MD21-01-0102	21-11231	5.8–6	Cobalt Selenium Sodium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
8802R	MD21-01-0103	21-11231	24–25	Barium Beryllium Calcium Chromium, Total Cobalt Copper Magnesium Potassium Sodium Vanadium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
8802R	MD21-01-0104	21-11231	29–30	Barium Calcium Chromium, Total Cobalt Copper Magnesium Potassium Sodium Vanadium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
8802R	MD21-01-0105	21-11231	34–35	Cobalt Mercury Selenium Sodium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
8817R	MD21-01-0106	21-11231	38.8–39.8	Cobalt Nickel Potassium Sodium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
8817R	MD21-01-0106 MD21-01-0107 MD21-01-0108 MD21-01-0109 MD21-01-0112	21-11231 21-11231 21-11232 21-11232 21-11232	38.8–39.8 45–45.5 6.3–6.6 10–11 21.7–22.5	Selenium	The reporting limit for this analyte should be regarded as estimated (UJ) because the matrix spike recovery was low.
8817R	MD21-01-0107	21-11231	45–45.5	Cobalt Magnesium Nickel Potassium Sodium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.

Table C-5.2-1 (continued)
Data Quality Evaluation for Non-UST-Related Inorganic Analytes

Request	Sample ID	Location ID	Depth (ft)	Analyte	Explanation
8817R	MD21-01-0108	21-11232	6.3–6.6	Barium Beryllium Calcium Cobalt Copper Magnesium Nickel Potassium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
8817R	MD21-01-0108 MD21-01-0112	21-11232 21-11232	6.3–6.6 21.7–22.5	Vanadium	The result for this analyte should be regarded as estimated (J) because the result was less than the practical quantitation limit but above the method detection limit.
8817R	MD21-01-0109 MD21-01-0112	21-11232 21-11232	10–11 21.7–22.5	Barium	The result for this analyte should be regarded as estimated (J) because the result was less than the practical quantitation limit but above the method detection limit.
8817R	MD21-01-0109	21-11232	10–11	Cobalt Copper Magnesium Nickel Potassium Vanadium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
8817R	MD21-01-0112	21-11232	21.7–22.5	Calcium Cobalt Copper Magnesium Nickel Potassium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
8817R	MD21-01-0112	21-11232	21.7–22.5	Sodium	The result for this analyte should be regarded as estimated (J) because the result was less than the practical quantitation limit but above the method detection limit.
8828R	MD21-01-0080	21-11233	0–0.07	Beryllium Cobalt Mercury Sodium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
8828R	MD21-01-0080 MD21-01-0081 MD21-01-0082	21-11233 21-11234 21-11235	0–0.07 0–0.07 0–0.07	Selenium	The reporting limit for this analyte should be regarded as estimated (UJ) because the matrix spike recovery was low.
8828R	MD21-01-0081	21-11234	0–0.07	Barium Beryllium Calcium 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 but above the method detection limit.
8828R	MD21-01-0082	21-11235	0–0.07	Beryllium Cobalt Mercury Nickel	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.

Table C-5.2-1 (continued)
Data Quality Evaluation for Non-UST-Related Inorganic Analytes

Request	Sample ID	Location ID	Depth (ft)	Analyte	Explanation
8840R	MD21-01-0083 MD21-01-0084 MD21-01-0085 MD21-01-0086 MD21-01-0087	21-11237 21-11237 21-11238 21-11239 21-11236	0–0.13 0–0.13 0–0.13 0–0.13 0–0.13	Selenium	The reporting limit for this analyte should be regarded as estimated (UJ) because the matrix spike recovery was low.
8840R	MD21-01-0084 MD21-01-0085 MD21-01-0086 MD21-01-0087	21-11237 21-11238 21-11239 21-11236	0–0.13 0–0.13 0–0.13 0–0.13	Cobalt	The result for this analyte should be regarded as estimated (J) because the result was less than the practical quantitation limit but above the method detection limit.
8840R	MD21-01-0085 MD21-01-0086	21-11238 21-11239	0–0.13 0–0.13	Mercury	The result for this analyte should be regarded as estimated (J) because the result was less than the practical quantitation limit but above the method detection limit.
8840R	MD21-01-0086	21-11239	0–0.13	Beryllium	The result for this analyte should be regarded as estimated (J) because the result was less than the practical quantitation limit but above the method detection limit.
8840R	MD21-01-0087	21-11236	0–0.13	Nickel	The result for this analyte should be regarded as estimated (J) because the result was less than the practical quantitation limit but above the method detection limit.
8860R	MD21-01-0078 MD21-01-0079	21-11240 21-11240	93–94 93–94	Aluminum	The result for this analyte should be regarded as estimated and biased high (J+) because the spike percent recovery was high.
8860R	MD21-01-0078	21-11240	93–94	Barium Beryllium Cobalt Copper Potassium Vanadium Zinc	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
8860R	MD21-01-0079	21-11240	93–94	Arsenic Barium Beryllium Chromium, Total Cobalt Copper	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
8860R	MD21-01-0079	21-11240	93–94	Potassium Vanadium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
8863R	MD21-01-0113 MD21-01-0114 MD21-01-0115	21-11240 21-11240 21-11241	46.7–47 86.3–87.5 85–86	Aluminum	The result for this analyte should be regarded as estimated and biased high (J+) because the spike percent recovery was high.

Table C-5.2-1 (continued)
Data Quality Evaluation for Non-UST-Related Inorganic Analytes

Request	Sample ID	Location ID	Depth (ft)	Analyte	Explanation
8863R	MD21-01-0113	21-11240	46.7–47	Barium Beryllium Calcium Cobalt Copper Magnesium Nickel Potassium Selenium Silver	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
8863R	MD21-01-0113	21-11240	46.7–47	Vanadium	The result for this analyte should be regarded as estimated (J) because the result was less than the practical quantitation limit but above the method detection limit.
8863R	MD21-01-0114	21-11240	86.3–87.5	Arsenic Barium Beryllium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
8863R	MD21-01-0114	21-11240	86.3–87.5	Cobalt Copper	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
8863R	MD21-01-0114 MD21-01-0115	21-11240 21-11241	86.3–87.5 85–86	Vanadium	The result for this analyte should be regarded as estimated (J) because the result was less than the practical quantitation limit but above the method detection limit.
8863R	MD21-01-0115	21-11241	85–86	Arsenic Barium Beryllium Calcium Chromium, Total Cobalt Copper	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
8875R	MD21-01-0116 MD21-01-0117	21-11241 21-11241	49–50 39–40	Aluminum	The result for this analyte should be regarded as estimated and biased high (J+) because the spike percent recovery was high.
8875R	MD21-01-0116	21-11241	49–50	Barium Cobalt Nickel Potassium Selenium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
8875R	MD21-01-0117	21-11241	39–40	Cobalt Nickel Sodium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
8878R	MD21-01-0118 MD21-01-0119 MD21-01-0120 MD21-01-0121 MD21-01-0122 MD21-01-0123	21-11242 21-11242 21-11242 21-11242 21-11242 21-11243	49–50 59–60 74–75 79–80 94–94.5 84–85	Aluminum	The result for this analyte should be considered estimated (J) because its relative percent difference from the duplicate was greater than the advisory limit.

Table C-5.2-1 (continued)
Data Quality Evaluation for Non-UST-Related Inorganic Analytes

Request	Sample ID	Location ID	Depth (ft)	Analyte	Explanation
8878R	MD21-01-0118	21-11242	49–50	Arsenic Barium Calcium Chromium, Total Cobalt Copper Magnesium Nickel Potassium Vanadium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
8878R	MD21-01-0119	21-11242	59–60	Barium Calcium Chromium, Total Cobalt Copper Magnesium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
8878R	MD21-01-0119	21-11242	59–60	Potassium Vanadium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
8878R	MD21-01-0120	21-11242	74–75	Barium Calcium Chromium, Total Cobalt Copper Magnesium Vanadium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
8878R	MD21-01-0121	21-11242	79–80	Barium Calcium Chromium, Total Cobalt Copper Magnesium Potassium Vanadium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
8878R	MD21-01-0122	21-11242	94–94.5	Arsenic Barium Beryllium Calcium Cobalt Copper Magnesium Nickel Potassium Selenium Vanadium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
8878R	MD21-01-0123	21-11243	84–85	Barium Beryllium Calcium Cobalt Copper Magnesium Potassium Vanadium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.

Table C-5.2-1 (continued)
Data Quality Evaluation for Non-UST-Related Inorganic Analytes

Request	Sample ID	Location ID	Depth (ft)	Analyte	Explanation
8881R	MD21-01-0124 MD21-01-0125 MD21-01-0126 MD21-01-0127	21-11243 21-11243 21-11244 21-11244	44–45 39–40 9–10 104–104.5	Aluminum	The result for this analyte should be considered estimated (J) because its relative percent difference from the duplicate was greater than the advisory limit.
8881R	MD21-01-0124	21-11243	44–45	Barium Calcium Chromium, Total Cobalt Copper Magnesium Nickel Potassium Vanadium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
8881R	MD21-01-0125	21-11243	39–40	Arsenic Beryllium Calcium Chromium, Total Cobalt Magnesium Nickel Potassium Vanadium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
8881R	MD21-01-0126	21-11244	9–10	Cobalt Mercury Sodium Thallium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
8881R	MD21-01-0127	21-11244	104–104.5	Barium Calcium Cobalt Copper Magnesium Nickel Potassium Vanadium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
8888R	MD21-01-0128 MD21-01-0129	21-11244 21-11245	39–40 34–35	Aluminum	The result for this analyte should be considered estimated (J) because its relative percent difference from the duplicate was greater than the advisory limit.
8888R	MD21-01-0128	21-11244	39–40	Cobalt Sodium Thallium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
8888R	MD21-01-0129	21-11245	34–35	Calcium Chromium, Total Cobalt Copper Magnesium Nickel Potassium Vanadium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.

Table C-5.2-1 (continued)
Data Quality Evaluation for Non-UST-Related Inorganic Analytes

Request	Sample ID	Location ID	Depth (ft)	Analyte	Explanation
8901R	MD21-01-0130 MD21-01-0131 MD21-01-0132 MD21-01-0133 MD21-01-0134 MD21-01-0135 MD21-01-0136	21-11245 21-11245 21-11245 21-11245 21-11245 21-11245 21-11245	64–65 69–70 79–80 84–85 89–90 103–104 103–104	Aluminum	The result for this analyte should be considered estimated (J) because its relative percent difference from the duplicate was greater than the advisory limit.
8901R	MD21-01-0130	21-11245	64–65	Barium Beryllium Calcium Cobalt Copper Magnesium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
8901R	MD21-01-0130 MD21-01-0134	21-11245 21-11245	64–65 89–90	Mercury	The reporting limit for this analyte should be regarded as estimated (UJ) because the matrix spike recovery was low.
8901R	MD21-01-0131 MD21-01-0132 MD21-01-0133 MD21-01-0135 MD21-01-0136	21-11245 21-11245 21-11245 21-11245 21-11245	69–70 79–80 84–85 103–104 103–104	Mercury	The result for this analyte should be regarded as estimated and biased low (J-) because the matrix spike recovery was low.
8901R	MD21-01-0130	21-11245	64–65	Nickel Potassium Vanadium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
8901R	MD21-01-0131	21-11245	69–70	Arsenic Barium Beryllium Calcium Chromium, Total Cobalt Copper Magnesium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
8901R	MD21-01-0131	21-11245	69–70	Arsenic Barium Calcium Chromium, Total Cobalt Copper Magnesium Vanadium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
8901R	MD21-01-0132 MD21-01-0133	21-11245 21-11245	79–80 84–85	Potassium Vanadium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
8901R	MD21-01-0133	21-11245	84–85	Arsenic Barium Beryllium	The results for these analytes should be considered estimated (J) because its relative percent difference from the duplicate was greater than the advisory limit.
8901R	MD21-01-0133	21-11245	84–85	Calcium Chromium, Total Cobalt Copper Magnesium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.

Table C-5.2-1 (continued)
Data Quality Evaluation for Non-UST-Related Inorganic Analytes

Request	Sample ID	Location ID	Depth (ft)	Analyte	Explanation
8901R	MD21-01-0134	21-11245	89–90	Arsenic Barium Calcium Cobalt Copper Magnesium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
8901R	MD21-01-0134	21-11245	89–90	Nickel Potassium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
8901R	MD21-01-0134 MD21-01-0136	21-11245 21-11245	89–90 103–104	Vanadium	The result for this analyte should be regarded as estimated (J) because the result was less than the practical quantitation limit but above the method detection limit.
8901R	MD21-01-0135	21-11245	103–104	Barium Calcium Cobalt Copper Magnesium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
8901R	MD21-01-0135	21-11245	103–104	Potassium Vanadium Arsenic Barium Beryllium Calcium Cobalt Copper Magnesium Nickel Potassium Selenium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
8915R	MD21-01-0074 MD21-01-0075	21-11246 21-11246	0–0.5 0–0.5	Arsenic Barium Beryllium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
8915R	MD21-01-0074 MD21-01-0075	21-11246 21-11246	0–0.5	Calcium	The result for this analyte should be regarded as estimated and biased high (J+) because the spike percent recovery was high.
8915R	MD21-01-0074 MD21-01-0075	21-11246 21-11246	0–0.5	Chromium, Total	The result for this analyte should be regarded as estimated and biased low (J-) because the spike percent recovery was low.
8915R	MD21-01-0074	21-11246	0–0.5	Cobalt Magnesium Mercury Nickel Sodium Thallium Vanadium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.

Table C-5.2-1 (continued)
Data Quality Evaluation for Non-UST-Related Inorganic Analytes

Request	Sample ID	Location ID	Depth (ft)	Analyte	Explanation
8915R	MD21-01-0075	21-11246	0–0.5	Cobalt Magnesium Mercury 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 but above the method detection limit.
8932R	MD21-01-0140 MD21-01-0141 MD21-01-0142	21-11247 21-11247 21-11248	1.5–2 5.5–6 0–0.5	Calcium	The result for this analyte should be regarded as estimated and biased high (J+) because the spike percent recovery was high.
8932R	MD21-01-0140 MD21-01-0141 MD21-01-0142	21-11247 21-11247 21-11248	1.5–2 5.5–6 0–0.5	Chromium, Total	The result for this analyte should be regarded as estimated and biased low (J-) because the spike percent recovery was low.
8932R	MD21-01-0140	21-11247	1.5–2	Mercury Selenium Sodium Thallium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
8932R	MD21-01-0141	21-11247	5.5–6	Beryllium Cobalt Mercury Potassium Selenium Sodium Thallium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
8932R	MD21-01-0142	21-11248	0–0.5	Beryllium Cobalt Magnesium Mercury Nickel Potassium Sodium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
8934R	MD21-01-0143	21-11249	1.5–2	Beryllium	The results for this analyte should be regarded as estimated (J) because the result was less than the practical quantitation limit but above the method detection limit.
8934R	MD21-01-0143 MD21-01-0144 MD21-01-0145 MD21-01-0146	21-11249 21-11249 21-11249 21-11249	1.5–2 3.5–4 5.5–6 5.5–6	Calcium	The result for this analyte should be regarded as estimated and biased high (J+) because the spike percent recovery was high.
8934R	MD21-01-0143 MD21-01-0144 MD21-01-0145 MD21-01-0146	21-11249 21-11249 21-11249 21-11249	1.5–2 3.5–4 5.5–6 5.5–6	Chromium, Total	The result for this analyte should be regarded as estimated and biased low (J-) because the spike percent recovery was low.
8934R	MD21-01-0143	21-11249	1.5–2	Cobalt Magnesium Mercury Nickel Selenium Sodium Thallium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.

Table C-5.2-1 (continued)
Data Quality Evaluation for Non-UST-Related Inorganic Analytes

Request	Sample ID	Location ID	Depth (ft)	Analyte	Explanation
8934R	MD21-01-0144	21-11249	3.5–4	Cobalt Magnesium Nickel Potassium Sodium Thallium Vanadium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
8934R	MD21-01-0145	21-11249	5.5–6	Cobalt 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 but above the method detection limit.
8934R	MD21-01-0146	21-11249	5.5–6	Cobalt 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 but above the method detection limit.
8938R	MD21-01-0147 MD21-01-0148	21-11250 21-11250	1.5–2 3.5–4	Calcium	The result for this analyte should be regarded as estimated and biased high (J+) because the spike percent recovery was high.
8938R	MD21-01-0147 MD21-01-0148	21-11250 21-11250	1.5–2 3.5–4	Chromium, Total	The result for this analyte should be regarded as estimated and biased low (J-) because the spike percent recovery was low.
8938R	MD21-01-0147	21-11250	1.5–2	Cobalt Mercury Selenium Sodium Thallium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
8938R	MD21-01-0148	21-11250	3.5–4	Cobalt Mercury Potassium Selenium Sodium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
8940R	MD21-01-0149	21-11251	1.5–2	Antimony Beryllium Cobalt Potassium Selenium Sodium Thallium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
8940R	MD21-01-0149 MD21-01-0150 MD21-01-0151	21-11251 21-11251 21-11251	1.5–2 3–3.5 3–3.5	Calcium	The result for this analyte should be regarded as estimated and biased high (J+) because the spike percent recovery was high.
8940R	MD21-01-0149 MD21-01-0150 MD21-01-0151	21-11251 21-11251 21-11251	1.5–2 3–3.5 3–3.5	Chromium, Total	The result for this analyte should be regarded as estimated and biased low (J-) because the spike percent recovery was low.
8940R	MD21-01-0149	21-11251	1.5–2	Silver	The result for this analyte should be regarded as not detected (U) because the concentration was less than or equal to 5x the concentration in the blank.

Table C-5.2-1 (continued)
Data Quality Evaluation for Non-UST-Related Inorganic Analytes

Request	Sample ID	Location ID	Depth (ft)	Analyte	Explanation
8940R	MD21-01-0150	21-11251	3–3.5	Mercury Potassium Sodium Thallium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
8940R	MD21-01-0151	21-11251	3–3.5	Cobalt Potassium Selenium Sodium Thallium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
8952R	MD21-01-0152 MD21-01-0153	21-11252 21-11252	1.5–2 5.5–6	Calcium	The result for this analyte should be regarded as estimated and biased high (J+) because the spike percent recovery was high.
8952R	MD21-01-0152 MD21-01-0153	21-11252 21-11252	1.5–2 5.5–6	Chromium, Total	The result for this analyte should be regarded as estimated and biased low (J-) because the spike percent recovery was low.
8952R	MD21-01-0152	21-11252	1.5–2	Cobalt Mercury Nickel Sodium Vanadium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
8952R	MD21-01-0153	21-11252	5.5–6	Arsenic Barium Beryllium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
8952R	MD21-01-0153	21-11252	5.5–6	Cobalt 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 but above the method detection limit.
8967R	MD21-01-0154	21-11253	5.5–6	Antimony Barium Beryllium Calcium Cobalt Copper Magnesium Mercury Nickel Selenium Vanadium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
8967R	MD21-01-0156 MD21-01-0157	21-11254 21-11254	1.5–2 2.8–3.5	Silver	The result for this analyte should be regarded as estimated and biased high (J+) because the spike percent recovery was high.
8967R	MD21-01-0154 MD21-01-0155 MD21-01-0156 MD21-01-0157 MD21-01-0158 MD21-01-0159	21-11253 21-11253 21-11254 21-11254 21-11254 21-11254	5.5–6 8–8.5 1.5–2 2.8–3.5 4.5–5 5.5–6	Sodium	The result for this analyte should be regarded as estimated and biased low (J-) because the matrix spike recovery was low.

Table C-5.2-1 (continued)
Data Quality Evaluation for Non-UST-Related Inorganic Analytes

Request	Sample ID	Location ID	Depth (ft)	Analyte	Explanation
8967R	MD21-01-0155	21-11253	8–8.5	Barium Calcium Cobalt Copper Magnesium Nickel Vanadium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
8967R	MD21-01-0156	21-11254	1.5–2	Beryllium Cobalt Magnesium Mercury Nickel Potassium Selenium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
8967R	MD21-01-0157	21-11254	2.8–3.5	Beryllium Cobalt Magnesium Mercury Nickel Potassium Selenium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
8967R	MD21-01-0158	21-11254	4.5–5	Barium Beryllium Calcium Cobalt Magnesium Mercury Nickel Potassium Selenium Vanadium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
8967R	MD21-01-0159	21-11254	5.5–6	Barium Beryllium Calcium Chromium, Total Cobalt Copper Magnesium Nickel Vanadium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
8987R	MD21-01-0160	21-11255	9.5–10	Cobalt Nickel Potassium Selenium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
8987R	MD21-01-0160 MD21-01-0161 MD21-01-0162	21-11255 21-11255 21-11255	9.5–10 11.5–12 15.75–16.8	Sodium	The result for this analyte should be regarded as estimated and biased low (J-) because the matrix spike recovery was low.
8987R	MD21-01-0161	21-11255	11.5–12	Antimony Cobalt Nickel Vanadium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.

Table C-5.2-1 (continued)
Data Quality Evaluation for Non-UST-Related Inorganic Analytes

Request	Sample ID	Location ID	Depth (ft)	Analyte	Explanation
8987R	MD21-01-0162	21-11255	15.75–16.8	Barium Beryllium Calcium Chromium, Total Cobalt Copper Magnesium Nickel Vanadium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
8989R	MD21-01-0163	21-11256	1.8–2.1	Beryllium Cobalt Nickel Selenium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
8989R	MD21-01-0163 MD21-01-0164 MD21-01-0165 MD21-01-0166 MD21-01-0167	21-11256 21-11256 21-11256 21-11257 21-11257	1.8–2.1 3.5–4 5.5–6 1.5–2 3.5–4	Sodium	The result for this analyte should be regarded as estimated and biased low (J-) because the matrix spike recovery was low.
8989R	MD21-01-0164	21-11256	3.5–4	Beryllium Cobalt Magnesium Nickel Selenium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
8989R	MD21-01-0165	21-11256	5.5–6	Barium Beryllium Calcium Chromium, Total Copper Magnesium Selenium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
8989R	MD21-01-0166	21-11257	1.5–2	Antimony Beryllium Cobalt Selenium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
8989R	MD21-01-0166	21-11257	1.5–2	Silver	The result for this analyte should be regarded as estimated and biased high (J+) because the spike percent recovery was high.
8989R	MD21-01-0167	21-11257	3.5–4	Antimony Arsenic Barium Beryllium Calcium Chromium, Total Cobalt Copper Magnesium Nickel Vanadium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
9087R	MD21-01-0168	21-11256	10–10.75	Cadmium Cobalt Nickel Silver Thallium Vanadium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.

Table C-5.2-1 (continued)
Data Quality Evaluation for Non-UST-Related Inorganic Analytes

Request	Sample ID	Location ID	Depth (ft)	Analyte	Explanation
9087R	MD21-01-0169 MD21-01-0170	21-11257 21-11258	7–8 1.5–2	Antimony	The result for this analyte should be regarded as estimated and biased low (J-) because the matrix spike recovery was low.
9087R	MD21-01-0168 MD21-01-0171 MD21-01-0172 MD21-01-0173 MD21-01-0174 MD21-01-0175 MD21-01-0176 MD21-01-0177 MD21-01-0178	21-11256 21-11258 21-11258 21-11258 21-11258 21-11258 21-11258 21-11258 21-11258	10–10.75 3.5–4 5.5–6 7.5–8 9.5–10 14.3–14.7 15.5–16 17–18 18.8–19.8	Antimony	The reporting limit for this analyte should be regarded as estimated (UJ) because the spike percent recovery was low.
9087R	MD21-01-0169	21-11257	7–8	Arsenic Cobalt Nickel Thallium Vanadium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
9087R	MD21-01-0170	21-11258	1.5–2	Arsenic Beryllium Cobalt Nickel Sodium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
9087R	MD21-01-0171	21-11258	3.5–4	Arsenic Beryllium Cobalt Magnesium Nickel Vanadium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
9087R	MD21-01-0172	21-11258	5.5–6	Barium Beryllium Calcium Cobalt Magnesium Nickel Potassium Selenium Sodium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
9087R	MD21-01-0173	21-11258	7.5–8	Arsenic Barium Beryllium Calcium 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 but above the method detection limit.

Table C-5.2-1 (continued)
Data Quality Evaluation for Non-UST-Related Inorganic Analytes

Request	Sample ID	Location ID	Depth (ft)	Analyte	Explanation
9087R	MD21-01-0174	21-11258	9.5–10	Barium Beryllium Calcium 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 but above the method detection limit.
9087R	MD21-01-0175	21-11258	14.3–14.7	Barium Beryllium Calcium Cobalt Copper Nickel Potassium Selenium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
9087R	MD21-01-0175 MD21-01-0177 MD21-01-0178	21-11258 21-11258 21-11258	14.3–14.7 17–18 18.8–19.8	Chromium, Total	The result for this analyte should be regarded as not detected (U) because the concentration was less than or equal to 5x the concentration in the blank.
9087R	MD21-01-0176	21-11258	15.5–16	Barium Beryllium Calcium Cobalt Copper Magnesium Nickel Vanadium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
9087R	MD21-01-0177	21-11258	17–18	Barium Beryllium Calcium Cobalt Copper Magnesium Nickel Potassium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
9087R	MD21-01-0178	21-11258	18.8–19.8	Barium Calcium Cobalt Copper Nickel Vanadium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
9089R	MD21-01-0179	21-11259	5.5–6	Arsenic Barium Beryllium Calcium Cobalt Magnesium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
9089R	MD21-01-0179 MD21-01-0180 MD21-01-0181	21-11259 21-11259 21-11259	5.5–6 12–12.7 14–15.3	Manganese Zinc	The results for these analytes should be regarded as estimated and biased low (J-) because the matrix spike recovery was low.

Table C-5.2-1 (continued)
Data Quality Evaluation for Non-UST-Related Inorganic Analytes

Request	Sample ID	Location ID	Depth (ft)	Analyte	Explanation
9089R	MD21-01-0179	21-11259	5.5–6	Nickel Potassium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
9089R	MD21-01-0180	21-11259	12–12.7	Barium Calcium Cobalt Copper Magnesium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
9089R	MD21-01-0180	21-11259	12–12.7	Nickel Selenium Vanadium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
9089R	MD21-01-0181	21-11259	14–15.3	Barium Beryllium Calcium Cobalt Copper Magnesium Nickel Vanadium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
9091R	MD21-01-0182	21-11260	5.5–6	Barium Beryllium Calcium Cobalt Copper Nickel Selenium Thallium Vanadium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
9091R	MD21-01-0182 MD21-01-0183 MD21-01-0184 MD21-01-0185	21-11260 21-11260 21-11261 21-11261	5.5–6 9.5–10 1.5–2 9.5–10	Sodium	The result for this analyte should be regarded as estimated and biased low (J-) because the matrix spike recovery was low.
9091R	MD21-01-0183	21-11260	9.5–10	Arsenic Barium Beryllium Calcium Chromium, Total Cobalt Copper Nickel Potassium Vanadium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
9091R	MD21-01-0183	21-11260	9.5–10	Silver	The result for this analyte should be regarded as estimated and biased high (J+) because the spike percent recovery was high.
9091R	MD21-01-0184	21-11261	1.5–2	Antimony Cobalt Nickel Potassium Selenium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.

Table C-5.2-1 (continued)
Data Quality Evaluation for Non-UST-Related Inorganic Analytes

Request	Sample ID	Location ID	Depth (ft)	Analyte	Explanation
9091R	MD21-01-0185	21-11261	9.5–10	Barium Calcium Cobalt Copper Magnesium Nickel Vanadium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
9093R	MD21-01-0186 MD21-01-0187 MD21-01-0188	21-11262 21-11262 21-11262	0–0.4 0.5–1.2 0.5–1.2	Antimony	The reporting limit for this analyte should be regarded as estimated (UJ) because the spike percent recovery was low.
9093R	MD21-01-0186	21-11262	0–0.4	Barium Beryllium Calcium Cobalt Copper Nickel Potassium Selenium Vanadium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
9093R	MD21-01-0186 MD21-01-0188	21-11262 21-11262	0–0.4 0.5–1.2	Chromium, Total	The result for this analyte should be regarded as not detected (U) because the concentration was less than or equal to 5x the concentration in the blank.
9093R	MD21-01-0187	21-11262	0.5–1.2	Arsenic Barium Beryllium Calcium Cobalt Copper Nickel Potassium Vanadium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
9093R	MD21-01-0188	21-11262	0.5–1.2	Barium Beryllium Calcium Cobalt Copper Nickel Potassium Vanadium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
9093R	MD21-01-0189	21-11262	6.7–7.35	Barium Beryllium Calcium Cobalt Nickel Selenium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
9093R	MD21-01-0190	21-11262	8.5–9	Barium Beryllium Calcium Cobalt Copper	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
9163R	MD21-01-0191 MD21-01-0192	21-11264 21-11264	0–0.3 6–7	Arsenic	The reporting limit for this analyte should be regarded as estimated (UJ) because the spike percent recovery was low.

Table C-5.2-1 (continued)
Data Quality Evaluation for Non-UST-Related Inorganic Analytes

Request	Sample ID	Location ID	Depth (ft)	Analyte	Explanation
9163R	MD21-01-0194 MD21-01-0195 MD21-01-0196 MD21-01-0197	21-11263 21-11263 21-11263 21-11263	2.5–3 2.5–3 4.5–5 5.9–6.3	Arsenic	The result for this analyte should be regarded as estimated and biased low (J-) because the matrix spike recovery was low.
9163R	MD21-01-0191	21-11264	0–0.3	Barium Calcium Chromium, Total Magnesium Potassium Sodium Thallium Vanadium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
9163R	MD21-01-0192	21-11264	6–7	Barium Beryllium Calcium Cobalt Magnesium Sodium Thallium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
9163R	MD21-01-0193	21-11263	1.5–2	Beryllium Cobalt Silver Sodium Thallium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
9163R	MD21-01-0194	21-11263	2.5–3	Cadmium Selenium Sodium Thallium Beryllium Cadmium Cobalt Mercury Sodium Thallium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
9163R	MD21-01-0196	21-11263	4.5–5	Cadmium Cobalt Silver Sodium Thallium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
9163R	MD21-01-0197	21-11263	5.9–6.3	Cadmium Cobalt Manganese Sodium Thallium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
9165R	MD21-01-0198 MD21-01-0199 MD21-01-0200 MD21-01-0201 MD21-01-0203	21-11263 21-11263 21-11263 21-11263 21-11263	9.6–10.3 11.5–12 12.5–13 15.6–16.2 18.5–19.2	Arsenic	The result for this analyte should be regarded as estimated and biased low (J-) because the matrix spike recovery was low.
9165R	MD21-01-0202 MD21-01-0204	21-11263 21-11263	17–18 19.9–20.6	Arsenic	The reporting limit for this analyte should be regarded as estimated (UJ) because the spike percent recovery was low.

Table C-5.2-1 (continued)
Data Quality Evaluation for Non-UST-Related Inorganic Analytes

Request	Sample ID	Location ID	Depth (ft)	Analyte	Explanation
9165R	MD21-01-0198	21-11263	9.6–10.3	Cobalt Nickel Sodium Thallium Vanadium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
9165R	MD21-01-0199	21-11263	11.5–12	Cadmium Calcium Cobalt Magnesium Potassium Sodium Vanadium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
9165R	MD21-01-0200	21-11263	12.5–13	Cobalt Nickel Sodium Thallium Vanadium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
9165R	MD21-01-0201	21-11263	15.6–16.2	Cobalt Sodium Thallium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
9165R	MD21-01-0202	21-11263	17–18	Barium Beryllium Calcium Cobalt Magnesium Nickel Potassium Sodium Thallium Vanadium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
9165R	MD21-01-0203	21-11263	18.5–19.2	Barium Calcium Cobalt Magnesium Nickel Potassium Sodium Thallium Vanadium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
9165R	MD21-01-0204	21-11263	19.9–20.6	Barium Beryllium Calcium Cobalt Magnesium Potassium Sodium Thallium Vanadium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.

Table C-5.2-1 (continued)
Data Quality Evaluation for Non-UST-Related Inorganic Analytes

Request	Sample ID	Location ID	Depth (ft)	Analyte	Explanation
9168R	MD21-01-0206 MD21-01-0207 MD21-01-0208 MD21-01-0209 MD21-01-0210 MD21-01-0211	21-11265 21-11265 21-11266 21-11266 21-11266 21-11266	1.7–2 5–5.5 0–0.5 1.5–2.5 1.5–2.5 3.5–4.3	Antimony	The reporting limit for this analyte should be regarded as estimated (UJ) because the spike percent recovery was low.
9168R	MD21-01-0206	21-11265	1.7–2	Arsenic Beryllium Magnesium Selenium Sodium Vanadium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
9168R	MD21-01-0207	21-11265	5–5.5	Barium Beryllium Calcium Chromium, Total Copper Magnesium Sodium Vanadium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
9168R	MD21-01-0206 MD21-01-0207 MD21-01-0208 MD21-01-0209 MD21-01-0210 MD21-01-0211	21-11265 21-11265 21-11266 21-11266 21-11266 21-11266	1.7–2 5–5.5 0–0.5 1.5–2.5 1.5–2.5 3.5–4.3	Manganese	The result for this analyte should be regarded as estimated and biased high (J+) because the spike percent recovery was high.
9168R	MD21-01-0208	21-11266	0–0.5	Mercury	The result for this analyte should be regarded as estimated and biased high (J+) because the spike percent recovery was high.
9168R	MD21-01-0208	21-11266	0–0.5	Arsenic Cobalt Silver Sodium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
9168R	MD21-01-0209	21-11266	1.5–2.5	Arsenic Barium Calcium Chromium, Total Magnesium Sodium Vanadium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
9168R	MD21-01-0210	21-11266	1.5–2.5	Arsenic Barium Calcium Magnesium Nickel Sodium Vanadium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
9168R	MD21-01-0211	21-11266	3.5–4.3	Arsenic Calcium Magnesium Nickel Selenium Sodium Vanadium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.

Table C-5.2-1 (continued)
Data Quality Evaluation for Non-UST-Related Inorganic Analytes

Request	Sample ID	Location ID	Depth (ft)	Analyte	Explanation
9171R	MD21-01-0205 MD21-01-0212 MD21-01-0213	21-11265 21-11267 21-11267	0–0.5 0–0.4 3.5–4	Antimony	The reporting limit for this analyte should be regarded as estimated (UJ) because the spike percent recovery was low.
9171R	MD21-01-0205	21-11265	0–0.5	Arsenic Cadmium Cobalt Magnesium Mercury Nickel Sodium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
9171R	MD21-01-0205 MD21-01-0212 MD21-01-0213	21-11265 21-11267 21-11267	0–0.5 0–0.4 3.5–4	Manganese	The result for this analyte should be regarded as estimated and biased high (J+) because the spike percent recovery was high.
9171R	MD21-01-0212	21-11267	0–0.4	Barium Beryllium Calcium Copper Magnesium Selenium Sodium Vanadium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
9171R	MD21-01-0213	21-11267	3.5–4	Arsenic Barium Calcium Magnesium Nickel Selenium Sodium Vanadium	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.

Table C.5.2-2
Data Quality Evaluation for Non-UST–Related Organic Analytes

Request	Sample ID	Location ID	Depth (ft)	Suite	Analyte	Explanation
6898R	MD21-00-0035 MD21-00-0080	21-11129 21-11127	0–0.5 0–0.5	SVOC	Benzo(g,h,i)perylene Di-n-octylphthalate Indeno(1,2,3-cd)pyrene	The reporting limits for these analytes should be regarded as estimated (UJ) because the internal standard recovery associated with these analytes was outside the method requirements.
6898R	MD21-00-0037 MD21-00-0081	21-11131 21-11128	0–0.5 0–0.5	SVOC	Benzo(g,h,i)perylene Bis(2-ethylhexyl)phthalate Butylbenzylphthalate Di-n-octylphthalate Dichlorobenzidine[3,3'-] Indeno(1,2,3-cd)pyrene	The reporting limits for these analytes should be regarded as estimated (UJ) because the internal standard recovery associated with these analytes was outside the method requirements.
7045R	MD21-00-0063	21-11142	1–2	SVOC	Benzo(g,h,i)perylene Bis(2-ethylhexyl)phthalate Dibenzofuran Indeno(1,2,3-cd)pyrene	The results for these analytes should be regarded as estimated (J) because the result was less than the practical quantitation limit but above the method detection limit.

Table C.5.2-2 (continued)
Data Quality Evaluation for Non-UST–Related Organic Analytes

Request	Sample ID	Location ID	Depth (ft)	Suite	Analyte	Explanation
7045R	MD21-00-0063 MD21-00-0064	21-11142 21-11142	1–2 2–3	VOC	Acetone Methylene chloride Trichloro-1,2,2-trifluoroethane[1,1,2-] Trichlorofluoromethane	The results for these analytes should be regarded as not detected (U) because the results were less than 5 times (10X for common laboratory contaminants) the results for these analytes in the method blank.
7045R	MD21-00-0064	21-11142	2–3	SVOC	Benzoic acid Benzyl alcohol Bis(2-chloroethoxy)methane Bis(2-chloroethyl)ether Chloro-3-methylphenol[4-] Chloroaniline[4-] Chlorophenol[2-] Dichlorobenzene[1,2-] Dichlorobenzene[1,3-] Dichlorobenzene[1,4-] Dichlorophenol[2,4-] Dimethylphenol[2,4-] Hexachlorobutadiene Hexachloroethane Isophorone Methylphenol[2-] Methylphenol[4-] Nitrobenzene Nitrophenol[2-] Nitroso-di-n-propylamine[N-] Oxybis(1-chloropropane)[2,2'-] Phenol Trichlorobenzene[1,2,4-]	The reporting limits for these analytes should be regarded as estimated (UJ) because the internal standard recovery associated with these analytes was outside the method requirements.
7056R	MD21-00-0061	21-11141	0–1	SVOC	Benzo(g,h,i)perylene	The results for these analytes should be regarded as estimated (J) because the result was less than the practical quantitation limit but above the method detection limit.
7056R	MD21-00-0061	21-11141	0–1	SVOC	Benzoic acid Dinitrophenol[2,4-] Hexachlorocyclopentadiene	The reporting limits for these analytes should be regarded as estimated (UJ) because the calibration verification for these analytes did not meet method requirements.
7056R	MD21-00-0061	21-11141	0–1	SVOC	Indeno(1,2,3-cd)pyrene	The results for these analytes should be regarded as estimated (J) because the result was less than the practical quantitation limit but above the method detection limit.
7056R	MD21-00-0061	21-11141	0–1	VOC	Acetone Methylene chloride Trichlorofluoromethane	The results for these analytes should be regarded as not detected (U) because the results were less than 5 times the results for these analytes in the method blank.

Table C.5.2-2 (continued)
Data Quality Evaluation for Non-UST–Related Organic Analytes

Request	Sample ID	Location ID	Depth (ft)	Suite	Analyte	Explanation
7056R	MD21-00-0062	21-11141	4–5	VOC	Acetone Methylene chloride Trichloro-1,2,2-trifluoroethane[1,1,2-] Trichlorofluoromethane	The results for these analytes should be regarded as not detected (U) because the results were less than 5 times the results for these analytes in the method blank.
7056R	MD21-00-0062	21-11141	4–5	SVOC	All target analytes	The reporting limits for these analytes should be regarded as estimated (UJ) because the surrogate recoveries associated with these analytes were low.
7056R	MD21-00-0062	21-11141	4–5	SVOC	Benzoic acid Dinitrophenol[2,4-] Hexachlorocyclopentadiene	The reporting limits for these analytes should be regarded as estimated (UJ) because the calibration verification for these analytes did not meet method requirements.
7130R	MD21-00-0073	21-11147	37–38	SVOC	Bis(2-ethylhexyl)phthalate Phenol	The results for these analytes should be regarded as not detected (U) because the results were less than 5 times (10 times for common laboratory contaminants) the results for these analytes in the method blank.
7130R	MD21-00-0073 MD21-00-0074 MD21-00-0088 MD21-00-0089 MD21-00-0090	21-11147 21-11147 21-11147 21-11147 21-11147	37–38 44–45 49–50 54–55 59.7–60.3	SVOC	Dinitrophenol[2,4-] Nitrophenol[4-]	The reporting limits for these analytes should be regarded as estimated (UJ) because the calibration verification for these analytes did not meet method requirements.
7130R	MD21-00-0073 MD21-00-0074 MD21-00-0088 MD21-00-0089 MD21-00-0090	21-11147 21-11147 21-11147 21-11147 21-11147	37–38 44–45 49–50 54–55 59.7–60.3	VOC	Acetone	The result for this analyte should be regarded as rejected (R) because the calibration verification for this analyte did not meet method requirements.
7130R	MD21-00-0073 MD21-00-0074	21-11147 21-11147	37–38 44–45	VOC	Dichloropropene[cis-1,3-] Propylbenzene[1-]	The reporting limits for these analytes should be regarded as estimated (UJ) because the calibration verification for these analytes did not meet method requirements.
7130R	MD21-00-0073 MD21-00-0074 MD21-00-0088 MD21-00-0089	21-11147 21-11147 21-11147 21-11147	37–38 44–45 49–50 54–55	VOC	Methylene chloride Trichlorofluoromethane	The results for these analytes should be regarded as not detected (U) because the results were less than 5 times (10 times for common laboratory contaminants) the results for these analytes in the method blank.
7130R	MD21-00-0074	21-11147	44–45	SVOC	Bis(2-ethylhexyl)phthalate	The result for this analyte should be regarded as not detected (U) because the result was less than 10 times the results for this analyte in the method blank.

Table C.5.2-2 (continued)
Data Quality Evaluation for Non-UST–Related Organic Analytes

Request	Sample ID	Location ID	Depth (ft)	Suite	Analyte	Explanation
7130R	MD21-00-0088	21-11147	49–50	SVOC	Benzoic acid Chloro-3-methylphenol[4-] Chlorophenol[2-] Dichlorophenol[2,4-] Dimethylphenol[2,4-] Dinitro-2-methylphenol[4,6-] Methylphenol[2-] Methylphenol[4-] Nitrophenol[2-] Pentachlorophenol Phenol Trichlorophenol[2,4,5-] Trichlorophenol[2,4,6-]	The reporting limits for these analytes should be regarded as estimated (UJ) because the surrogate recoveries associated with these analytes were low.
7130R	MD21-00-0088	21-11147	49–50	SVOC	Bis(2-ethylhexyl)phthalate	The result for this analyte should be regarded as estimated and biased low (J-) because the holding time was exceeded (less than 2 times).
7130R	MD21-00-0088	21-11147	49–50	SVOC	Di-n-butylphthalate	The result for this analyte should be regarded as not detected (U) because the result was less than 10 times the result for this analyte in the method blank.
7130R	MD21-00-0089	21-11147	54–55	SVOC	Bis(2-ethylhexyl)phthalate Di-n-butylphthalate	The results for these analytes should be regarded as not detected (U) because the results were less than 10 times the results for these analytes in the method blank.
7130R	MD21-00-0090	21-11147	59.7–60.3	SVOC	Bis(2-ethylhexyl)phthalate Di-n-butylphthalate Phenol	The results for these analytes should be regarded as not detected (U) because the results were less than 5 times (10 times for common laboratory contaminants) the results for these analytes in the method blank.
7130R	MD21-00-0090	21-11147	59.7–60.3	VOC	Methylene chloride Trichlorofluoromethane	The results for these analytes should be regarded as not detected (U) because the results were less than 5 times (10 times for common laboratory contaminants) the results for these analytes in the method blank.
7136R	MD21-00-0091	21-11147	63–65	SVOC	All target analytes	The results for these analytes should be regarded as rejected (R) because the surrogate recoveries associated with these analytes were less than 10%.
7136R	MD21-00-0091 MD21-00-0092 MD21-00-0094 MD21-00-0095	21-11147 21-11147 21-11148 21-11148	63–65 69–70 51–52 64–65	VOC	Acetone	The result for this analyte should be regarded as rejected (R) because the calibration verification for this analyte did not meet method requirements.

Table C.5.2-2 (continued)
Data Quality Evaluation for Non-UST–Related Organic Analytes

Request	Sample ID	Location ID	Depth (ft)	Suite	Analyte	Explanation
7136R	MD21-00-0091 MD21-00-0092 MD21-00-0094 MD21-00-0095	21-11147 21-11147 21-11148 21-11148	63–65 69–70 51–52 64–65	VOC	Methylene chloride	The results for this analyte should be regarded as not detected (U) because the results were less than 10 times the results for this analyte in the method blank.
7136R	MD21-00-0092 MD21-00-0094 MD21-00-0095	21-11147 21-11148 21-11148	69–70 51–52 64–65	SVOC	Bis(2-ethylhexyl)phthalate	The results for this analyte should be regarded as not detected (U) because the results were less than 10 times the results for this analyte in the method blank.
7136R	MD21-00-0092	21-11147	69–70	SVOC	Di-n-butylphthalate Phenol	The results for these analytes should be regarded as not detected (U) because the results were less than 5 times (10 times for common laboratory contaminants) the results for this analyte in the method blank.
7136R	MD21-00-0092 MD21-00-0094	21-11147 21-11148	69–70 51–52	VOC	Trichlorofluoromethane	The result for this analyte should be regarded as not detected (U) because the result was less than 5 times the results for this analyte in the method blank.
7200R	MD21-00-0101 MD21-00-0102	21-11150 21-11150	64–65 107.5–108.5	SVOC	Benzyl alcohol Nitroso-di-n-propylamine[N-]	The reporting limits for these analytes should be regarded as estimated (UJ) because the calibration verification for these analytes did not meet method requirements.
7200R	MD21-00-0101 MD21-00-0102	21-11150 21-11150	64–65 107.5–108.5	VOC	Acetone	The result for this analyte should be regarded as rejected (R) because the calibration verification for this analyte did not meet method requirements.
7200R	MD21-00-0101 MD21-00-0102	21-11150 21-11150	64–65 107.5–108.5	VOC	Methylene chloride Trichlorofluoromethane	The results for these analytes should be regarded as not detected (U) because the results were less than 5 times (10 times for common laboratory contaminants) the results for these analytes in the method blank.
7229R	MD21-00-0103 MD21-00-0104 MD21-00-0105 MD21-00-0106	21-11151 21-11151 21-11151 21-11151	24–25 95–96 105–105.5 105.5–106.5	VOC	Acetone	The result for this analyte should be regarded as rejected (R) because the calibration verification for this analyte did not meet method requirements.
7229R	MD21-00-0103 MD21-00-0104 MD21-00-0105 MD21-00-0106	21-11151 21-11151 21-11151 21-11151	24–25 95–96 105–105.5	VOC	Methylene chloride Trichlorofluoromethane	The results for these analytes should be regarded as not detected (U) because the results were less than 5 times (10 times for common laboratory contaminants) the results for these analytes in the method blank.

Table C.5.2-2 (continued)
Data Quality Evaluation for Non-UST–Related Organic Analytes

Request	Sample ID	Location ID	Depth (ft)	Suite	Analyte	Explanation
7241R	MD21-00-0109 MD21-00-0110 MD21-00-0111 MD21-00-0112	21-11153 21-11153 21-11154 21-11154	49–50 94–95 49–50 92.5–92.5	VOC	Acetone	The result for this analyte should be regarded as rejected (R) because the calibration verification for this analyte did not meet method requirements.
7241R	MD21-00-0109 MD21-00-0110 MD21-00-0111 MD21-00-0112	21-11153 21-11153 21-11154 21-11154	49–50 94–95 49–50 92.5–92.5	VOC	Methylene chloride Trichlorofluoromethane	The results for these analytes should be regarded as not detected (U) because the results were less than 5 times the results for these analytes in the method blank.
7241R	MD21-00-0111 MD21-00-0112	21-11154 21-11154	49–50 92.5–92.5	SVOC	Benzoic acid	The reporting limit for this analyte should be regarded as estimated (UJ) because the calibration verification for this analyte did not meet method requirements.
7241R	MD21-00-0111	21-11154	49–50	SVOC	Bis(2-ethylhexyl)phthalate	The result for this analyte should be regarded as estimated (J) because the result was less than the practical quantitation limit but above the method detection limit.
7241R	MD21-00-0111 MD21-00-0112	21-11154 21-11154	49–50 92.5–92.5	SVOC	Hexachlorocyclopentadiene Nitrosodimethylamine[N-] Pyridine	The reporting limits for these analytes should be regarded as estimated (UJ) because the calibration verification for these analytes did not meet method requirements.
7241R	MD21-00-0112	21-11154	92.5–92.5	VOC	Trichloro-1,2,2-trifluoroethane[1,1,2-]	The result for this analyte should be regarded as estimated (J) because the result was less than the practical quantitation limit but above the method detection limit.
7245R	MD21-00-0113 MD21-00-0114	21-11155 21-11155	54–55 87.5–90	SVOC	All target analytes	The reporting limits for these analytes should be regarded as estimated (UJ) because the holding time was exceeded (less than 2 times).
7245R	MD21-00-0113 MD21-00-0114	21-11155 21-11155	54–55 87.5–90	VOC	Acetone	The result for this analyte should be regarded as rejected (R) because the calibration verification for this analyte did not meet method requirements.
7245R	MD21-00-0113 MD21-00-0114	21-11155 21-11155	54–55 87.5–90	VOC	Methylene chloride Trichlorofluoromethane	The results for these analytes should be regarded as not detected (U) because the results were less than 5 times (10 times for common laboratory contaminants) the results for these analytes in the method blank.
7245R	MD21-00-0113	21-11155	54–55	VOC	Trichloro-1,2,2-trifluoroethane[1,1,2-]	The result for this analyte should be regarded as estimated (J) because the result was less than the practical quantitation limit but above the method detection limit.

Table C.5.2-2 (continued)
Data Quality Evaluation for Non-UST–Related Organic Analytes

Request	Sample ID	Location ID	Depth (ft)	Suite	Analyte	Explanation
7255R	MD21-00-0115 MD21-00-0116 MD21-00-0117	21-11156 21-11156 21-11156	9–10 60–61 99–100	SVOC	Benzyl alcohol	The reporting limits for these analytes should be regarded as estimated (UJ) because the calibration verification for these analytes did not meet method requirements.
7255R	MD21-00-0115 MD21-00-0116 MD21-00-0117	21-11156 21-11156 21-11156	9–10 60–61 99–100	VOC	Acetone	The result for this analyte should be regarded as rejected (R) because the calibration verification for this analyte did not meet method requirements.
7255R	MD21-00-0115 MD21-00-0116 MD21-00-0117	21-11156 21-11156 21-11156	9–10 60–61 99–100	VOC	Methylene chloride Trichloro-1,2,2-trifluoroethane[1,1,2-] Trichlorofluoromethane	The results for these analytes should be regarded as not detected (U) because the results were less than 5 times (10 times for common laboratory contaminants) the results for these analytes in the method blank.
7259R	MD21-00-0118 MD21-00-0119 MD21-00-0120 MD21-00-0121	21-11157 21-11157 21-11162 21-11162	2–2.5 14–14.8 6–6.5 16–16.5	SVOC	Bis(2-ethylhexyl)phthalate	The results for these analytes should be regarded as estimated (J) because the result was less than the practical quantitation limit but above the method detection limit.
7259R	MD21-00-0118 MD21-00-0119 MD21-00-0120 MD21-00-0121	21-11157 21-11157 21-11162 21-11162	2–2.5 14–14.8 6–6.5 16–16.5	VOC	Acetone	The result for this analyte should be regarded as rejected (R) because the calibration verification for this analyte did not meet method requirements.
7259R	MD21-00-0118 MD21-00-0119 MD21-00-0120 MD21-00-0121	21-11157 21-11157 21-11162 21-11162	2–2.5 14–14.8 6–6.5 16–16.5	VOC	Dibromomethane Iodomethane Trichloro-1,2,2-trifluoroethane[1,1,2-]	The reporting limits for these analytes should be regarded as estimated (UJ) because the calibration verification for these analytes did not meet method requirements.
7259R	MD21-00-0118	21-11157	2–2.5	VOC	Isopropyltoluene[4-]	The result for this analyte should be regarded as estimated (J) because the result was less than the practical quantitation limit but above the method detection limit.
7259R	MD21-00-0118 MD21-00-0119 MD21-00-0120 MD21-00-0121	21-11157 21-11157 21-11162 21-11162	2–2.5 14–14.8 6–6.5 16–16.5	VOC	Methylene chloride Trichlorofluoromethane	The results for these analytes should be regarded as not detected (U) because the results were less than 5 times (10 times for common laboratory contaminants) the results for these analytes in the method blank.
7259R	MD21-00-0121	21-11162	16–16.5	SVOC	Aniline Nitrosodimethylamine[N-] Oxybis(1-chloropropane)[2,2'-] Pyridine	The reporting limits for these analytes should be regarded as estimated (UJ) because the calibration verification for these analytes did not meet method requirements.

Table C.5.2-2 (continued)
Data Quality Evaluation for Non-UST–Related Organic Analytes

Request	Sample ID	Location ID	Depth (ft)	Suite	Analyte	Explanation
7331R	MD21-00-0147	21-11173	0–0.5	SVOC	Dimethylphenol[2,4-] Methylphenol[4-] Phenol	The results for these analytes should be regarded as estimated and biased high (J+) because the surrogate recoveries associated with these analytes were high.
7331R	MD21-00-0147 MD21-00-0147 MD21-00-0147 MD21-00-0148 MD21-00-0152	21-11173 21-11173 21-11173 21-11173 21-11175	0–0.5 0–0.5 0–0.5 0.5–1.5 1–1.5	VOC	Acetone Methylene chloride Trichlorofluoromethane	The results for these analytes should be regarded as not detected (U) because the results were less than 5 times (10 times for common laboratory contaminants) the results for these analytes in the method blank.
7331R	MD21-00-0147 MD21-00-0148	21-11173 21-11173	0–0.5 0.5–1.5	VOC	Carbon tetrachloride Iodomethane Methyl-2-pentanone[4-]	The reporting limits for these analytes should be regarded as estimated (UJ) because the calibration verification for these analytes did not meet method requirements.
7331R	MD21-00-0148	21-11173	0.5–1.5	SVOC	Dimethylphenol[2,4-] Phenol	The results for these analytes should be regarded as estimated and biased high (J+) because the surrogate recoveries associated with these analytes were high.
7331R	MD21-00-0149	21-11174	0–6	SVOC	Bis(2-ethylhexyl)phthalate	The result for this analyte should be regarded as estimated and biased high (J+) because the surrogate recovery associated with this analyte was high.
7331R	MD21-00-0149 MD21-00-0150	21-11174 21-11174	0–6 1–1.5	VOC	Acetone Carbon tetrachloride Iodomethane Methyl-2-pentanone[4-]	The reporting limits for these analytes should be regarded as estimated (UJ) because the calibration verification for these analytes did not meet method requirements.
7331R	MD21-00-0149 MD21-00-0150	21-11174 21-11174	0–6 1–1.5	VOC	Methylene chloride	The result for this analyte should be regarded as not detected (U) because the result was less than 10 times the results for this analyte in the method blank.
7331R	MD21-00-0151	21-11175	0–0.5	VOC	Acetone Methylene chloride	The results for these analytes should be regarded as not detected (U) because the results were less than 10 times the results for these analytes in the method blank.

Table C.5.2-2 (continued)
Data Quality Evaluation for Non-UST–Related Organic Analytes

Request	Sample ID	Location ID	Depth (ft)	Suite	Analyte	Explanation
7331R	MD21-00-0151	21-11175	0–0.5	VOC	Bromobenzene Butylbenzene[n-] Butylbenzene[sec-] Butylbenzene[tert-] Isopropylbenzene Chlorotoluene[2-] Chlorotoluene[4-] Dibromo-3-chloropropane[1,2-] Dichlorobenzene[1,2-] Dichlorobenzene[1,3-] Dichlorobenzene[1,4-] 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 internal standard recovery associated with these analytes was outside method requirements.
7331R	MD21-00-0151 MD21-00-0152	21-11175 21-11175	0–0.5 1–1.5	VOC	Carbon tetrachloride Iodomethane Methyl-2-pentanone[4-]	The reporting limits for these analytes should be regarded as estimated (UJ) because the calibration verification for these analytes did not meet method requirements.
7331R	MD21-00-0151	21-11175	0–0.5	VOC	Isopropyltoluene[4-]	The result for this analyte should be regarded as estimated (J) because the result was less than the practical quantitation limit but above the method detection limit.
7331R	MD21-00-0151	21-11175	0–0.5	VOC	Trichlorofluoromethane	The result for this analyte should be regarded as not detected (U) because the result was less than 5 times the results for this analyte in the method blank.
7331R	MD21-00-0152	21-11175	1–1.5	SVOC	All target analytes	The reporting limits for these analytes should be regarded as estimated (UJ) because the surrogate recoveries associated with these analytes were low.
7919R	MD21-00-0165 MD21-00-0166	21-11181 21-11181	5–6 14.5–15	SVOC	Benzyl alcohol	The reporting limit for this analyte should be regarded as estimated (UJ) because the calibration verification for this analyte did not meet method requirements.
7919R	MD21-00-0165	21-11181	5–6	SVOC	Dinitro-2-methylphenol[4,6-] Pentachlorophenol	The results for these analytes should be regarded as rejected (R) because the associated laboratory control sample recoveries failed less than 10%.
7919R	MD21-00-0165	21-11181	5–6	VOC	Acetone	The result for this analyte should be regarded as estimated (J) because the calibration verification did not meet method requirements.

Table C.5.2-2 (continued)
Data Quality Evaluation for Non-UST–Related Organic Analytes

Request	Sample ID	Location ID	Depth (ft)	Suite	Analyte	Explanation
7919R	MD21-00-0165	21-11181	5–6	VOC	Butylbenzene[sec-]	The reporting limit for this analyte should be regarded as estimated (UJ) because the internal standard recovery associated with this analyte was outside method requirements.
7919R	MD21-00-0165 MD21-00-0166	21-11181 21-11181	5–6 14.5–15	VOC	Iodomethane	The reporting limit for this analyte should be regarded as estimated (UJ) because the calibration verification for this analyte did not meet method requirements.
7919R	MD21-00-0165 MD21-00-0166	21-11181 21-11181	5–6 14.5–15	VOC	Methylene chloride	The result for this analyte should be regarded as not detected (U) because the result was less than 10 times the results for this analyte in the method blank.
7919R	MD21-00-0165	21-11181	5–6	VOC	Propylbenzene[1-] Trimethylbenzene[1,2,4-]	The results for these analytes should be regarded as estimated and biased high (J+) because the surrogate recoveries associated with these analytes were high.
7919R	MD21-00-0166	21-11181	14.5–15	SVOC	Bis(2-ethylhexyl)phthalate	The result for this analyte should be regarded as not detected (U) because the result was less than 10 times the results for this analyte in the method blank.
7919R	MD21-00-0166	21-11181	14.5–15	SVOC	Dinitro-2-methylphenol[4,6-] Pentachlorophenol	The results for these analytes should be regarded as rejected (R) because the associated laboratory control standards failed less than 10%.
7919R	MD21-00-0166	21-11181	14.5–15	VOC	Acetone	The result for this analyte should be regarded as rejected (R) because the calibration verification for this analyte did not meet method requirements.
8733R	MD21-01-0093	21-11229	69–70	SVOC	Benzyl alcohol	The reporting limit for this analyte should be regarded as estimated (UJ) because the calibration verification for this analyte did not meet method requirements.
8767R	MD21-01-0096	21-11230	39–39.5	SVOC	Benzyl alcohol	The reporting limit for this analyte should be regarded as estimated (UJ) because the calibration verification for this analyte did not meet method requirements.
8767R	MD21-01-0097	21-11230	54.3–55	SVOC	All target analytes	The reporting limits for these analytes should be regarded as estimated (UJ) because the internal standard recoveries associated with these analytes were outside method requirements.

Table C.5.2-2 (continued)
Data Quality Evaluation for Non-UST–Related Organic Analytes

Request	Sample ID	Location ID	Depth (ft)	Suite	Analyte	Explanation
8779R	MD21-01-0099	21-11230	104.2–105	SVOC	All target analytes	The reporting limits for these analytes should be regarded as estimated (UJ) because the internal standard recoveries associated with these analytes were outside method requirements.
8816R	MD21-01-0106 MD21-01-0107 MD21-01-0108 MD21-01-0109 MD21-01-0112	21-11231 21-11231 21-11232 21-11232 21-11232	38.8–39.8 45–45.5 6.3–6.6 10–11 21.7–22.5	SVOC	All target analytes	The reporting limits for these analytes should be regarded as estimated (UJ) because the internal standard recoveries associated with these analytes were outside method requirements.
8820R	MD21-01-0080 MD21-01-0082	21-11233 21-11235	0–0.07 0–0.07	SVOC	All target analytes	The reporting limits for these analytes should be regarded as estimated (UJ) because the surrogate recoveries associated with these analytes were low.
8820R	MD21-01-0080 MD21-01-0082	21-11233 21-11235	0–0.07 0–0.07	VOC	Trimethylbenzene[1,2,4-] Trimethylbenzene[1,3,5-]	The reporting limits for these analytes should be regarded as estimated (UJ) because the internal standard recovery associated with these analytes was outside method requirements.
8820R	MD21-01-0081	21-11234	0–0.07	SVOC	Bis(2-ethylhexyl)phthalate	The result for this analyte should be regarded as estimated (J) because the result was less than the practical quantitation limit but above the method detection limit.
8839R	MD21-01-0083	21-11237	0–0.13	VOC	Dichlorobenzene[1,4-] Trimethylbenzene[1,2,4-] Trimethylbenzene[1,3,5-]	The reporting limits for these analytes should be regarded as estimated (UJ) because the internal standard recovery associated with these analytes was outside method requirements.
8839R	MD21-01-0084	21-11237	0–0.13	SVOC	All not-detected target analytes	The reporting limits for these analytes should be regarded as estimated (UJ) because the surrogate recoveries associated with these analytes were low.
8839R	MD21-01-0084	21-11237	0–0.13	SVOC	Indeno(1,2,3-cd)pyrene	The result for this analyte should be regarded as estimated and biased low (J-) because the surrogate recovery associated with this analyte was low.
8839R	MD21-01-0084 MD21-01-0085 MD21-01-0086	21-11237 21-11238 21-11239	0–0.13 0–0.13 0–0.13	VOC	Trimethylbenzene[1,2,4-]	The result for this analyte should be regarded as estimated and biased high (J+) because the surrogate recovery associated with this analyte was high.

Table C.5.2-2 (continued)
Data Quality Evaluation for Non-UST–Related Organic Analytes

Request	Sample ID	Location ID	Depth (ft)	Suite	Analyte	Explanation
8839R	MD21-01-0087	21-11236	0–0.13	VOC	Trimethylbenzene[1,2,4-]	The reporting limit for this analyte should be regarded as estimated (UJ) because the internal standard recovery associated with this analyte was outside method requirements.
8839R	MD21-01-0084 MD21-01-0085 MD21-01-0086 MD21-01-0087	21-11237 21-11238 21-11239 21-11236	0–0.13 0–0.13 0–0.13 0–0.13	VOC	Trimethylbenzene[1,3,5-]	The reporting limit for this analyte should be regarded as estimated (UJ) because the internal standard recovery associated with this analyte was outside method requirements.
8839R	MD21-01-0085	21-11238	0–0.13	SVOC	Benzo(g,h,i)perylene Benzoic acid Indeno(1,2,3-cd)pyrene Benzoic acid Di-n-octylphthalate Indeno(1,2,3-cd)pyrene	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
8839R	MD21-01-0087	21-11236	0–0.13	SVOC	Benzoic acid	The result for this analyte should be regarded as estimated (J) because the internal standard recovery associated with this analyte was outside method requirements.
8839R	MD21-01-0087	21-11236	0–0.13	SVOC	Indeno(1,2,3-cd)pyrene	The result for this analyte should be regarded as estimated (J) because the result was less than the practical quantitation limit but above the method detection limit.
8859R	MD21-01-0078 MD21-01-0079	21-11240 21-11240	93–94 93–94	SVOC	Benzyl alcohol Dinitrophenol[2,4-]	The reporting limits for these analytes should be regarded as estimated (UJ) because the calibration verifications associated with these analytes were outside method requirements.
8862R	MD21-01-0113	21-11240	46.7–47	VOC	Methylene chloride	The reporting limit for this analyte should be regarded as estimated (UJ) because the calibration verification associated with this analyte was outside method requirements.
8880R	MD21-01-0127	21-11244	104–104.5	SVOC	All target analytes	The reporting limits for these analytes should be regarded as estimated (UJ) because the surrogate recoveries associated with these analytes were low.
8914R	MD21-01-0074	21-11246	0–0.5	SVOC	Bis(2-ethylhexyl)phthalate Benzoic acid Bis(2-ethylhexyl)phthalate	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.

Table C.5.2-2 (continued)
Data Quality Evaluation for Non-UST–Related Organic Analytes

Request	Sample ID	Location ID	Depth (ft)	Suite	Analyte	Explanation
8931R	MD21-01-0140	21-11247	1.5–2	SVOC	All target analytes	The reporting limits for these analytes should be regarded as estimated (UJ) because the surrogate recoveries associated with these analytes were low.
8931R	MD21-01-0141 MD21-01-0142	21-11247 21-11248	5.5–6 0–0.5	SVOC	Dinitrophenol[2,4-]	The reporting limit for this analyte should be regarded as estimated (UJ) because the calibration verification associated with this analyte was outside method requirements.
8931R	MD21-01-0142	21-11248	0–0.5	SVOC	Bis(2-ethylhexyl)phthalate	The result for this analyte should be regarded as estimated (J) because the result was less than the practical quantitation limit but above the method detection limit.
8933R	MD21-01-0144	21-11249	3.5–4	SVOC	All target analytes	The reporting limits for these analytes should be regarded as estimated (UJ) because the surrogate recoveries associated with these analytes were low.
8937R	MD21-01-0147	21-11250	1.5–2	SVOC	Benzoic acid	The result for this analyte should be regarded as estimated (J) because the result was less than the practical quantitation limit but above the method detection limit.
8937R	MD21-01-0148 MD21-01-0149	21-11250 21-11251	3.5–4 1.5–2	SVOC	Benzoic acid Bis(2-ethylhexyl)phthalate	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
8939R	MD21-01-0150 MD21-01-0151	21-11251 21-11251	3–3.5 3–3.5	SVOC	Bis(2-ethylhexyl)phthalate	The result for this analyte should be regarded as estimated (J) because the result was less than the practical quantitation limit but above the method detection limit.
8939R	MD21-01-0151	21-11251	3–3.5	SVOC	Acenaphthylene Chloronaphthalene[2-] Chlorophenyl-phenyl[4-] Ether Dibenzofuran Diethylphthalate Dimethyl Phthalate Dinitrophenol[2,4-] Dinitrotoluene[2,4-] Dinitrotoluene[2,6-] Hexachlorocyclopentadiene Nitroaniline[2-] Nitroaniline[3-] Nitroaniline[4-] Nitrophenol[4-] Trichlorophenol[2,4,5-] Trichlorophenol[2,4,6-]	The results for these analytes should be regarded as rejected (R) because the internal standard recoveries associated with these analytes were less than 10% of the expected value.

Table C.5.2-2 (continued)
Data Quality Evaluation for Non-UST–Related Organic Analytes

Request	Sample ID	Location ID	Depth (ft)	Suite	Analyte	Explanation
8951R	MD21-01-0153	21-11252	5.5–6	SVOC	Butylbenzylphthalate	The result for this analyte should be regarded as estimated (J) because the result was less than the practical quantitation limit but above the method detection limit.
8966R	MD21-01-0154 MD21-01-0155 MD21-01-0156 MD21-01-0157 MD21-01-0158 MD21-01-0159	21-11253 21-11253 21-11254 21-11254 21-11254 21-11254	5.5–6 8–8.5 1.5–2 2.8–3.5 4.5–5 5.5–6	SVOC	Chloroaniline[4-] Dichlorobenzidine[3,3'-] Nitroaniline[3-]	The reporting limits for these analytes should be regarded as estimated (UJ) because the calibration verifications associated with these analytes were outside method requirements.
8986R	MD21-01-0160 MD21-01-0161 MD21-01-0162	21-11255 21-11255 21-11255	9.5–10 11.5–12 15.75–16.8	SVOC	Chloroaniline[4-] Nitroaniline[3-] Nitroaniline[4-]	The reporting limits for these analytes should be regarded as estimated (UJ) because the calibration verifications associated with these analytes were outside method requirements.
8986R	MD21-01-0160	21-11255	9.5–10	VOC	Trimethylbenzene[1,2,4-] Trimethylbenzene[1,3,5-]	The results for these analytes should be regarded as not detected (U) because the associated mass spectrums did not meet method requirements.
8988R	MD21-01-0163 MD21-01-0164 MD21-01-0165 MD21-01-0166 MD21-01-0167	21-11256 21-11256 21-11256 21-11257 21-11257	1.8–2.1 3.5–4 5.5–6 1.5–2 3.5–4	SVOC	Chloroaniline[4-] Nitroaniline[3-] Nitroaniline[4-]	The reporting limits for these analytes should be regarded as estimated (UJ) because the calibration verifications associated with these analytes were outside method requirements.
8988R	MD21-01-0163 MD21-01-0166	21-11256 21-11257	1.8–2.1 1.5–2	VOC	Trimethylbenzene[1,2,4-] Trimethylbenzene[1,3,5-]	The reporting limits for these analytes should be regarded as estimated (UJ) because the internal standard recoveries associated with these analytes were outside method requirements.
8988R	MD21-01-0165	21-11256	5.5–6	VOC	Trimethylbenzene[1,2,4-] Trimethylbenzene[1,3,5-]	The results for these analytes should be regarded as not detected (U) because the associated mass spectrums did not meet method requirements.
8988R	MD21-01-0166	21-11257	1.5–2	SVOC	Indeno(1,2,3-cd)pyrene	The result for this analyte should be regarded as estimated (J) because the result was less than the practical quantitation limit but above the method detection limit.
9086R	MD21-01-0168 MD21-01-0169 MD21-01-0170 MD21-01-0171 MD21-01-0172 MD21-01-0173 MD21-01-0176 MD21-01-0177 MD21-01-0178	21-11256 21-11257 21-11258 21-11258 21-11258 21-11258 21-11258 21-11258 21-11258	10–10.75 7–8 1.5–2 3.5–4 5.5–6 7.5–8 15.5–16 17–18 18.8–19.8	SVOC	Chloroaniline[4-] Nitroaniline[3-]	The reporting limits for these analytes should be regarded as estimated (UJ) because the calibration verifications associated with these analytes were outside method requirements.

Table C.5.2-2 (continued)
Data Quality Evaluation for Non-UST–Related Organic Analytes

Request	Sample ID	Location ID	Depth (ft)	Suite	Analyte	Explanation
9086R	MD21-01-0170 MD21-01-0171 MD21-01-0172 MD21-01-0179	21-11258 21-11258 21-11258 21-11259	1.5–2 3.5–4 5.5–6 5.5–6	VOC	Trimethylbenzene[1,2,4-] Trimethylbenzene[1,3,5-]	The reporting limits for these analytes should be regarded as estimated (UJ) because the internal standard recoveries associated with these analytes were outside method requirements.
9086R	MD21-01-0174 MD21-01-0175	21-11258 21-11258	9.5–10 14.3–14.7	SVOC	All target analytes	The reporting limits for these analytes should be regarded as estimated (UJ) because the surrogate recoveries associated with these analytes were low.
9092R	MD21-01-0186	21-11262	0–0.4	VOC	Trimethylbenzene[1,2,4-] Trimethylbenzene[1,3,5-]	The reporting limits for these analytes should be regarded as estimated (UJ) because the internal standard recoveries associated with these analytes was outside the method requirements.
9162R	MD21-01-0191 MD21-01-0192 MD21-01-0193 MD21-01-0194 MD21-01-0195 MD21-01-0196 MD21-01-0197	21-11264 21-11264 21-11263 21-11263 21-11263 21-11263 21-11263	0–0.3 6–7 1.5–2 2.5–3 2.5–3 4.5–5 5.9–6.3	SVOC	Acenaphthylene Benzoic acid Chloro-3-methylphenol[4-] Chloronaphthalene[2-] Chlorophenyl-phenyl[4-] Ether Dibenzofuran Dichlorophenol[2,4-] Diethylphthalate Dimethyl phthalate Dimethylphenol[2,4-] Dinitrotoluene[2,4-] Dinitrotoluene[2,6-] Hexachlorocyclopentadiene Nitroaniline[2-] Nitroaniline[3-] Nitroaniline[4-] Nitrophenol[2-]	The reporting limits for these analytes should be regarded as estimated (UJ) because the associated laboratory control sample failed low.

Table C.5.2-2 (continued)
Data Quality Evaluation for Non-UST–Related Organic Analytes

Request	Sample ID	Location ID	Depth (ft)	Suite	Analyte	Explanation
9162R	MD21-01-0191 MD21-01-0192 MD21-01-0193 MD21-01-0194 MD21-01-0195 MD21-01-0196 MD21-01-0197	21-11264 21-11264 21-11263 21-11263 21-11263 21-11263 21-11263	0–0.3 6–7 1.5–2 2.5–3 2.5–3 4.5–5 5.9–6.3	SVOC	Aniline Benzyl alcohol Bis(2-chloroethoxy)methane Bis(2-chloroethyl)ether Chloroaniline[4-] Chlorophenol[2-] Dichlorobenzene[1,2-] Dichlorobenzene[1,3-] Dichlorobenzene[1,4-] Dinitro-2-methylphenol[4,6-] Hexachlorobutadiene Hexachloroethane Isophorone Methylphenol[2-] Methylphenol[4-] Nitrobenzene Nitroso-di-n-propylamine[N-] Nitrosodimethylamine[N-] Oxybis(1-chloropropane)[2,2'-] Pentachlorophenol Phenol Trichlorobenzene[1,2,4-]	The results for these analytes should be regarded as rejected (R) because the associated laboratory control sample failed less than 10%.
9162R	MD21-01-0192	21-11264	6–7	SVOC	Azobenzene Benzo(g,h,i)perylene Benzoic acid Bis(2-ethylhexyl)phthalate Bromophenyl-phenylether[4-] Butylbenzylphthalate Chloro-3-methylphenol[4-] Di-n-butylphthalate Di-n-octylphthalate Dichlorobenzidine[3,3'-] Dichlorophenol[2,4-] Dimethylphenol[2,4-] Hexachlorobenzene Hexachlorocyclopentadiene Indeno(1,2,3-cd)pyrene Nitrophenol[2-] Nitrosodiphenylamine[N-]	The reporting limits for these analytes should be regarded as estimated (UJ) because the surrogate recoveries associated with these analytes were low.
9162R	MD21-01-0193	21-11263	1.5–2	SVOC	Azobenzene Benzo(g,h,i)perylene Bromophenyl-phenylether[4-] Butylbenzylphthalate Di-n-butylphthalate Di-n-octylphthalate Dichlorobenzidine[3,3'-] Hexachlorobenzene Indeno(1,2,3-cd)pyrene Nitrosodiphenylamine[N-]	The reporting limits for these analytes should be regarded as estimated (UJ) because the surrogate recoveries associated with these analytes were low.

Table C.5.2-2 (continued)
Data Quality Evaluation for Non-UST–Related Organic Analytes

Request	Sample ID	Location ID	Depth (ft)	Suite	Analyte	Explanation
9162R	MD21-01-0193 MD21-01-0193	21-11263 21-11263	1.5–2 1.5–2	SVOC VOC	Bis(2-ethylhexyl)phthalate Trimethylbenzene[1,2,4-]	The results for these analytes should be regarded as estimated (J) because the results were less than the practical quantitation limit but above the method detection limit.
9162R	MD21-01-0194	21-11263	2.5–3	VOC	Trimethylbenzene[1,2,4-] Trimethylbenzene[1,3,5-]	The results for these analytes should be regarded as estimated and biased high (J+) because the surrogate recoveries associated with these analytes were high.
9162R	MD21-01-0195 MD21-01-0196 MD21-01-0197	21-11263 21-11263 21-11263	2.5–3 4.5–5 5.9–6.3	VOC	Trimethylbenzene[1,2,4-]	The result for this analyte should be regarded as estimated and biased high (J+) because the surrogate recovery associated with this analyte was high.
9162R	MD21-01-0195 MD21-01-0196 MD21-01-0197	21-11263 21-11263 21-11263	2.5–3 4.5–5 5.9–6.3	VOC	Trimethylbenzene[1,3,5-]	The reporting limits for this analyte should be regarded as estimated (UJ) because the internal standard recovery associated with this analyte was outside the method requirements.
9162R	MD21-01-0197	21-11263	5.9–6.3	SVOC	Benzoic acid Dichlorophenol[2,4-]	The reporting limits for these analytes should be regarded as estimated (UJ) because the associated laboratory control samples failed low but greater than 10%.
9164R	MD21-01-0198	21-11263	9.6–10.3	SVOC	All target analytes	The reporting limits for these analytes should be regarded as estimated (UJ) because the internal standard recoveries associated with these analytes were outside method requirements.
9164R	MD21-01-0199	21-11263	11.5–12	VOC	Trimethylbenzene[1,2,4-] Trimethylbenzene[1,3,5-]	The results for these analytes should be regarded as estimated and biased high (J+) because the surrogate recoveries associated with these analytes were high.
9164R	MD21-01-0200	21-11263	12.5–13	VOC	Trimethylbenzene[1,2,4-]	The result for this analyte should be regarded as estimated (J) because the result was less than the practical quantitation limit but above the method detection limit.
9164R	MD21-01-0201	21-11263	15.6–16.2	SVOC	Dibenzofuran	The result for this analyte should be regarded as estimated (J) because the result was less than the practical quantitation limit but above the method detection limit.
9167R	MD21-01-0206	21-11265	1.7–2	VOC	Trimethylbenzene[1,2,4-]	The result for this analyte should be regarded as estimated (J) because the result was less than the practical quantitation limit but above the method detection limit.

Table C.5.2-2 (continued)
Data Quality Evaluation for Non-UST–Related Organic Analytes

Request	Sample ID	Location ID	Depth (ft)	Suite	Analyte	Explanation
9170R	MD21-01-0205	21-11265	0–0.5	SVOC	Acenaphthylene Benzoic acid Bis(2-chloroethoxy)methane Chloro-3-methylphenol[4-] Chloroaniline[4-] Chlorophenyl-phenyl[4-] Ether Dibenzofuran Dichlorophenol[2,4-] Diethylphthalate Dimethyl Phthalate Dimethylphenol[2,4-] Dinitrophenol[2,4-] Dinitrotoluene[2,4-] Dinitrotoluene[2,6-] Hexachlorobutadiene Hexachlorocyclopentadiene Nitroaniline[2-] Nitroaniline[3-] Nitroaniline[4-] Nitrophenol[2-] Nitrophenol[4-] Trichlorobenzene[1,2,4-] Trichlorophenol[2,4,5-] Trichlorophenol[2,4,6-]	The reporting limits for these analytes should be regarded as estimated (UJ) because the internal standard recoveries associated with these analytes were outside method requirements.
9170R	MD21-01-0205	21-11265	0–0.5	VOC	Chlorobenzene Dichlorobenzene[1,4-] Dichloroethene[1,1-] Trichloroethene Trimethylbenzene[1,2,4-] Trimethylbenzene[1,3,5-]	The reporting limits for these analytes should be regarded as estimated (UJ) because the internal standard recoveries associated with these analytes were outside method requirements.

Table C-5.2-3
Data Quality Evaluation for Non-UST-Related Radionuclides

Request	Sample ID	Location ID	Depth (ft)	Suite	Analyte	Explanation
6875R	MD21-00-0076 MD21-00-0078	21-11123 21-11125	0–0.5 0–0.5	Am-241	Americium-241	The result for this analyte should be regarded as not detected (U) because the result was less than 3 times the 1-sigma total propagated uncertainty.
6875R	MD21-00-0076 MD21-00-0078	21-11123 21-11125	0–0.5 0–0.5	H^3	Tritium	The result for this analyte should be regarded as not detected (U) because the result was less than 3 times the 1-sigma total propagated uncertainty.
6875R	MD21-00-0076 MD21-00-0078	21-11123 21-11125	0–0.5 0–0.5	Isotopic plutonium	Plutonium-238 Plutonium-239	The results for these analytes should be regarded as not detected (U) because the results were less than 3 times the 1-sigma total propagated uncertainty.

Table C-5.2-3 (continued)
Data Quality Evaluation for Non-UST-Related Radionuclides

Request	Sample ID	Location ID	Depth (ft)	Suite	Analyte	Explanation
6875R	MD21-00-0076 MD21-00-0078	21-11123 21-11125	0–0.5 0–0.5	Sr-90	Strontium-90	The result for this analyte should be regarded as not detected (U) because the result was less than 3 times the 1-sigma total propagated uncertainty.
6901R	MD21-00-0079 MD21-00-0080 MD21-00-0081	21-11126 21-11127 21-11128	0–0.5 0–0.5 0–0.5	Am-241	Americium-241	The result for this analyte should be regarded as not detected (U) because the result was less than 3 times the 1-sigma total propagated uncertainty.
6901R	MD21-00-0079 MD21-00-0080 MD21-00-0081	21-11126 21-11127 21-11128	0–0.5 0–0.5 0–0.5	H^3	Tritium	The result for this analyte should be regarded as not detected (U) because the result was less than 3 times the 1-sigma total propagated uncertainty.
6901R	MD21-00-0079 MD21-00-0080 MD21-00-0081	21-11126 21-11127 21-11128	0–0.5 0–0.5 0–0.5	Isotopic plutonium	Plutonium-238 Plutonium-239	The results for these analytes should be regarded as not detected (U) because the results were less than 3 times the 1-sigma total propagated uncertainty.
6901R	MD21-00-0079 MD21-00-0080 MD21-00-0081	21-11126 21-11127 21-11128	0–0.5 0–0.5 0–0.5	Sr-90	Strontium-90	The result for this analyte should be regarded as not detected (U) because the result was less than 3 times the 1-sigma total propagated uncertainty.
6901R	MD21-00-0080	21-11127	0–0.5	Isotopic uranium	Uranium-235	The result for this analyte should be regarded as not detected (U) because the result was less than 3 times the 1-sigma total propagated uncertainty.
8861R	MD21-01-0078 MD21-01-0079	21-11240 21-11240	93–94	Am-241	Americium-241	The result for this analyte should be regarded as not detected (U) because the result was less than 3 times the 1-sigma total propagated uncertainty.
8861R	MD21-01-0078 MD21-01-0079	21-11240 21-11240	93–94 93–94	Gamma spectroscopy	Cesium-134 Cobalt-60 Europium-152 Ruthenium-106	The results for these analytes should be regarded as not detected (U) because the results were less than 3 times the 1-sigma total propagated uncertainty.
8861R	MD21-01-0078 MD21-01-0079	21-11240 21-11240	93–94 93–94	H^3	Tritium	The result for this analyte should be regarded as not detected (U) because the result was less than 3 times the 1-sigma total propagated uncertainty.
8861R	MD21-01-0078 MD21-01-0079	21-11240 21-11240	93–94 93–94	Isotopic plutonium	Plutonium-238 Plutonium-239	The results for these analytes should be regarded as not detected (U) because the results were less than 3 times the 1-sigma total propagated uncertainty.

Table C-5.2-3 (continued)
Data Quality Evaluation for Non-UST-Related Radionuclides

Request	Sample ID	Location ID	Depth (ft)	Suite	Analyte	Explanation
8861R	MD21-01-0078	21-11240	93–94	Isotopic uranium	Uranium-235	The result for this analyte should be regarded as not detected (U) because the result was less than 3 times the 1-sigma total propagated uncertainty.
8861R	MD21-01-0078	21-11240	93–94	Sr-90	Strontium-90	The result for this analyte should be regarded as not detected (U) because the result was less than 3 times the 1-sigma total propagated uncertainty.
8861R	MD21-01-0079	21-11240	93–94	Isotopic uranium	Uranium-235	The result for this analyte should be regarded as not detected (U) because the result was less than 5 times the result for this analyte in the blank.
8916R	MD21-01-0074 MD21-01-0075	21-11246 21-11246	0–0.5 0–0.5	Gamma spectroscopy	Cesium-134 Cobalt-60 Europium-152 Protactinium-233 Ruthenium-106	The results for these analytes should be regarded as not detected (U) because the results were less than 3 times the 1-sigma total propagated uncertainty.
8916R	MD21-01-0074	21-11246	0–0.5	H^3	Tritium	The result for this analyte should be regarded as not detected (U) because the result was less than the minimum detectable concentration.
8916R	MD21-01-0074 MD21-01-0075	21-11246 21-11246	0–0.5 0–0.5	Isotopic plutonium	Plutonium-238 Plutonium-239	The results for these analytes should be regarded as not detected (U) because the results were less than 3 times the 1-sigma total propagated uncertainty.
8916R	MD21-01-0074	21-11246	0–0.5	Isotopic uranium	Uranium-235	The result for this analyte should be regarded as not detected (U) because the result was less than 5 times the result for this analyte in the blank.
8916R	MD21-01-0074 MD21-01-0075	21-11246 21-11246	0–0.5 0–0.5	Sr-90	Strontium-90	The result for this analyte should be regarded as not detected (U) because the result was less than 3 times the 1-sigma total propagated uncertainty.
8916R	MD21-01-0075	21-11246	0–0.5	Am-241	Americium-241	The result for this analyte should be regarded as not detected (U) because the result was less than 3 times the 1-sigma total propagated uncertainty.
8916R	MD21-01-0075	21-11246	0–0.5	Isotopic uranium	Uranium-235	The result for this analyte should be regarded as not detected (U) because the result was less than 3 times the 1-sigma total propagated uncertainty.

C-6.0 REFERENCES

The following list includes all references cited in this appendix. Parenthetical information following each reference provides the author, publication date, and the ER record identification (ER ID) number. This information also is included in the citations in the text. ER ID numbers are assigned by 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.

EPA (US Environmental Protection Agency), February 1994. "USEPA 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 1999, 66649)

EPA (US Environmental Protection Agency), October 1999. "USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review," EPA-540/R-99-008, 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

APPENDIX D ANALYTICAL SUITES AND RESULTS

D-1.0 TARGET ANALYTES AND DETECTION LIMITS

Routine analytical services, through the Los Alamos National Laboratory (Laboratory) Sample Management Office, were used for this Phase II Resource Conservation and Recovery Act (RCRA) facility investigation (RFI). Applicable information was taken from the statement of work (LANL 1995, 49738) that analytical laboratories must follow and updated to agree with the Environmental Restoration (ER) Project Quality Assurance Project Plan (LANL 1996, 55574, Chapter 4). All routine analyses were performed; no deviations were requested or noted in the analytical data packages.

Tables D-1.0-1 through D-1.0-9 present the estimated detection limits (EDLs) or estimated quantitation limits (EQLs) for the underground storage tank (UST)-related analytes and non-UST-related analytes for the suites sampled. In most cases, the limits for analytes were significantly lower than the detection or quantitation limits reported in these tables.

D-1.1 Inorganic Analyses

Tables D-1.0-1 and D-1.0-2 list the target analytes and EDLs for UST-related and non-UST-related (lead only) inorganic chemical analyses, respectively. Inductively coupled plasma emission spectroscopy (ICPES) is generally used for sample analysis; however, if the EDL is exceeded or false positives are known to be a problem, the analytical laboratory must use graphite furnace atomic absorption (GFAA) techniques (e.g., Method 7841 for thallium and Method 7421 for lead) or inductively coupled plasma mass spectroscopy (ICPMS) (e.g., SW-846 Method 6020).

D-1.2 Radiochemical Analyses

Table D-1.0-3 lists target analytes, EQLs, and techniques for radiochemical analyses. The methods utilized by the analytical laboratory for the analyses must be submitted to the Laboratory for approval.

D-1.3 Organic Analyses

Tables D-1.0-4 and D-1.0-5 list the target analytes and EQLs for UST-related and non-UST-related volatile organic compound (VOC) analyses, respectively. The Environmental Protection Agency (EPA) method for analysis of VOCs is SW-846 Method 8260B, Revision 2, December 1996, "Volatile Organic Compounds by Gas Chromatography (GC/MS)." This method is based on purge and trap sample extraction/concentration followed by gas chromatography/mass spectrometry (GC/MS) analysis.

Tables D-1.0-6 and D-1.0-7 list the target analytes and EQLs for UST-related and non-UST-related semivolatile organic compound (SVOC) analyses, respectively. The EPA method is SW-846 Method 8270C, Revision 2, December 1996, "Semivolatile Organic Compounds by Gas Chromatography (GC/MS)." This method is based on solvent extraction, concentration, and GC/MS detection and quantitation.

Table D-1.0-8 lists target analytes and EQLs for organochlorine pesticide analyses. The EPA method is SW-846 Method 8081A, Revision 1, December 1996, "Organochlorine Pesticides by Gas Chromatography." This method is based on solvent extraction, concentration, and GC/electron capture detection and quantitation. Table D-1.0-8 also lists target analytes and EQLs for polychlorinated biphenyl (PCB) analyses. The EPA Method is SW-846 Method 8082, Revision 0, December 1996, "Polychlorinated Biphenyls (PCBs) by Gas Chromatography." This method is based on solvent extraction, concentration, and GC/electron capture detection and quantitation.

Table D-1.0-9 lists target analytes and EQLs for total petroleum hydrocarbon (TPH) analyses. The EPA Method is SW-846 Method 8015B, Revision 2, December 1996, "Nonhalogenated Organics Using

GC/FID." This method is based on solvent extraction, concentration, and GC/flame ionization detection and quantitation.

Table D-1.0-1
Target Analytes and EDLS for UST-Related Inorganic Chemical Analyses

Analyte	Soil EDL (mg/kg)*
ICPES	
Lead	0.6

* Soil EDLs for ICPES, GFAA, and ICPMS analytes are based upon a 0.2-g sample taken to a final volume of 200 mL. Soil EDLs for cold vapor atomic absorption are based upon a 0.2-g sample taken to a final volume of 100 mL. Soil EDLs for CLP ILM03.0 Method 335.2 (cyanide) are based upon a 5-g sample taken to a final volume of 250 mL. The laboratory may vary weights and final volumes for metals and cyanide analyses; however, any allowable variance must still meet the EDL.

Table D-1.0-2
Target Analytes and EDLS for Non-UST-Related Inorganic Chemical Analyses

Analyte	Soil EDL (mg/kg)*
ICPES	
Aluminum	40
Antimony	12
Barium	40
Beryllium	1.0
Cadmium	1.0
Calcium	1000
Chromium	2.0
Cobalt	10
Copper	5.0
Iron	20
Magnesium	1000
Manganese	3.0
Nickel	8.0
Potassium	1000
Silver	2.0
Sodium	1000
Vanadium	10
Zinc	4.0
GFAA, ICPMS	
Arsenic	2.0
Lead	0.2
Selenium	1.0
Thallium	2.0
Cold vapor atomic absorption	
Mercury	0.1
SW-846 9010, 9010A, 9012, EPA 335.2	
Total cyanide	0.05

* Soil EDLs for ICPES, GFAA, and ICPMS analytes are based upon a 0.2-g sample taken to a final volume of 200 mL. Soil EDLs for cold vapor atomic absorption are based upon a 0.2-g sample taken to a final volume of 100 mL. Soil EDLs for CLP ILM03.0 Method 335.2 (cyanide) are based upon a 5-g sample taken to a final volume of 250 mL. The laboratory may vary weights and final volumes for metals and cyanide analyses; however, any allowable variance must still meet the EDL.

Table D-1.0-3
Target Analytes, EQLS, and Required Techniques for Radiochemical Analyses

Analyte	Soil EQL (pCi/g)	Technique[a]
Strontium-90[b]	2.0	Gas proportional
Americium-241	0.1	Alpha spectroscopy
Plutonium-238, -239	0.1	Alpha spectroscopy
Uranium-234, -235	0.1	Alpha spectroscopy
Tritium	300 pCi/L	Liquid scintillation
Multiple isotopes	Americium-241: 1.0 Cesium-137: 1.0	Gamma spectroscopy

[a] The Laboratory methods for these analytes are contained in LA-10300-M, "Health and Environmental Chemistry: Analytical Techniques, Data Management, and Quality Assurance" (LANL 1993, 31793, 31794, and 31795).
[b] It may be presumed that strontium-89 is not present.

Table D-1.0-4
Target Analytes and EQLS for UST-Related VOC Analyses

VOC	Soil/Solids EQL (µg/kg)	VOC	Soil/Solids EQL (µg/kg)
1,2-Dichloroethane	5.0	Toluene	5.0
Benzene	5.0	1,2-Dibromoethane	5.0
Ethylbenzene	5.0	o,m,p-Xylene (mixed)	5.0

Table D-1.0-5
Target Analytes and EQLs for Non-UST-Related VOC Analyses

VOC	Soil/Solids EQL (µg/kg)	VOC	Soil/Solids EQL (µg/kg)
Chloromethane	10	1,3-Dichloropropane	5.0
Vinyl chloride	10	Chlorodibromomethane	5.0
Bromomethane	10	4-Methyl-2-Pentanone	20
Chloroethane	10	2-Hexanone	20
Acetone	20	Tetrachloroethene	5.0
Dichlorodifluoromethane	10	Chlorobenzene	5.0
Iodomethane	5.0	1,1,1,2-Tetrachloroethane	5.0
Trichlorotrifluoroethane	5.0	Styrene	5.0
Trichlorofluoromethane	5.0	Bromoform	5.0
Methylene chloride	5.0	1,1,2,2-Tetrachloroethane	5.0
1,1-Dichloroethene	5.0	1 2,3-Trichloropropane	5.0
Carbon disulfide	5.0	Isopropylbenzene	5.0
1,1-Dichloroethane	5.0	n-Propylbenzene	5.0
1,2-Dichloroethene (total)	10	2-Chlorotoluene	5.0
Bromochloromethane	5.0	4-Chlorotoluene	5.0
Chloroform	5.0	1,3,5-Trimethylbenzene	5.0
1,1-Dichloropropene	5.0	tert-Butylbenzene	5.0

Table D-1.0-5 (continued)

VOC	Soil/Solids EQL (µg/kg)	VOC	Soil/Solids EQL (µg/kg)
2-Butanone	20	sec-Butylbenzene	5.0
2,2-Dichloropropane	5.0	1,3-Dichlorobenzene	5.0
1,1,1-Trichloroethane	5.0	1,4-Dichlorobenzene	5.0
Carbon tetrachloride	5.0	p-Isopropyltoluene	5.0
1,2-Dichloropropane	5.0	1,2-Dichlorobenzene	5.0
Trichloroethene	5.0	n-Butylbenzene	5.0
Dibromomethane	5.0	1 ,2-Dibromo-3-Chloropropane	10
Bromodichloromethane	5.0	1,2,4-Trimethylbenzene	5.0
trans-1,3-Dichloropropene	5.0	Bromobenzene	5.0
cis-1,3-Dichloropropene	5.0	1,1,2-Trichloroethane	5.0

Table D-1.0-6
Target Analytes and EQLS for UST-Related SVOCS

SVOC	Soil/Solids EQL (µg/kg)*	SVOC	Soil/Solids EQL (µg/kg)*
Acenaphthene	330	Fluorene	330
Anthracene	330	Fluoranthene	330
Benzo(a)anthracene	330	2-Methylnaphthalene	330
Benzo(b)fluoranthene	330	Naphthalene	330
Benzo(a)pyrene	330	Phenanthrene	330
Chrysene	330	Pyrene	330
Dibenz(a,h)anthracene	330		

* Soil EQLs are based on no gel permeation chromatography (GPC) being performed. The laboratories' GPC equipment will determine what the EQL is, based on the volume of extract the GPC equipment uses. However, if possible, in order to provide the lowest possible quantitation limits, the laboratories should concentrate the GPC extract to a volume that makes the EQL for a sample that underwent GPC cleanup no more than twice the listed EQL.

Table D-1.0-7
Target Analytes and EQLS for Non-UST-Related SVOCS

SVOC	Soil/Solids EQL (µg/kg)*	SVOC	Soil/Solids EQL (µg/kg)*
Acenaphthylene	330	Di-n-octyl phthalate	330
Aniline	660	2,4-Dinitrotoluene	330
Azobenzene	660	2,6-Dinitrotoluene	330
Benzoic acid	3300	Bis(2-ethylhexyl)phthalate	330
Benzo(k)fluoranthene	330	Hexachlorobenzene	330
Benzo(g,h,i)perylene	330	Hexachlorobutadiene	330
Benzyl alcohol	1300	Hexachlorocyclopentadiene	330
Bis(2-chloroethoxy)methane	330	Hexachloroethane	330

Table D-1.0-7 (continued)

SVOC	Soil/Solids EQL (µg/kg)*	SVOC	Soil/Solids EQL (µg/kg)*
Bis(2-chloroethyl)ether	330	Indeno(1,2,3-cd)pyrene	330
4-Bromophenyl phenylether	330	Isophorone	330
Butylbenzylphthalate	330	2-Methylphenol	330
4-Chloroaniline	1300	4-Methylphenol	330
4-Chloro-3-methylphenol	660	2-Nitroaniline	1600
2-Chloronaphthalene	330	3-Nitroaniline	1600
2-Chlorophenol	330	4-Nitroaniline	660
4-Chlorophenyl phenylether	330	Nitrobenzene	330
Dibenzofuran	330	2-Nitrophenol	330
1,2-Dichlorobenzene	330	4-Nitrophenol	1600
1,3-Dichlorobenzene	330	N-Nitrosodimethylamine	330
1,4-Dichlorobenzene	330	N-Nitrosodiphenylamine	330
3,3'-Dichlorobenzidine	660	N-Nitroso-di-n-propylamine	330
2,4-Dichlorophenol	330	2,2'-oxybis(1-Chloropropane)	330
Diethyl phthalate	330	Pentachlorophenol	1600
Dimethyl phthalate	330	Phenol	330
2,4-Dimethylphenol	330	1,2,4-Trichlorobenzene	330
2,4-Dinitrophenol	1600	2,4,5-Trichlorophenol	1600
4,6-Dinitro-2-methylphenol	1600	2,4,6-Trichlorophenol	330
Di-n-butylphthalate	330		

* Soil EQLs are based on no GPC being performed. The laboratories' GPC equipment will determine what the EQL is, based on the volume of extract the GPC equipment uses. However, if possible, in order to provide the lowest possible quantitation limits, the laboratories should concentrate the GPC extract to a volume that makes the EQL for a sample that underwent GPC cleanup no more than twice the listed EQL.

Table D-1.0-8
Target Analytes and EQLS for Organochlorine Pesticide/PCB Analyses

Pesticides and Aroclors	EQL (µg/L)	Pesticides and Aroclors	EQL (µg/L)
Aldrin	0.05	Endrin	0.1
α-BHC	0.05	Endrin ketone	0.1
β-BHC	0.05	Endrin aldehyde	0.1
δ-BHC	0.05	Heptachlor	0.05
γ-BHC (lindane)	0.05	Heptachlor epoxide	0.05
α-Chlordane	0.05	Methoxychlor	0.5
γ-Chlordane	0.05	Toxaphene	5.0
4,4'-DDD	0.1	Aroclor-1016	1.0
4,4'-DDE	0.1	Aroclor-1221	2.0
4,4'-DDT	0.1	Aroclor-1232	1.0
Dieldrin	0.1	Aroclor-1242	1.0
Endosulfan I	0.05	Aroclor-1248	1.0
Endosulfan II	0.1	Aroclor-1254	1.0
Endosulfan sulfate	0.1	Aroclor-1260	1.0

Table D-1.0-9
Target Analytes and EQLS for TPH Analyses

Analyte	Soil EQL (mg/kg)
SW-846 Method 8015	
TPH gasoline-range organic	0.1
TPH diesel-range organic	25

D-2.0 ANALYTE SUITES AND REQUEST NUMBERS

This section presents the analytical data collected at the DP Tank Farm site, Potential Release Site (PRS) 21-029, and in DP Canyon Western and Eastern Investigation Areas. The analytical data available in the Facility for Information Management, Analysis, and Display (FIMAD) were manually verified by FIMAD centralized data management personnel against hard copy data packages from the analytical laboratories. During entry of focused validation qualifiers, the data steward reviewed entries against analytical report hard copies and ER Project baseline validation reports. Any inconsistencies found were corrected locally, summarized, and submitted to centralized data management personnel for correction in FIMAD.

Tables in Section 3.4.4 of this report present the analyte suites and request numbers for each sample collected during this investigation at the DP Tank Farm site, PRS 21-029, and at the DP Canyon Western Seep and Eastern Seep Investigation Areas. Each request number includes a batch of samples sent to a specific off-site analytical laboratory for a specific suite of analyses, and the request numbers can be used to track the original data packages from the off-site analytical laboratories. These tables present the following information for each sample: location ID, sample depth, and sample media. Tables D-2.0-1 and D-2.0-2 list the request numbers and analytical laboratories that analyzed each batch of samples for UST-related and non-UST-related analytes, respectively.

Table D-2.0-1
DP Tank Farm Request Numbers and Analytical Laboratories for UST-Related Analytes

Request Number	Laboratory
6872R	Paragon/ATI
6874R	Paragon/ATI
6883R	Paragon/ATI
6898R	Paragon/ATI
6900R	Paragon/ATI
6934R	Paragon/ATI
7045R	RECRA
7047R	Kemron
7056R	RECRA
7058R	Kemron
7130R	RECRA Weston
7132R	Kemron
7136R	RECRA
7138R	Kemron
7200R	Weston
7202R	Kemron
7229R	Weston
7231R	Kemron
7241R	Weston
7243R	Weston
7245R	RECRA Weston
7247R	RECRA

Request Number	Laboratory
8862R	Severn Trent
8863R	Severn Trent
8874R	Severn Trent
8875R	Severn Trent
8877R	Severn Trent
8878R	Severn Trent
8880R	Severn Trent
8881R	Severn Trent
8887R	Severn Trent
8888R	Severn Trent
8900R	Severn Trent
8901R	Severn Trent
8914R	Severn Trent
8915R	Severn Trent
8931R	Severn Trent
8932R	Severn Trent
8933R	Severn Trent
8934R	Severn Trent
8937R	Severn Trent
8938R	Severn Trent
8939R	Severn Trent
8940R	Severn Trent

7255R	RECRA
7257R	Kemron
7259R	RECRA
7261R	Kemron
7331R	RECRA
7333R	Kemron
7919R	Kemron, Weston
7921R	Kemron
8733R	Severn Trent
8734R	Severn Trent
8767R	Severn Trent
8768R	Severn Trent
8779R	Severn Trent
8780R	Severn Trent
8801R	Severn Trent
8802R	Severn Trent
8816R	Severn Trent
8817R	Severn Trent
8820R	Severn Trent
8828R	Severn Trent
8839R	Severn Trent
8840R	Severn Trent
8859R	Severn Trent
8860R	Severn Trent

8951R	Severn Trent
8952R	Severn Trent
8966R	Severn Trent
8967R	Severn Trent
8986R	Severn Trent
8987R	Severn Trent
8988R	Severn Trent
8989R	Severn Trent
9086R	Severn Trent
9087R	Severn Trent
9088R	Severn Trent
9089R	Severn Trent
9090R	Severn Trent
9091R	Severn Trent
9092R	Severn Trent
9093R	Severn Trent
9162R	Severn Trent
9163R	Severn Trent
9164R	Severn Trent
9165R	Severn Trent
9167R	Severn Trent
9168R	Severn Trent
9170R	Severn Trent
9171R	Severn Trent

Table D-2.0-2
DP Tank Farm Request Numbers and Analytical Laboratories for Non-UST-Related Analytes

Request Number	Laboratory
6872R	Paragon/ATI
6873R	Severn Trent Lab
6874R	Paragon/ATI
6875R	Paragon/ATI
6898R	Paragon/ATI
6900R	Paragon/ATI
6901R	Paragon/ATI
6934R	Paragon/ATI
7045R	RECRA
7046R	Severn Trent Lab
7047R	KEMRON
7056R	RECRA
7057R	Severn Trent Lab
7058R	KEMRON
7130R	RECRA
7131R	GEL
7132R	KEMRON
7136R	RECRA
7137R	Severn Trent Lab
7138R	KEMRON
7200R	WESTON
7201R	GEL
7202R	KEMRON
7229R	WESTON
7230R	GEL
7231R	KEMRON
7241R	WESTON
7242R	GEL
7243R	WESTON
7245R	RECRA
7246R	Severn Trent Lab

Request Number	Laboratory
8828R	Severn Trent Lab
8839R	Severn Trent Lab
8840R	Severn Trent Laboratory, St. Louis
8859R	Severn Trent Lab
8860R	Severn Trent Laboratory, St. Louis
8861R	Severn Trent Laboratory, St. Louis
8862R	Severn Trent Lab
8863R	Severn Trent Lab
8874R	Severn Trent Lab
8875R	Severn Trent Lab
8877R	Severn Trent Lab
8878R	Severn Trent Laboratory, St. Louis
8880R	Severn Trent Lab
8881R	Severn Trent Laboratory, St. Louis
8887R	Severn Trent Lab
8888R	Severn Trent Laboratory, St. Louis
8900R	Severn Trent Lab
8901R	Severn Trent Lab
8914R	Severn Trent Lab
8915R	Severn Trent Lab
8916R	Severn Trent Lab
8931R	Severn Trent Lab
8932R	Severn Trent Lab
8933R	Severn Trent Lab
8934R	Severn Trent Lab
8937R	Severn Trent Lab
8938R	Severn Trent Lab
8939R	Severn Trent Lab
8940R	Severn Trent Lab
8951R	Severn Trent Lab
8952R	Severn Trent Lab

7247R	RECRA
7255R	RECRA
7256R	Severn Trent Lab
7257R	KEMRON
7259R	RECRA
7260R	GEL
7261R	KEMRON
7331R	RECRA
7332R	GEL
7333R	KEMRON
7919R	KEMRON
7919R	WESTON
7920R	Severn Trent Lab
7921R	KEMRON
8733R	Severn Trent Laboratory, St. Louis
8734R	Severn Trent Laboratory, St. Louis
8767R	Severn Trent Laboratory, St. Louis
8768R	Severn Trent Laboratory, St. Louis
8779R	Severn Trent Laboratory, St. Louis
8780R	Severn Trent Laboratory, St. Louis
8801R	Severn Trent Lab
8802R	Severn Trent Laboratory, St. Louis
8816R	Severn Trent Laboratory, St. Louis
8817R	Severn Trent Laboratory, St. Louis
8820R	Severn Trent Lab

8966R	Severn Trent Lab
8967R	Severn Trent Lab
8986R	Severn Trent Lab
8987R	Severn Trent Lab
8988R	Severn Trent Lab
8989R	Severn Trent Lab
9086R	Severn Trent Lab
9087R	Severn Trent Lab
9088R	Severn Trent Lab
9089R	Severn Trent Lab
9090R	Severn Trent Lab
9091R	Severn Trent Lab
9092R	Severn Trent Lab
9093R	Severn Trent Lab
9162R	Severn Trent Lab
9163R	Severn Trent Lab
9164R	Severn Trent Lab
9165R	Severn Trent Lab
9167R	Severn Trent Lab
9168R	Severn Trent Lab
9170R	Severn Trent Lab
9171R	Severn Trent Lab

D-3.0 SUMMARY OF DP TANK FARM UST-RELATED ANALYSES

Table D-3.0-1 presents a list of UST-related analytes that were evaluated during the Phase II RFI activities at the DP Tank Farm site. Tables in Section 3.4.4 of this report present summaries of the UST-related analyses for the samples collected on the mesa top and in the DP Canyon Western Seep and Eastern Seep Investigation Areas. These tables present the number of samples taken, the detection frequency, and concentration range for each analyte.

Table D-3.0-1
Chemicals of Concern for Different Product Releases

Chemicals	Gasoline	Diesel/Light Fuel Oils
Organics		
Benzene	X[a]	X
Toluene	X	X
Ethylbenzene	X	X
Xylenes (total)	X	X
1,2-Dibromoethane Ethylene dibromide	X[b]	NC[c]
1,2 –Dichloroethane Ethylene dichloride	X[b]	NC
Methyl-tert-butyl-ether	X	NC
Acenaphthene	NC	X
Anthracene	NC	X
Benz(a)anthracene	NC	X
Benzo(a)pyrene	NC	X
Benzo(b)fluoranthene	NC	X

Table D-3.0-1 (continued)

Chemicals	Gasoline	Diesel/Light Fuel Oils
Benzo(k)fluoranthene	NC	X
Chrysene	NC	X
Dibenz(a,h)anthracene	NC	X
Fluoranthene	NC	X
Fluorene	NC	X
Total naphthalenes (naphthalene + monomethyl naphthalene isomers)	X	X
Phenanthrene	NC	X
Pyrene	NC	X
TPH	X	X
Metals		
Lead	X[b]	NC

[a] X = Chemical of concern to be analyzed.

[b] Chemical of concern for leaded gasoline and aviation gas release.

[c] NC = not a chemical of concern.

D-4.0 SUMMARY OF ANALYTICAL RESULTS FOR DP TANK FARM UST-RELATED ANALYSES

Tables in Section 3.4.4 present summaries of analytical results for the UST-related analyses for constituents identified as chemicals of potential concern for samples from the mesa top and the DP Canyon Western Seep and Eastern Seep Investigation Areas. The tables list the analytes whose concentrations equal or exceed the background values. The data qualifiers are discussed in Appendix C.

D-5.0 ANALYTICAL RESULTS FOR DP TANK FARM UST-RELATED ANALYSES

Tables D-5.0-1 through D-5.0-3 present analytical results for the UST-related analyses of samples from the mesa top and the DP Canyon Western Seep and Eastern Seep Investigation Areas. The data set is being submitted in electronic format to the New Mexico Environment Department (NMED) Hazardous Waste Bureau, the Department of Energy (DOE), and the ER Project Records Processing Facility. Copies of the reports that include electronic versions of the data set can be recognized by the notation "Data disks included with this copy," which is clearly displayed on the covers.

D-6.0 ANALYTICAL RESULTS FOR DP TANK FARM NON-UST-RELATED ANALYSES

Table D-6.0-1 presents analytical results for the non-UST-related analyses of samples from the mesa top and the DP Canyon Western Seep and Eastern Seep Investigation Areas. The data set is being submitted in electronic format to the NMED Hazardous Waste Bureau, the DOE, and the ER Project Records Processing Facility. Copies of the reports that include electronic versions of the data set can be recognized by the notation "Data disks included with this copy," which is clearly displayed on the covers.

Table D-5.0-1
UST Analytical Results for DP Tank Farm Mesa Top, PRS 21-029

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result (mg/kg)	Report Qualifier
21-11141	MD21-00-0061	0–1	Fill	Lead	23.8	None
21-11141	MD21-00-0062	4–5	Fill	Lead	22.6	None

Table D-5.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result (mg/kg)	Report Qualifier
21-11150	MD21-00-0101	64–65	Qbt 3	Lead	3.5	J
21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Lead	5.1	J
21-11151	MD21-00-0103	24–25	Qbt 3	Lead	3.19	J
21-11151	MD21-00-0104	95–96	Qbt 3	Lead	2.9	J
21-11151	MD21-00-0105	105–105.5	Qbt 3	Lead	3.2	J
21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Lead	3.1	J
21-11153	MD21-00-0109	49–50	Qbt 3	Lead	15.4	None
21-11153	MD21-00-0110	94–95	Qbt 2	Lead	5	None
21-11154	MD21-00-0111	49–50	Qbt 3	Lead	2.4	None
21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Lead	2.9	None
21-11155	MD21-00-0113	54–55	Qbt 3	Lead	2.8	None
21-11155	MD21-00-0114	87.5–90	Qbt 3	Lead	2.3	None
21-11156	MD21-00-0115	9–10	Qbt 3	Lead	3.5	None
21-11156	MD21-00-0116	60–61	Qbt 3	Lead	2.5	None
21-11156	MD21-00-0117	99–100	Qbt 3	Lead	2.7	None
21-11240	MD21-01-0078	93–94	Qbt 3	Lead	4.1	None
21-11240	MD21-01-0079	93–94	Qbt 3	Lead	3.4	None
21-11232	MD21-01-0108	6.3–6.6	Qbt 3	Lead	8.7	None
21-11232	MD21-01-0109	10–11	Qbt 3	Lead	10.3	None
21-11232	MD21-01-0112	21.7–22.5	Qbt 3	Lead	13.8	None
21-11240	MD21-01-0113	46.7–47	Qbt 3	Lead	7.6	None
21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Lead	3.3	None
21-11244	MD21-01-0126	9–10	Fill	Lead	43.5	J+
21-11244	MD21-01-0127	104–104.5	Qbt 2	Lead	3.4	J+
21-11244	MD21-01-0128	39–40	Qbt 3	Lead	7.5	J+
21-11245	MD21-01-0129	34–35	Qbt 3	Lead	7.6	J+
21-11245	MD21-01-0130	64–65	Qbt 3	Lead	6.4	J+
21-11245	MD21-01-0131	69–70	Qbt 3	Lead	4.8	J+
21-11245	MD21-01-0132	79–80	Qbt 3	Lead	5.2	J+
21-11245	MD21-01-0133	84–85	Qbt 3	Lead	5	J+
21-11245	MD21-01-0134	89–90	Qbt 3	Lead	7.6	J+
21-11245	MD21-01-0135	103–104	Qbt 3	Lead	4.4	J+
21-11245	MD21-01-0136	103–104	Qbt 3	Lead	4.2	J+
21-11247	MD21-01-0140	1.5–2	Fill	Lead	13.8	J-
21-11247	MD21-01-0141	5.5–6	Fill	Lead	11.5	J-
21-11141	MD21-00-0061	0–1	Fill	Acenaphthene	0.69	U
21-11141	MD21-00-0061	0–1	Fill	Anthracene	0.69	U
21-11141	MD21-00-0061	0–1	Fill	Benzo(a)anthracene	0.11	J
21-11141	MD21-00-0061	0–1	Fill	Benzo(a)pyrene	0.14	J
21-11141	MD21-00-0061	0–1	Fill	Benzo(b)fluoranthene	0.13	J
21-11141	MD21-00-0061	0–1	Fill	Benzo(k)fluoranthene	0.14	J
21-11141	MD21-00-0061	0–1	Fill	Chrysene	0.13	J
21-11141	MD21-00-0061	0–1	Fill	Dibenz(a,h)anthracene	0.69	U
21-11141	MD21-00-0061	0–1	Fill	Fluoranthene	0.21	J
21-11141	MD21-00-0061	0–1	Fill	Fluorene	0.69	U
21-11141	MD21-00-0061	0–1	Fill	Methylnaphthalene[2-]	0.69	U
21-11141	MD21-00-0061	0–1	Fill	Naphthalene	0.69	U

Table D-5.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result (mg/kg)	Report Qualifier
21-11141	MD21-00-0061	0–1	Fill	Phenanthrene	0.056	J
21-11141	MD21-00-0061	0–1	Fill	Pyrene	0.17	J
21-11141	MD21-00-0061	0–1	Fill	Diesel-range organics	12	U
21-11141	MD21-00-0061	0–1	Fill	Gasoline-range organics	0.04	UJ
21-11141	MD21-00-0061	0–1	Fill	Benzene	0.006	U
21-11141	MD21-00-0061	0–1	Fill	Dibromoethane[1,2-]	0.006	U
21-11141	MD21-00-0061	0–1	Fill	Dichloroethane[1,2-]	0.006	U
21-11141	MD21-00-0061	0–1	Fill	Ethylbenzene	0.006	U
21-11141	MD21-00-0061	0–1	Fill	Toluene	0.002	J
21-11141	MD21-00-0061	0–1	Fill	Xylene (total)	0.006	U
21-11141	MD21-00-0062	4–5	Fill	Acenaphthene	0.7	UJ
21-11141	MD21-00-0062	4–5	Fill	Anthracene	0.7	UJ
21-11141	MD21-00-0062	4–5	Fill	Benzo(a)anthracene	0.7	UJ
21-11141	MD21-00-0062	4–5	Fill	Benzo(a)pyrene	0.7	UJ
21-11141	MD21-00-0062	4–5	Fill	Benzo(b)fluoranthene	0.7	UJ
21-11141	MD21-00-0062	4–5	Fill	Benzo(k)fluoranthene	0.7	UJ
21-11141	MD21-00-0062	4–5	Fill	Chrysene	0.7	UJ
21-11141	MD21-00-0062	4–5	Fill	Dibenz(a,h)anthracene	0.7	UJ
21-11141	MD21-00-0062	4–5	Fill	Fluoranthene	0.7	UJ
21-11141	MD21-00-0062	4–5	Fill	Fluorene	0.7	UJ
21-11141	MD21-00-0062	4–5	Fill	Methylnaphthalene[2-]	0.7	UJ
21-11141	MD21-00-0062	4–5	Fill	Naphthalene	0.7	UJ
21-11141	MD21-00-0062	4–5	Fill	Phenanthrene	0.7	UJ
21-11141	MD21-00-0062	4–5	Fill	Pyrene	0.7	UJ
21-11141	MD21-00-0062	4–5	Fill	Diesel-range organics	13	U
21-11141	MD21-00-0062	4–5	Fill	Gasoline-range organics	0.044	UJ
21-11141	MD21-00-0062	4–5	Fill	Benzene	0.006	U
21-11141	MD21-00-0062	4–5	Fill	Dibromoethane[1,2-]	0.006	U
21-11141	MD21-00-0062	4–5	Fill	Dichloroethane[1,2-]	0.006	U
21-11141	MD21-00-0062	4–5	Fill	Ethylbenzene	0.006	U
21-11141	MD21-00-0062	4–5	Fill	Toluene	0.006	U
21-11141	MD21-00-0062	4–5	Fill	Xylene (total)	0.006	U
21-11150	MD21-00-0101	64–65	Qbt 3	Acenaphthene	0.34	U
21-11150	MD21-00-0101	64–65	Qbt 3	Anthracene	0.34	U
21-11150	MD21-00-0101	64–65	Qbt 3	Benzo(a)anthracene	0.34	U
21-11150	MD21-00-0101	64–65	Qbt 3	Benzo(a)pyrene	0.34	U
21-11150	MD21-00-0101	64–65	Qbt 3	Benzo(b)fluoranthene	0.34	U
21-11150	MD21-00-0101	64–65	Qbt 3	Benzo(k)fluoranthene	0.34	U
21-11150	MD21-00-0101	64–65	Qbt 3	Chrysene	0.34	U
21-11150	MD21-00-0101	64–65	Qbt 3	Dibenz(a,h)anthracene	0.34	U
21-11150	MD21-00-0101	64–65	Qbt 3	Fluoranthene	0.34	U
21-11150	MD21-00-0101	64–65	Qbt 3	Fluorene	0.34	U
21-11150	MD21-00-0101	64–65	Qbt 3	Methylnaphthalene[2-]	0.34	U
21-11150	MD21-00-0101	64–65	Qbt 3	Naphthalene	0.34	U
21-11150	MD21-00-0101	64–65	Qbt 3	Phenanthrene	0.34	U
21-11150	MD21-00-0101	64–65	Qbt 3	Pyrene	0.34	U
21-11150	MD21-00-0101	64–65	Qbt 3	Diesel-range organics	12	UJ

Table D-5.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result (mg/kg)	Report Qualifier
21-11150	MD21-00-0101	64–65	Qbt 3	Gasoline-range organics	0.04	UJ
21-11150	MD21-00-0101	64–65	Qbt 3	Benzene	0.006	U
21-11150	MD21-00-0101	64–65	Qbt 3	Dibromoethane[1,2-]	0.006	U
21-11150	MD21-00-0101	64–65	Qbt 3	Dichloroethane[1,2-]	0.006	U
21-11150	MD21-00-0101	64–65	Qbt 3	Ethylbenzene	0.006	U
21-11150	MD21-00-0101	64–65	Qbt 3	Toluene	0.006	U
21-11150	MD21-00-0101	64–65	Qbt 3	Xylene (total)	0.006	U
21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Acenaphthene	0.34	U
21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Anthracene	0.34	U
21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Benzo(a)anthracene	0.34	U
21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Benzo(a)pyrene	0.34	U
21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Benzo(b)fluoranthene	0.34	U
21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Benzo(k)fluoranthene	0.34	U
21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Chrysene	0.34	U
21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Dibenz(a,h)anthracene	0.34	U
21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Fluoranthene	0.34	U
21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Fluorene	0.34	U
21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Methylnaphthalene[2-]	0.34	U
21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Naphthalene	0.34	U
21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Phenanthrene	0.34	U
21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Pyrene	0.34	U
21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Diesel-range organics	12	UJ
21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Gasoline-range organics	0.04	UJ
21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Benzene	0.007	U
21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Dibromoethane[1,2-]	0.007	U
21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Dichloroethane[1,2-]	0.007	U
21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Ethylbenzene	0.007	U
21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Toluene	0.007	U
21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Xylene (total)	0.007	U
21-11151	MD21-00-0103	24–25	Qbt 3	Acenaphthene	0.34	U
21-11151	MD21-00-0103	24–25	Qbt 3	Anthracene	0.34	U
21-11151	MD21-00-0103	24–25	Qbt 3	Benzo(a)anthracene	0.34	U
21-11151	MD21-00-0103	24–25	Qbt 3	Benzo(a)pyrene	0.34	U
21-11151	MD21-00-0103	24–25	Qbt 3	Benzo(b)fluoranthene	0.34	U
21-11151	MD21-00-0103	24–25	Qbt 3	Benzo(k)fluoranthene	0.34	U
21-11151	MD21-00-0103	24–25	Qbt 3	Chrysene	0.34	U
21-11151	MD21-00-0103	24–25	Qbt 3	Dibenz(a,h)anthracene	0.34	U
21-11151	MD21-00-0103	24–25	Qbt 3	Fluoranthene	0.34	U
21-11151	MD21-00-0103	24–25	Qbt 3	Fluorene	0.34	U
21-11151	MD21-00-0103	24–25	Qbt 3	Methylnaphthalene[2-]	0.34	U
21-11151	MD21-00-0103	24–25	Qbt 3	Naphthalene	0.34	U
21-11151	MD21-00-0103	24–25	Qbt 3	Phenanthrene	0.34	U
21-11151	MD21-00-0103	24–25	Qbt 3	Pyrene	0.34	U
21-11151	MD21-00-0103	24–25	Qbt 3	Diesel-range organics	12	U
21-11151	MD21-00-0103	24–25	Qbt 3	Gasoline-range organics	0.04	U
21-11151	MD21-00-0103	24–25	Qbt 3	Benzene	0.006	U
21-11151	MD21-00-0103	24–25	Qbt 3	Dibromoethane[1,2-]	0.006	U

Table D-5.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result (mg/kg)	Report Qualifier
21-11151	MD21-00-0103	24–25	Qbt 3	Dichloroethane[1,2-]	0.006	U
21-11151	MD21-00-0103	24–25	Qbt 3	Ethylbenzene	0.006	U
21-11151	MD21-00-0103	24–25	Qbt 3	Toluene	0.006	U
21-11151	MD21-00-0103	24–25	Qbt 3	Xylene (total)	0.006	U
21-11151	MD21-00-0104	95–96	Qbt 3	Acenaphthene	0.34	U
21-11151	MD21-00-0104	95–96	Qbt 3	Anthracene	0.34	U
21-11151	MD21-00-0104	95–96	Qbt 3	Benzo(a)anthracene	0.34	U
21-11151	MD21-00-0104	95–96	Qbt 3	Benzo(a)pyrene	0.34	U
21-11151	MD21-00-0104	95–96	Qbt 3	Benzo(b)fluoranthene	0.34	U
21-11151	MD21-00-0104	95–96	Qbt 3	Benzo(k)fluoranthene	0.34	U
21-11151	MD21-00-0104	95–96	Qbt 3	Chrysene	0.34	U
21-11151	MD21-00-0104	95–96	Qbt 3	Dibenz(a,h)anthracene	0.34	U
21-11151	MD21-00-0104	95–96	Qbt 3	Fluoranthene	0.34	U
21-11151	MD21-00-0104	95–96	Qbt 3	Fluorene	0.34	U
21-11151	MD21-00-0104	95–96	Qbt 3	Methylnaphthalene[2-]	0.34	U
21-11151	MD21-00-0104	95–96	Qbt 3	Naphthalene	0.34	U
21-11151	MD21-00-0104	95–96	Qbt 3	Phenanthrene	0.34	U
21-11151	MD21-00-0104	95–96	Qbt 3	Pyrene	0.34	U
21-11151	MD21-00-0104	95–96	Qbt 3	Diesel-range organics	12	U
21-11151	MD21-00-0104	95–96	Qbt 3	Gasoline-range organics	0.04	U
21-11151	MD21-00-0104	95–96	Qbt 3	Benzene	0.006	U
21-11151	MD21-00-0104	95–96	Qbt 3	Dibromoethane[1,2-]	0.006	U
21-11151	MD21-00-0104	95–96	Qbt 3	Dichloroethane[1,2-]	0.006	U
21-11151	MD21-00-0104	95–96	Qbt 3	Ethylbenzene	0.006	U
21-11151	MD21-00-0104	95–96	Qbt 3	Toluene	0.006	U
21-11151	MD21-00-0104	95–96	Qbt 3	Xylene (total)	0.006	U
21-11151	MD21-00-0105	105–105.5	Qbt 3	Acenaphthene	0.34	U
21-11151	MD21-00-0105	105–105.5	Qbt 3	Anthracene	0.34	U
21-11151	MD21-00-0105	105–105.5	Qbt 3	Benzo(a)anthracene	0.34	U
21-11151	MD21-00-0105	105–105.5	Qbt 3	Benzo(a)pyrene	0.34	U
21-11151	MD21-00-0105	105–105.5	Qbt 3	Benzo(b)fluoranthene	0.34	U
21-11151	MD21-00-0105	105–105.5	Qbt 3	Benzo(k)fluoranthene	0.34	U
21-11151	MD21-00-0105	105–105.5	Qbt 3	Chrysene	0.34	U
21-11151	MD21-00-0105	105–105.5	Qbt 3	Dibenz(a,h)anthracene	0.34	U
21-11151	MD21-00-0105	105–105.5	Qbt 3	Fluoranthene	0.34	U
21-11151	MD21-00-0105	105–105.5	Qbt 3	Fluorene	0.34	U
21-11151	MD21-00-0105	105–105.5	Qbt 3	Methylnaphthalene[2-]	0.34	U
21-11151	MD21-00-0105	105–105.5	Qbt 3	Naphthalene	0.34	U
21-11151	MD21-00-0105	105–105.5	Qbt 3	Phenanthrene	0.34	U
21-11151	MD21-00-0105	105–105.5	Qbt 3	Pyrene	0.34	U
21-11151	MD21-00-0105	105–105.5	Qbt 3	Diesel-range organics	12	U
21-11151	MD21-00-0105	105–105.5	Qbt 3	Gasoline-range organics	0.04	U
21-11151	MD21-00-0105	105–105.5	Qbt 3	Benzene	0.006	U
21-11151	MD21-00-0105	105–105.5	Qbt 3	Dibromoethane[1,2-]	0.006	U
21-11151	MD21-00-0105	105–105.5	Qbt 3	Dichloroethane[1,2-]	0.006	U
21-11151	MD21-00-0105	105–105.5	Qbt 3	Ethylbenzene	0.006	U
21-11151	MD21-00-0105	105–105.5	Qbt 3	Toluene	0.006	U

Table D-5.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result (mg/kg)	Report Qualifier
21-11151	MD21-00-0105	105–105.5	Qbt 3	Xylene (total)	0.006	U
21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Acenaphthene	0.34	U
21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Anthracene	0.34	U
21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Benzo(a)anthracene	0.34	U
21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Benzo(a)pyrene	0.34	U
21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Benzo(b)fluoranthene	0.34	U
21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Benzo(k)fluoranthene	0.34	U
21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Chrysene	0.34	U
21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Dibenz(a,h)anthracene	0.34	U
21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Fluoranthene	0.34	U
21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Fluorene	0.34	U
21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Methylnaphthalene[2-]	0.34	U
21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Naphthalene	0.34	U
21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Phenanthrene	0.34	U
21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Pyrene	0.34	U
21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Diesel-range organics	12	U
21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Gasoline-range organics	0.04	U
21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Benzene	0.006	U
21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Dibromoethane[1,2-]	0.006	U
21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Dichloroethane[1,2-]	0.006	U
21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Ethylbenzene	0.006	U
21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Toluene	0.006	U
21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Xylene (total)	0.006	U
21-11153	MD21-00-0109	49–50	Qbt 3	Acenaphthene	0.36	U
21-11153	MD21-00-0109	49–50	Qbt 3	Anthracene	0.36	U
21-11153	MD21-00-0109	49–50	Qbt 3	Benzo(a)anthracene	0.36	U
21-11153	MD21-00-0109	49–50	Qbt 3	Benzo(a)pyrene	0.36	U
21-11153	MD21-00-0109	49–50	Qbt 3	Benzo(b)fluoranthene	0.36	U
21-11153	MD21-00-0109	49–50	Qbt 3	Benzo(k)fluoranthene	0.36	U
21-11153	MD21-00-0109	49–50	Qbt 3	Chrysene	0.36	U
21-11153	MD21-00-0109	49–50	Qbt 3	Dibenz(a,h)anthracene	0.36	U
21-11153	MD21-00-0109	49–50	Qbt 3	Fluoranthene	0.36	U
21-11153	MD21-00-0109	49–50	Qbt 3	Fluorene	0.36	U
21-11153	MD21-00-0109	49–50	Qbt 3	Methylnaphthalene[2-]	0.36	U
21-11153	MD21-00-0109	49–50	Qbt 3	Naphthalene	0.36	U
21-11153	MD21-00-0109	49–50	Qbt 3	Phenanthrene	0.36	U
21-11153	MD21-00-0109	49–50	Qbt 3	Pyrene	0.36	U
21-11153	MD21-00-0109	49–50	Qbt 3	Diesel-range organics	13	UJ
21-11153	MD21-00-0109	49–50	Qbt 3	Gasoline-range organics	0.044	UJ
21-11153	MD21-00-0109	49–50	Qbt 3	Benzene	0.006	U
21-11153	MD21-00-0109	49–50	Qbt 3	Dibromoethane[1,2-]	0.006	U
21-11153	MD21-00-0109	49–50	Qbt 3	Dichloroethane[1,2-]	0.006	U
21-11153	MD21-00-0109	49–50	Qbt 3	Ethylbenzene	0.006	U
21-11153	MD21-00-0109	49–50	Qbt 3	Toluene	0.006	U
21-11153	MD21-00-0109	49–50	Qbt 3	Xylene (total)	0.006	U
21-11153	MD21-00-0110	94–95	Qbt 2	Acenaphthene	0.34	U
21-11153	MD21-00-0110	94–95	Qbt 2	Anthracene	0.34	U

Table D-5.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result (mg/kg)	Report Qualifier
21-11153	MD21-00-0110	94–95	Qbt 2	Benzo(a)anthracene	0.34	U
21-11153	MD21-00-0110	94–95	Qbt 2	Benzo(a)pyrene	0.34	U
21-11153	MD21-00-0110	94–95	Qbt 2	Benzo(b)fluoranthene	0.34	U
21-11153	MD21-00-0110	94–95	Qbt 2	Benzo(k)fluoranthene	0.34	U
21-11153	MD21-00-0110	94–95	Qbt 2	Chrysene	0.34	U
21-11153	MD21-00-0110	94–95	Qbt 2	Dibenz(a,h)anthracene	0.34	U
21-11153	MD21-00-0110	94–95	Qbt 2	Fluoranthene	0.34	U
21-11153	MD21-00-0110	94–95	Qbt 2	Fluorene	0.34	U
21-11153	MD21-00-0110	94–95	Qbt 2	Methylnaphthalene[2-]	0.34	U
21-11153	MD21-00-0110	94–95	Qbt 2	Naphthalene	0.34	U
21-11153	MD21-00-0110	94–95	Qbt 2	Phenanthrene	0.34	U
21-11153	MD21-00-0110	94–95	Qbt 2	Pyrene	0.34	U
21-11153	MD21-00-0110	94–95	Qbt 2	Diesel-range organics	12	UJ
21-11153	MD21-00-0110	94–95	Qbt 2	Gasoline-range organics	0.04	UJ
21-11153	MD21-00-0110	94–95	Qbt 2	Benzene	0.006	U
21-11153	MD21-00-0110	94–95	Qbt 2	Dibromoethane[1,2-]	0.006	U
21-11153	MD21-00-0110	94–95	Qbt 2	Dichloroethane[1,2-]	0.006	U
21-11153	MD21-00-0110	94–95	Qbt 2	Ethylbenzene	0.006	U
21-11153	MD21-00-0110	94–95	Qbt 2	Toluene	0.006	U
21-11153	MD21-00-0110	94–95	Qbt 2	Xylene (total)	0.005	U
21-11154	MD21-00-0111	49–50	Qbt 3	Acenaphthene	0.35	U
21-11154	MD21-00-0111	49–50	Qbt 3	Anthracene	0.35	U
21-11154	MD21-00-0111	49–50	Qbt 3	Benzo(a)anthracene	0.35	U
21-11154	MD21-00-0111	49–50	Qbt 3	Benzo(a)pyrene	0.35	U
21-11154	MD21-00-0111	49–50	Qbt 3	Benzo(b)fluoranthene	0.35	U
21-11154	MD21-00-0111	49–50	Qbt 3	Benzo(k)fluoranthene	0.35	U
21-11154	MD21-00-0111	49–50	Qbt 3	Chrysene	0.35	U
21-11154	MD21-00-0111	49–50	Qbt 3	Dibenz(a,h)anthracene	0.35	U
21-11154	MD21-00-0111	49–50	Qbt 3	Fluoranthene	0.35	U
21-11154	MD21-00-0111	49–50	Qbt 3	Fluorene	0.35	U
21-11154	MD21-00-0111	49–50	Qbt 3	Methylnaphthalene[2-]	0.35	U
21-11154	MD21-00-0111	49–50	Qbt 3	Naphthalene	0.35	U
21-11154	MD21-00-0111	49–50	Qbt 3	Phenanthrene	0.35	U
21-11154	MD21-00-0111	49–50	Qbt 3	Pyrene	0.35	U
21-11154	MD21-00-0111	49–50	Qbt 3	Diesel-range organics	12	UJ
21-11154	MD21-00-0111	49–50	Qbt 3	Gasoline-range organics	0.04	UJ
21-11154	MD21-00-0111	49–50	Qbt 3	Benzene	0.006	U
21-11154	MD21-00-0111	49–50	Qbt 3	Dibromoethane[1,2-]	0.006	U
21-11154	MD21-00-0111	49–50	Qbt 3	Dichloroethane[1,2-]	0.006	U
21-11154	MD21-00-0111	49–50	Qbt 3	Ethylbenzene	0.006	U
21-11154	MD21-00-0111	49–50	Qbt 3	Toluene	0.006	U
21-11154	MD21-00-0111	49–50	Qbt 3	Xylene (total)	0.006	U
21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Acenaphthene	0.35	U
21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Anthracene	0.35	U
21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Benzo(a)anthracene	0.35	U
21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Benzo(a)pyrene	0.35	U
21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Benzo(b)fluoranthene	0.35	U

Table D-5.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result (mg/kg)	Report Qualifier
21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Benzo(k)fluoranthene	0.35	U
21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Chrysene	0.35	U
21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Dibenz(a,h)anthracene	0.35	U
21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Fluoranthene	0.35	U
21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Fluorene	0.35	U
21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Methylnaphthalene[2-]	0.35	U
21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Naphthalene	0.35	U
21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Phenanthrene	0.35	U
21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Pyrene	0.35	U
21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Diesel-range organics	12	UJ
21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Gasoline-range organics	0.04	UJ
21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Benzene	0.006	U
21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Dibromoethane[1,2-]	0.006	U
21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Dichloroethane[1,2-]	0.006	U
21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Ethylbenzene	0.006	U
21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Toluene	0.006	U
21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Xylene (total)	0.005	U
21-11155	MD21-00-0113	54–55	Qbt 3	Acenaphthene	0.35	UJ
21-11155	MD21-00-0113	54–55	Qbt 3	Anthracene	0.35	UJ
21-11155	MD21-00-0113	54–55	Qbt 3	Benzo(a)anthracene	0.35	UJ
21-11155	MD21-00-0113	54–55	Qbt 3	Benzo(a)pyrene	0.35	UJ
21-11155	MD21-00-0113	54–55	Qbt 3	Benzo(b)fluoranthene	0.35	UJ
21-11155	MD21-00-0113	54–55	Qbt 3	Benzo(k)fluoranthene	0.35	UJ
21-11155	MD21-00-0113	54–55	Qbt 3	Chrysene	0.35	UJ
21-11155	MD21-00-0113	54–55	Qbt 3	Dibenz(a,h)anthracene	0.35	UJ
21-11155	MD21-00-0113	54–55	Qbt 3	Fluoranthene	0.35	UJ
21-11155	MD21-00-0113	54–55	Qbt 3	Fluorene	0.35	UJ
21-11155	MD21-00-0113	54–55	Qbt 3	Methylnaphthalene[2-]	0.35	UJ
21-11155	MD21-00-0113	54–55	Qbt 3	Naphthalene	0.35	UJ
21-11155	MD21-00-0113	54–55	Qbt 3	Phenanthrene	0.35	UJ
21-11155	MD21-00-0113	54–55	Qbt 3	Pyrene	0.35	UJ
21-11155	MD21-00-0113	54–55	Qbt 3	Diesel-range organics	13	UJ
21-11155	MD21-00-0113	54–55	Qbt 3	Gasoline-range organics	44	UJ
21-11155	MD21-00-0113	54–55	Qbt 3	Benzene	0.006	U
21-11155	MD21-00-0113	54–55	Qbt 3	Dibromoethane[1,2-]	0.006	U
21-11155	MD21-00-0113	54–55	Qbt 3	Dichloroethane[1,2-]	0.006	U
21-11155	MD21-00-0113	54–55	Qbt 3	Ethylbenzene	0.006	U
21-11155	MD21-00-0113	54–55	Qbt 3	Toluene	0.006	U
21-11155	MD21-00-0113	54–55	Qbt 3	Xylene (total)	0.006	U
21-11155	MD21-00-0114	87.5–90	Qbt 3	Acenaphthene	0.35	UJ
21-11155	MD21-00-0114	87.5–90	Qbt 3	Anthracene	0.35	UJ
21-11155	MD21-00-0114	87.5–90	Qbt 3	Benzo(a)anthracene	0.35	UJ
21-11155	MD21-00-0114	87.5–90	Qbt 3	Benzo(a)pyrene	0.35	UJ
21-11155	MD21-00-0114	87.5–90	Qbt 3	Benzo(b)fluoranthene	0.35	UJ
21-11155	MD21-00-0114	87.5–90	Qbt 3	Benzo(k)fluoranthene	0.35	UJ
21-11155	MD21-00-0114	87.5–90	Qbt 3	Chrysene	0.35	UJ
21-11155	MD21-00-0114	87.5–90	Qbt 3	Dibenz(a,h)anthracene	0.35	UJ

Table D-5.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result (mg/kg)	Report Qualifier
21-11155	MD21-00-0114	87.5–90	Qbt 3	Fluoranthene	0.35	UJ
21-11155	MD21-00-0114	87.5–90	Qbt 3	Fluorene	0.35	UJ
21-11155	MD21-00-0114	87.5–90	Qbt 3	Methylnaphthalene[2-]	0.35	UJ
21-11155	MD21-00-0114	87.5–90	Qbt 3	Naphthalene	0.35	UJ
21-11155	MD21-00-0114	87.5–90	Qbt 3	Phenanthrene	0.35	UJ
21-11155	MD21-00-0114	87.5–90	Qbt 3	Pyrene	0.35	UJ
21-11155	MD21-00-0114	87.5–90	Qbt 3	Diesel-range organics	12	UJ
21-11155	MD21-00-0114	87.5–90	Qbt 3	Gasoline-range organics	40	UJ
21-11155	MD21-00-0114	87.5–90	Qbt 3	Benzene	0.006	U
21-11155	MD21-00-0114	87.5–90	Qbt 3	Dibromoethane[1,2-]	0.006	U
21-11155	MD21-00-0114	87.5–90	Qbt 3	Dichloroethane[1,2-]	0.006	U
21-11155	MD21-00-0114	87.5–90	Qbt 3	Ethylbenzene	0.006	U
21-11155	MD21-00-0114	87.5–90	Qbt 3	Toluene	0.006	U
21-11155	MD21-00-0114	87.5–90	Qbt 3	Xylene (total)	0.006	U
21-11156	MD21-00-0115	9–10	Qbt 3	Acenaphthene	0.4	U
21-11156	MD21-00-0115	9–10	Qbt 3	Anthracene	0.4	U
21-11156	MD21-00-0115	9–10	Qbt 3	Benzo(a)anthracene	0.4	U
21-11156	MD21-00-0115	9–10	Qbt 3	Benzo(a)pyrene	0.4	U
21-11156	MD21-00-0115	9–10	Qbt 3	Benzo(b)fluoranthene	0.4	U
21-11156	MD21-00-0115	9–10	Qbt 3	Benzo(k)fluoranthene	0.4	U
21-11156	MD21-00-0115	9–10	Qbt 3	Chrysene	0.4	U
21-11156	MD21-00-0115	9–10	Qbt 3	Dibenz(a,h)anthracene	0.4	U
21-11156	MD21-00-0115	9–10	Qbt 3	Fluoranthene	0.4	U
21-11156	MD21-00-0115	9–10	Qbt 3	Fluorene	0.4	U
21-11156	MD21-00-0115	9–10	Qbt 3	Methylnaphthalene[2-]	0.4	U
21-11156	MD21-00-0115	9–10	Qbt 3	Naphthalene	0.4	U
21-11156	MD21-00-0115	9–10	Qbt 3	Phenanthrene	0.4	U
21-11156	MD21-00-0115	9–10	Qbt 3	Pyrene	0.4	U
21-11156	MD21-00-0115	9–10	Qbt 3	Diesel-range organics	14	U
21-11156	MD21-00-0115	9–10	Qbt 3	Gasoline-range organics	0.048	UJ
21-11156	MD21-00-0115	9–10	Qbt 3	Benzene	0.008	U
21-11156	MD21-00-0115	9–10	Qbt 3	Dibromoethane[1,2-]	0.008	U
21-11156	MD21-00-0115	9–10	Qbt 3	Dichloroethane[1,2-]	0.008	U
21-11156	MD21-00-0115	9–10	Qbt 3	Ethylbenzene	0.008	U
21-11156	MD21-00-0115	9–10	Qbt 3	Toluene	0.008	U
21-11156	MD21-00-0115	9–10	Qbt 3	Xylene (total)	0.008	U
21-11156	MD21-00-0116	60–61	Qbt 3	Acenaphthene	0.34	U
21-11156	MD21-00-0116	60–61	Qbt 3	Anthracene	0.34	U
21-11156	MD21-00-0116	60–61	Qbt 3	Benzo(a)anthracene	0.34	U
21-11156	MD21-00-0116	60–61	Qbt 3	Benzo(a)pyren	0.34	U
21-11156	MD21-00-0116	60–61	Qbt 3	Benzo(b)fluoranthene	0.34	U
21-11156	MD21-00-0116	60–61	Qbt 3	Benzo(k)fluoranthene	0.34	U
21-11156	MD21-00-0116	60–61	Qbt 3	Chrysene	0.34	U
21-11156	MD21-00-0116	60–61	Qbt 3	Dibenz(a,h)anthracene	0.34	U
21-11156	MD21-00-0116	60–61	Qbt 3	Fluoranthene	0.34	U
21-11156	MD21-00-0116	60–61	Qbt 3	Fluorene	0.34	U

Table D-5.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result (mg/kg)	Report Qualifier
21-11156	MD21-00-0116	60–61	Qbt 3	Methylnaphthalene[2-]	0.34	U
21-11156	MD21-00-0116	60–61	Qbt 3	Naphthalene	0.34	U
21-11156	MD21-00-0116	60–61	Qbt 3	Phenanthrene	0.34	U
21-11156	MD21-00-0116	60–61	Qbt 3	Pyrene	0.34	U
21-11156	MD21-00-0116	60–61	Qbt 3	Diesel-range organics	12	U
21-11156	MD21-00-0116	60–61	Qbt 3	Gasoline-range organics	0.04	UJ
21-11156	MD21-00-0116	60–61	Qbt 3	Benzene	0.006	U
21-11156	MD21-00-0116	60–61	Qbt 3	Dibromoethane[1,2-]	0.006	U
21-11156	MD21-00-0116	60–61	Qbt 3	Dichloroethane[1,2-]	0.006	U
21-11156	MD21-00-0116	60–61	Qbt 3	Ethylbenzene	0.006	U
21-11156	MD21-00-0116	60–61	Qbt 3	Toluene	0.006	U
21-11156	MD21-00-0116	60–61	Qbt 3	Xylene (total)	0.006	U
21-11156	MD21-00-0117	99–100	Qbt 3	Acenaphthene	0.34	U
21-11156	MD21-00-0117	99–100	Qbt 3	Anthracene	0.34	U
21-11156	MD21-00-0117	99–100	Qbt 3	Benzo(a)anthracene	0.34	U
21-11156	MD21-00-0117	99–100	Qbt 3	Benzo(a)pyrene	0.34	U
21-11156	MD21-00-0117	99–100	Qbt 3	Benzo(b)fluoranthene	0.34	U
21-11156	MD21-00-0117	99–100	Qbt 3	Benzo(k)fluoranthene	0.34	U
21-11156	MD21-00-0117	99–100	Qbt 3	Chrysene	0.34	U
21-11156	MD21-00-0117	99–100	Qbt 3	Dibenz(a,h)anthracene	0.34	U
21-11156	MD21-00-0117	99–100	Qbt 3	Fluoranthene	0.34	U
21-11156	MD21-00-0117	99–100	Qbt 3	Fluorene	0.34	U
21-11156	MD21-00-0117	99–100	Qbt 3	Methylnaphthalene[2-]	0.34	U
21-11156	MD21-00-0117	99–100	Qbt 3	Naphthalene	0.34	U
21-11156	MD21-00-0117	99–100	Qbt 3	Phenanthrene	0.34	U
21-11156	MD21-00-0117	99–100	Qbt 3	Pyrene	0.34	U
21-11156	MD21-00-0117	99–100	Qbt 3	Diesel-range organics	12	U
21-11156	MD21-00-0117	99–100	Qbt 3	Gasoline-range organics	0.04	UJ
21-11156	MD21-00-0117	99–100	Qbt 3	Benzene	0.006	U
21-11156	MD21-00-0117	99–100	Qbt 3	Dibromoethane[1,2-]	0.006	U
21-11156	MD21-00-0117	99–100	Qbt 3	Dichloroethane[1,2-]	0.006	U
21-11156	MD21-00-0117	99–100	Qbt 3	Ethylbenzene	0.006	U
21-11156	MD21-00-0117	99–100	Qbt 3	Toluene	0.006	U
21-11156	MD21-00-0117	99–100	Qbt 3	Xylene (total)	0.006	U
21-11240	MD21-01-0078	93–94	Qbt 3	Acenaphthene	0.34	U
21-11240	MD21-01-0078	93–94	Qbt 3	Anthracene	0.34	U
21-11240	MD21-01-0078	93–94	Qbt 3	Benzo(a)anthracene	0.34	U
21-11240	MD21-01-0078	93–94	Qbt 3	Benzo(a)pyrene	0.34	U
21-11240	MD21-01-0078	93–94	Qbt 3	Benzo(b)fluoranthene	0.34	U
21-11240	MD21-01-0078	93–94	Qbt 3	Benzo(k)fluoranthene	0.34	U
21-11240	MD21-01-0078	93–94	Qbt 3	Chrysene	0.34	U
21-11240	MD21-01-0078	93–94	Qbt 3	Dibenz(a,h)anthracene	0.34	U
21-11240	MD21-01-0078	93–94	Qbt 3	Fluoranthene	0.34	U
21-11240	MD21-01-0078	93–94	Qbt 3	Fluorene	0.34	U
21-11240	MD21-01-0078	93–94	Qbt 3	Methylnaphthalene[2-]	0.34	U

Table D-5.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result (mg/kg)	Report Qualifier
21-11240	MD21-01-0078	93–94	Qbt 3	Naphthalene	0.34	U
21-11240	MD21-01-0078	93–94	Qbt 3	Phenanthrene	0.34	U
21-11240	MD21-01-0078	93–94	Qbt 3	Pyrene	0.34	U
21-11240	MD21-01-0078	93–94	Qbt 3	Diesel-range organics	26	U
21-11240	MD21-01-0078	93–94	Qbt 3	Gasoline-range organics	0.1	U
21-11240	MD21-01-0078	93–94	Qbt 3	Benzene	0.0066	U
21-11240	MD21-01-0078	93–94	Qbt 3	Ethylbenzene	0.0066	U
21-11240	MD21-01-0078	93–94	Qbt 3	Toluene	0.0066	U
21-11240	MD21-01-0078	93–94	Qbt 3	Xylene (total)	0.0066	U
21-11240	MD21-01-0078	93–94	Qbt 3	Xylene[1,2-]	0.0033	U
21-11240	MD21-01-0079	93–94	Qbt 3	Acenaphthene	0.34	U
21-11240	MD21-01-0079	93–94	Qbt 3	Anthracene	0.34	U
21-11240	MD21-01-0079	93–94	Qbt 3	Benzo(a)anthracene	0.34	U
21-11240	MD21-01-0079	93–94	Qbt 3	Benzo(a)pyrene	0.34	U
21-11240	MD21-01-0079	93–94	Qbt 3	Benzo(b)fluoranthene	0.34	U
21-11240	MD21-01-0079	93–94	Qbt 3	Benzo(k)fluoranthene	0.34	U
21-11240	MD21-01-0079	93–94	Qbt 3	Chrysene	0.34	U
21-11240	MD21-01-0079	93–94	Qbt 3	Dibenz(a,h)anthracene	0.34	U
21-11240	MD21-01-0079	93–94	Qbt 3	Fluoranthene	0.34	U
21-11240	MD21-01-0079	93–94	Qbt 3	Fluorene	0.34	U
21-11240	MD21-01-0079	93–94	Qbt 3	Methylnaphthalene[2-]	0.34	U
21-11240	MD21-01-0079	93–94	Qbt 3	Naphthalene	0.34	U
21-11240	MD21-01-0079	93–94	Qbt 3	Phenanthrene	0.34	U
21-11240	MD21-01-0079	93–94	Qbt 3	Pyrene	0.34	U
21-11240	MD21-01-0079	93–94	Qbt 3	Diesel-range organics	26	U
21-11240	MD21-01-0079	93–94	Qbt 3	Gasoline-range organics	0.1	U
21-11240	MD21-01-0079	93–94	Qbt 3	Benzene	0.0063	U
21-11240	MD21-01-0079	93–94	Qbt 3	Ethylbenzene	0.0063	U
21-11240	MD21-01-0079	93–94	Qbt 3	Toluene	0.0063	U
21-11240	MD21-01-0079	93–94	Qbt 3	Xylene (total)	0.0063	U
21-11240	MD21-01-0079	93–94	Qbt 3	Xylene[1,2-]	0.0032	U
21-11232	MD21-01-0108	6.3–6.6	Qbt 3	Acenaphthene	0.38	UJ
21-11232	MD21-01-0108	6.3–6.6	Qbt 3	Anthracene	0.38	UJ
21-11232	MD21-01-0108	6.3–6.6	Qbt 3	Benzo(a)anthracene	0.38	UJ
21-11232	MD21-01-0108	6.3–6.6	Qbt 3	Benzo(a)pyrene	0.38	UJ
21-11232	MD21-01-0108	6.3–6.6	Qbt 3	Benzo(b)fluoranthene	0.38	UJ
21-11232	MD21-01-0108	6.3–6.6	Qbt 3	Benzo(k)fluoranthene	0.38	UJ
21-11232	MD21-01-0108	6.3–6.6	Qbt 3	Chrysene	0.38	UJ
21-11232	MD21-01-0108	6.3–6.6	Qbt 3	Dibenz(a,h)anthracene	0.38	UJ
21-11232	MD21-01-0108	6.3–6.6	Qbt 3	Fluoranthene	0.38	UJ
21-11232	MD21-01-0108	6.3–6.6	Qbt 3	Fluorene	0.38	UJ
21-11232	MD21-01-0108	6.3–6.6	Qbt 3	Methylnaphthalene[2-]	0.38	UJ
21-11232	MD21-01-0108	6.3–6.6	Qbt 3	Naphthalene	0.38	UJ
21-11232	MD21-01-0108	6.3–6.6	Qbt 3	Phenanthrene	0.38	UJ
21-11232	MD21-01-0108	6.3–6.6	Qbt 3	Pyrene	1.8	UJ
21-11232	MD21-01-0108	6.3–6.6	Qbt 3	Diesel-range organics	29	U
21-11232	MD21-01-0108	6.3–6.6	Qbt 3	Gasoline-range organics	0.12	U

Table D-5.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result (mg/kg)	Report Qualifier
21-11232	MD21-01-0108	6.3–6.6	Qbt 3	Benzene	0.0059	U
21-11232	MD21-01-0108	6.3–6.6	Qbt 3	Ethylbenzene	0.0059	U
21-11232	MD21-01-0108	6.3–6.6	Qbt 3	Toluene	0.0059	U
21-11232	MD21-01-0108	6.3–6.6	Qbt 3	Xylene (total)	0.0059	U
21-11232	MD21-01-0108	6.3–6.6	Qbt 3	Xylene[1,2-]	0.003	U
21-11232	MD21-01-0109	10–11	Qbt 3	Acenaphthene	0.4	UJ
21-11232	MD21-01-0109	10–11	Qbt 3	Anthracene	0.4	UJ
21-11232	MD21-01-0109	10–11	Qbt 3	Benzo(a)anthracene	0.4	UJ
21-11232	MD21-01-0109	10–11	Qbt 3	Benzo(a)pyrene	0.4	UJ
21-11232	MD21-01-0109	10–11	Qbt 3	Benzo(b)fluoranthene	0.4	UJ
21-11232	MD21-01-0109	10–11	Qbt 3	Benzo(k)fluoranthene	0.4	UJ
21-11232	MD21-01-0109	10–11	Qbt 3	Chrysene	0.4	UJ
21-11232	MD21-01-0109	10–11	Qbt 3	Dibenz(a,h)anthracene	0.4	UJ
21-11232	MD21-01-0109	10–11	Qbt 3	Fluoranthene	0.4	UJ
21-11232	MD21-01-0109	10–11	Qbt 3	Fluorene	0.4	UJ
21-11232	MD21-01-0109	10–11	Qbt 3	Methylnaphthalene[2-]	0.4	UJ
21-11232	MD21-01-0109	10–11	Qbt 3	Naphthalene	0.4	UJ
21-11232	MD21-01-0109	10–11	Qbt 3	Phenanthrene	0.4	UJ
21-11232	MD21-01-0109	10–11	Qbt 3	Pyrene	1.9	UJ
21-11232	MD21-01-0109	10–11	Qbt 3	Diesel-range organics	30	U
21-11232	MD21-01-0109	10–11	Qbt 3	Gasoline-range organics	0.12	U
21-11232	MD21-01-0109	10–11	Qbt 3	Benzene	0.0062	U
21-11232	MD21-01-0109	10–11	Qbt 3	Ethylbenzene	0.0062	U
21-11232	MD21-01-0109	10–11	Qbt 3	Toluene	0.0062	U
21-11232	MD21-01-0109	10–11	Qbt 3	Xylene (total)	0.0062	U
21-11232	MD21-01-0109	10–11	Qbt 3	Xylene[1,2-]	0.0031	U
21-11232	MD21-01-0112	21.7–22.5	Qbt 3	Acenaphthene	0.35	UJ
21-11232	MD21-01-0112	21.7–22.5	Qbt 3	Anthracene	0.35	UJ
21-11232	MD21-01-0112	21.7–22.5	Qbt 3	Benzo(a)anthracene	0.35	UJ
21-11232	MD21-01-0112	21.7–22.5	Qbt 3	Benzo(a)pyrene	0.35	UJ
21-11232	MD21-01-0112	21.7–22.5	Qbt 3	Benzo(b)fluoranthene	0.35	UJ
21-11232	MD21-01-0112	21.7–22.5	Qbt 3	Benzo(k)fluoranthene	0.35	UJ
21-11232	MD21-01-0112	21.7–22.5	Qbt 3	Chrysene	0.35	UJ
21-11232	MD21-01-0112	21.7–22.5	Qbt 3	Dibenz(a,h)anthracene	0.35	UJ
21-11232	MD21-01-0112	21.7–22.5	Qbt 3	Fluoranthene	0.35	UJ
21-11232	MD21-01-0112	21.7–22.5	Qbt 3	Fluorene	0.35	UJ
21-11232	MD21-01-0112	21.7–22.5	Qbt 3	Methylnaphthalene[2-]	0.35	UJ
21-11232	MD21-01-0112	21.7–22.5	Qbt 3	Naphthalene	0.35	UJ
21-11232	MD21-01-0112	21.7–22.5	Qbt 3	Phenanthrene	0.35	UJ
21-11232	MD21-01-0112	21.7–22.5	Qbt 3	Pyrene	1.7	UJ
21-11232	MD21-01-0112	21.7–22.5	Qbt 3	Diesel-range organics	26	U
21-11232	MD21-01-0112	21.7–22.5	Qbt 3	Gasoline-range organics	0.1	U
21-11232	MD21-01-0112	21.7–22.5	Qbt 3	Benzene	0.0063	U
21-11232	MD21-01-0112	21.7–22.5	Qbt 3	Ethylbenzene	0.0063	U
21-11232	MD21-01-0112	21.7–22.5	Qbt 3	Toluene	0.0063	U
21-11232	MD21-01-0112	21.7–22.5	Qbt 3	Xylene (total)	0.0063	U
21-11232	MD21-01-0112	21.7–22.5	Qbt 3	Xylene[1,2-]	0.0031	U

Table D-5.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result (mg/kg)	Report Qualifier
21-11240	MD21-01-0113	46.7–47	Qbt 3	Acenaphthene	0.35	U
21-11240	MD21-01-0113	46.7–47	Qbt 3	Anthracene	0.35	U
21-11240	MD21-01-0113	46.7–47	Qbt 3	Benzo(a)anthracene	0.35	U
21-11240	MD21-01-0113	46.7–47	Qbt 3	Benzo(a)pyrene	0.35	U
21-11240	MD21-01-0113	46.7–47	Qbt 3	Benzo(b)fluoranthene	0.35	U
21-11240	MD21-01-0113	46.7–47	Qbt 3	Benzo(k)fluoranthene	0.35	U
21-11240	MD21-01-0113	46.7–47	Qbt 3	Chrysene	0.35	U
21-11240	MD21-01-0113	46.7–47	Qbt 3	Dibenz(a,h)anthracene	0.35	U
21-11240	MD21-01-0113	46.7–47	Qbt 3	Fluoranthene	0.35	U
21-11240	MD21-01-0113	46.7–47	Qbt 3	Fluorene	0.35	U
21-11240	MD21-01-0113	46.7–47	Qbt 3	Methylnaphthalene[2-]	0.35	U
21-11240	MD21-01-0113	46.7–47	Qbt 3	Naphthalene	0.35	U
21-11240	MD21-01-0113	46.7–47	Qbt 3	Phenanthrene	0.35	U
21-11240	MD21-01-0113	46.7–47	Qbt 3	Pyrene	0.35	U
21-11240	MD21-01-0113	46.7–47	Qbt 3	Diesel-range organics	27	U
21-11240	MD21-01-0113	46.7–47	Qbt 3	Gasoline-range organics	0.11	U
21-11240	MD21-01-0113	46.7–47	Qbt 3	Benzene	0.0059	U
21-11240	MD21-01-0113	46.7–47	Qbt 3	Dibromoethane[1,2-]	0.0059	U
21-11240	MD21-01-0113	46.7–47	Qbt 3	Dichloroethane[1,2-]	0.0059	U
21-11240	MD21-01-0113	46.7–47	Qbt 3	Ethylbenzene	0.0059	U
21-11240	MD21-01-0113	46.7–47	Qbt 3	Toluene	0.0059	U
21-11240	MD21-01-0113	46.7–47	Qbt 3	Xylene (total)	0.0059	U
21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Acenaphthene	0.35	U
21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Anthracene	0.35	U
21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Benzo(a)anthracene	0.35	U
21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Benzo(a)pyrene	0.35	U
21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Benzo(b)fluoranthene	0.35	U
21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Benzo(k)fluoranthene	0.35	U
21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Chrysene	0.35	U
21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Dibenz(a,h)anthracene	0.35	U
21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Fluoranthene	0.35	U
21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Fluorene	0.35	U
21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Methylnaphthalene[2-]	0.35	U
21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Naphthalene	0.35	U
21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Phenanthrene	0.35	U
21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Pyrene	0.35	U
21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Diesel-range organics	27	U
21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Gasoline-range organics	0.11	U
21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Benzene	0.006	U
21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Dibromoethane[1,2-]	0.006	U
21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Dichloroethane[1,2-]	0.006	U
21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Ethylbenzene	0.006	U
21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Toluene	0.006	U
21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Xylene (total)	0.006	U
21-11244	MD21-01-0126	9–10	Fill	Acenaphthene	0.35	U
21-11244	MD21-01-0126	9–10	Fill	Anthracene	0.35	U
21-11244	MD21-01-0126	9–10	Fill	Benzo(a)anthracene	0.35	U

Table D-5.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result (mg/kg)	Report Qualifier
21-11244	MD21-01-0126	9–10	Fill	Benzo(a)pyrene	0.35	U
21-11244	MD21-01-0126	9–10	Fill	Benzo(b)fluoranthene	0.35	U
21-11244	MD21-01-0126	9–10	Fill	Benzo(k)fluoranthene	0.35	U
21-11244	MD21-01-0126	9–10	Fill	Chrysene	0.35	U
21-11244	MD21-01-0126	9–10	Fill	Dibenz(a,h)anthracene	0.35	U
21-11244	MD21-01-0126	9–10	Fill	Fluoranthene	0.35	U
21-11244	MD21-01-0126	9–10	Fill	Fluorene	0.35	U
21-11244	MD21-01-0126	9–10	Fill	Methylnaphthalene[2-]	0.35	U
21-11244	MD21-01-0126	9–10	Fill	Naphthalene	0.35	U
21-11244	MD21-01-0126	9–10	Fill	Phenanthrene	0.35	U
21-11244	MD21-01-0126	9–10	Fill	Pyrene	1.7	U
21-11244	MD21-01-0126	9–10	Fill	Diesel-range organics	54	U
21-11244	MD21-01-0126	9–10	Fill	Gasoline-range organics	0.11	U
21-11244	MD21-01-0126	9–10	Fill	Benzene	0.0068	U
21-11244	MD21-01-0126	9–10	Fill	Ethylbenzene	0.0068	U
21-11244	MD21-01-0126	9–10	Fill	Toluene	0.0027	J+
21-11244	MD21-01-0126	9–10	Fill	Xylene (total)	0.0068	U
21-11244	MD21-01-0126	9–10	Fill	Xylene[1,2-]	0.0034	U
21-11244	MD21-01-0127	104–104.5	Qbt 2	Acenaphthene	0.33	UJ
21-11244	MD21-01-0127	104–104.5	Qbt 2	Anthracene	0.33	UJ
21-11244	MD21-01-0127	104–104.5	Qbt 2	Benzo(a)anthracene	0.33	UJ
21-11244	MD21-01-0127	104–104.5	Qbt 2	Benzo(a)pyrene	0.33	UJ
21-11244	MD21-01-0127	104–104.5	Qbt 2	Benzo(b)fluoranthene	0.33	UJ
21-11244	MD21-01-0127	104–104.5	Qbt 2	Benzo(k)fluoranthene	0.33	UJ
21-11244	MD21-01-0127	104–104.5	Qbt 2	Chrysene	0.33	UJ
21-11244	MD21-01-0127	104–104.5	Qbt 2	Dibenz(a,h)anthracene	0.33	UJ
21-11244	MD21-01-0127	104–104.5	Qbt 2	Fluoranthene	0.33	UJ
21-11244	MD21-01-0127	104–104.5	Qbt 2	Fluorene	0.33	UJ
21-11244	MD21-01-0127	104–104.5	Qbt 2	Methylnaphthalene[2-]	0.33	UJ
21-11244	MD21-01-0127	104–104.5	Qbt 2	Naphthalene	0.33	UJ
21-11244	MD21-01-0127	104–104.5	Qbt 2	Phenanthrene	0.33	UJ
21-11244	MD21-01-0127	104–104.5	Qbt 2	Pyrene	1.6	UJ
21-11244	MD21-01-0127	104–104.5	Qbt 2	Diesel-range organics	51	U
21-11244	MD21-01-0127	104–104.5	Qbt 2	Gasoline-range organics	0.1	U
21-11244	MD21-01-0127	104–104.5	Qbt 2	Benzene	0.0067	U
21-11244	MD21-01-0127	104–104.5	Qbt 2	Ethylbenzene	0.0067	U
21-11244	MD21-01-0127	104–104.5	Qbt 2	Toluene	0.0067	U
21-11244	MD21-01-0127	104–104.5	Qbt 2	Xylene (total)	0.0067	U
21-11244	MD21-01-0127	104–104.5	Qbt 2	Xylene[1,2-]	0.0033	U
21-11244	MD21-01-0128	39–40	Qbt 3	Acenaphthene	0.41	U
21-11244	MD21-01-0128	39–40	Qbt 3	Anthracene	0.41	U
21-11244	MD21-01-0128	39–40	Qbt 3	Benzo(a)anthracene	0.41	U
21-11244	MD21-01-0128	39–40	Qbt 3	Benzo(a)pyrene	0.41	U
21-11244	MD21-01-0128	39–40	Qbt 3	Benzo(b)fluoranthene	0.41	U
21-11244	MD21-01-0128	39–40	Qbt 3	Benzo(k)fluoranthene	0.41	U
21-11244	MD21-01-0128	39–40	Qbt 3	Chrysene	0.41	U
21-11244	MD21-01-0128	39–40	Qbt 3	Dibenz(a,h)anthracene	0.41	U

Table D-5.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result (mg/kg)	Report Qualifier
21-11244	MD21-01-0128	39–40	Qbt 3	Fluoranthene	0.41	U
21-11244	MD21-01-0128	39–40	Qbt 3	Fluorene	0.41	U
21-11244	MD21-01-0128	39–40	Qbt 3	Methylnaphthalene[2-]	0.41	U
21-11244	MD21-01-0128	39–40	Qbt 3	Naphthalene	0.41	U
21-11244	MD21-01-0128	39–40	Qbt 3	Phenanthrene	0.41	U
21-11244	MD21-01-0128	39–40	Qbt 3	Pyrene	0.37	U
21-11244	MD21-01-0128	39–40	Qbt 3	Diesel-range organics	62	U
21-11244	MD21-01-0128	39–40	Qbt 3	Gasoline-range organics	0.12	U
21-11244	MD21-01-0128	39–40	Qbt 3	Benzene	0.0071	UJ
21-11244	MD21-01-0128	39–40	Qbt 3	Ethylbenzene	0.0071	U
21-11244	MD21-01-0128	39–40	Qbt 3	Toluene	0.0071	UJ
21-11244	MD21-01-0128	39–40	Qbt 3	Xylene (total)	0.0071	U
21-11244	MD21-01-0128	39–40	Qbt 3	Xylene[1,2-]	0.0036	U
21-11245	MD21-01-0129	34–35	Qbt 3	Acenaphthene	0.35	U
21-11245	MD21-01-0129	34–35	Qbt 3	Anthracene	0.35	U
21-11245	MD21-01-0129	34–35	Qbt 3	Benzo(a)anthracene	0.35	U
21-11245	MD21-01-0129	34–35	Qbt 3	Benzo(a)pyrene	0.35	U
21-11245	MD21-01-0129	34–35	Qbt 3	Benzo(b)fluoranthene	0.35	U
21-11245	MD21-01-0129	34–35	Qbt 3	Benzo(k)fluoranthene	0.35	U
21-11245	MD21-01-0129	34–35	Qbt 3	Chrysene	0.35	U
21-11245	MD21-01-0129	34–35	Qbt 3	Dibenz(a,h)anthracene	0.35	U
21-11245	MD21-01-0129	34–35	Qbt 3	Fluoranthene	0.35	U
21-11245	MD21-01-0129	34–35	Qbt 3	Fluorene	0.35	U
21-11245	MD21-01-0129	34–35	Qbt 3	Methylnaphthalene[2-]	0.35	U
21-11245	MD21-01-0129	34–35	Qbt 3	Naphthalene	0.35	U
21-11245	MD21-01-0129	34–35	Qbt 3	Phenanthrene	0.35	U
21-11245	MD21-01-0129	34–35	Qbt 3	Pyrene	0.35	U
21-11245	MD21-01-0129	34–35	Qbt 3	Diesel-range organics	53	U
21-11245	MD21-01-0129	34–35	Qbt 3	Gasoline-range organics	0.11	U
21-11245	MD21-01-0129	34–35	Qbt 3	Benzene	0.0061	UJ
21-11245	MD21-01-0129	34–35	Qbt 3	Ethylbenzene	0.0061	U
21-11245	MD21-01-0129	34–35	Qbt 3	Toluene	0.0061	UJ
21-11245	MD21-01-0129	34–35	Qbt 3	Xylene (total)	0.0061	U
21-11245	MD21-01-0129	34–35	Qbt 3	Xylene[1,2-]	0.0031	U
21-11245	MD21-01-0130	64–65	Qbt 3	Acenaphthene	0.35	U
21-11245	MD21-01-0130	64–65	Qbt 3	Anthracene	0.35	U
21-11245	MD21-01-0130	64–65	Qbt 3	Benzo(a)anthracene	0.35	U
21-11245	MD21-01-0130	64–65	Qbt 3	Benzo(a)pyrene	0.35	U
21-11245	MD21-01-0130	64–65	Qbt 3	Benzo(b)fluoranthene	0.35	U
21-11245	MD21-01-0130	64–65	Qbt 3	Benzo(k)fluoranthene	0.35	U
21-11245	MD21-01-0130	64–65	Qbt 3	Chrysene	0.35	U
21-11245	MD21-01-0130	64–65	Qbt 3	Dibenz(a,h)anthracene	0.35	U
21-11245	MD21-01-0130	64–65	Qbt 3	Fluoranthene	0.35	U
21-11245	MD21-01-0130	64–65	Qbt 3	Fluorene	0.35	U
21-11245	MD21-01-0130	64–65	Qbt 3	Methylnaphthalene[2-]	0.35	U
21-11245	MD21-01-0130	64–65	Qbt 3	Naphthalene	0.35	U
21-11245	MD21-01-0130	64–65	Qbt 3	Phenanthrene	0.35	U

Table D-5.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result (mg/kg)	Report Qualifier
21-11245	MD21-01-0130	64–65	Qbt 3	Pyrene	0.35	U
21-11245	MD21-01-0130	64–65	Qbt 3	Diesel-range organics	18	J
21-11245	MD21-01-0130	64–65	Qbt 3	Gasoline-range organics	1.1	U
21-11245	MD21-01-0130	64–65	Qbt 3	Benzene	0.0061	U
21-11245	MD21-01-0130	64–65	Qbt 3	Ethylbenzene	0.0061	U
21-11245	MD21-01-0130	64–65	Qbt 3	Toluene	0.0061	U
21-11245	MD21-01-0130	64–65	Qbt 3	Xylene (total)	0.0061	U
21-11245	MD21-01-0130	64–65	Qbt 3	Xylene[1,2-]	0.003	U
21-11245	MD21-01-0131	69–70	Qbt 3	Acenaphthene	0.35	U
21-11245	MD21-01-0131	69–70	Qbt 3	Anthracene	0.35	U
21-11245	MD21-01-0131	69–70	Qbt 3	Benzo(a)anthracene	0.35	U
21-11245	MD21-01-0131	69–70	Qbt 3	Benzo(a)pyrene	0.35	U
21-11245	MD21-01-0131	69–70	Qbt 3	Benzo(b)fluoranthene	0.35	U
21-11245	MD21-01-0131	69–70	Qbt 3	Benzo(k)fluoranthene	0.35	U
21-11245	MD21-01-0131	69–70	Qbt 3	Chrysene	0.35	U
21-11245	MD21-01-0131	69–70	Qbt 3	Dibenz(a,h)anthracene	0.35	U
21-11245	MD21-01-0131	69–70	Qbt 3	Fluoranthene	0.35	U
21-11245	MD21-01-0131	69–70	Qbt 3	Fluorene	0.35	U
21-11245	MD21-01-0131	69–70	Qbt 3	Methylnaphthalene[2-]	0.35	U
21-11245	MD21-01-0131	69–70	Qbt 3	Naphthalene	0.35	U
21-11245	MD21-01-0131	69–70	Qbt 3	Phenanthrene	0.35	U
21-11245	MD21-01-0131	69–70	Qbt 3	Pyrene	1.7	U
21-11245	MD21-01-0131	69–70	Qbt 3	Diesel-range organics	23	J
21-11245	MD21-01-0131	69–70	Qbt 3	Gasoline-range organics	1	U
21-11245	MD21-01-0131	69–70	Qbt 3	Benzene	0.0059	U
21-11245	MD21-01-0131	69–70	Qbt 3	Ethylbenzene	0.0059	U
21-11245	MD21-01-0131	69–70	Qbt 3	Toluene	0.0059	U
21-11245	MD21-01-0131	69–70	Qbt 3	Xylene (total)	0.0059	U
21-11245	MD21-01-0131	69–70	Qbt 3	Xylene[1,2-]	0.0029	U
21-11245	MD21-01-0132	79–80	Qbt 3	Acenaphthene	0.34	U
21-11245	MD21-01-0132	79–80	Qbt 3	Anthracene	0.34	U
21-11245	MD21-01-0132	79–80	Qbt 3	Benzo(a)anthracene	0.34	U
21-11245	MD21-01-0132	79–80	Qbt 3	Benzo(a)pyrene	0.34	U
21-11245	MD21-01-0132	79–80	Qbt 3	Benzo(b)fluoranthene	0.34	U
21-11245	MD21-01-0132	79–80	Qbt 3	Benzo(k)fluoranthene	0.34	U
21-11245	MD21-01-0132	79–80	Qbt 3	Chrysene	0.34	U
21-11245	MD21-01-0132	79–80	Qbt 3	Dibenz(a,h)anthracene	0.34	U
21-11245	MD21-01-0132	79–80	Qbt 3	Fluoranthene	0.34	U
21-11245	MD21-01-0132	79–80	Qbt 3	Fluorene	0.34	U
21-11245	MD21-01-0132	79–80	Qbt 3	Methylnaphthalene[2-]	0.34	U
21-11245	MD21-01-0132	79–80	Qbt 3	Naphthalene	0.34	U
21-11245	MD21-01-0132	79–80	Qbt 3	Phenanthrene	0.34	U
21-11245	MD21-01-0132	79–80	Qbt 3	Pyrene	1.7	U
21-11245	MD21-01-0132	79–80	Qbt 3	Diesel-range organics	22	J
21-11245	MD21-01-0132	79–80	Qbt 3	Gasoline-range organics	1	U
21-11245	MD21-01-0132	79–80	Qbt 3	Benzene	0.0058	U
21-11245	MD21-01-0132	79–80	Qbt 3	Ethylbenzene	0.0058	U

Table D-5.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result (mg/kg)	Report Qualifier
21-11245	MD21-01-0132	79–80	Qbt 3	Toluene	0.0058	U
21-11245	MD21-01-0132	79–80	Qbt 3	Xylene (total)	0.0058	U
21-11245	MD21-01-0132	79–80	Qbt 3	Xylene[1,2-]	0.0029	U
21-11245	MD21-01-0133	84–85	Qbt 3	Acenaphthene	0.34	U
21-11245	MD21-01-0133	84–85	Qbt 3	Anthracene	0.34	U
21-11245	MD21-01-0133	84–85	Qbt 3	Benzo(a)anthracene	0.34	U
21-11245	MD21-01-0133	84–85	Qbt 3	Benzo(a)pyrene	0.34	U
21-11245	MD21-01-0133	84–85	Qbt 3	Benzo(b)fluoranthene	0.34	U
21-11245	MD21-01-0133	84–85	Qbt 3	Benzo(k)fluoranthene	0.34	U
21-11245	MD21-01-0133	84–85	Qbt 3	Chrysene	0.34	U
21-11245	MD21-01-0133	84–85	Qbt 3	Dibenz(a,h)anthracene	0.34	U
21-11245	MD21-01-0133	84–85	Qbt 3	Fluoranthene	0.34	U
21-11245	MD21-01-0133	84–85	Qbt 3	Fluorene	0.34	U
21-11245	MD21-01-0133	84–85	Qbt 3	Methylnaphthalene[2-]	0.34	U
21-11245	MD21-01-0133	84–85	Qbt 3	Naphthalene	0.34	U
21-11245	MD21-01-0133	84–85	Qbt 3	Phenanthrene	0.34	U
21-11245	MD21-01-0133	84–85	Qbt 3	Pyrene	1.7	U
21-11245	MD21-01-0133	84–85	Qbt 3	Diesel-range organics	16	J
21-11245	MD21-01-0133	84–85	Qbt 3	Gasoline-range organics	1	U
21-11245	MD21-01-0133	84–85	Qbt 3	Benzene	0.0062	U
21-11245	MD21-01-0133	84–85	Qbt 3	Ethylbenzene	0.0062	U
21-11245	MD21-01-0133	84–85	Qbt 3	Toluene	0.0062	U
21-11245	MD21-01-0133	84–85	Qbt 3	Xylene (total)	0.0062	U
21-11245	MD21-01-0133	84–85	Qbt 3	Xylene[1,2-]	0.0031	U
21-11245	MD21-01-0134	89–90	Qbt 3	Acenaphthene	0.34	U
21-11245	MD21-01-0134	89–90	Qbt 3	Anthracene	0.34	U
21-11245	MD21-01-0134	89–90	Qbt 3	Benzo(a)anthracene	0.34	U
21-11245	MD21-01-0134	89–90	Qbt 3	Benzo(a)pyrene	0.34	U
21-11245	MD21-01-0134	89–90	Qbt 3	Benzo(b)fluoranthene	0.34	U
21-11245	MD21-01-0134	89–90	Qbt 3	Benzo(k)fluoranthene	0.34	U
21-11245	MD21-01-0134	89–90	Qbt 3	Chrysene	0.34	U
21-11245	MD21-01-0134	89–90	Qbt 3	Dibenz(a,h)anthracene	0.34	U
21-11245	MD21-01-0134	89–90	Qbt 3	Fluoranthene	0.34	U
21-11245	MD21-01-0134	89–90	Qbt 3	Fluorene	0.34	U
21-11245	MD21-01-0134	89–90	Qbt 3	Methylnaphthalene[2-]	0.34	U
21-11245	MD21-01-0134	89–90	Qbt 3	Naphthalene	0.34	U
21-11245	MD21-01-0134	89–90	Qbt 3	Phenanthrene	0.34	U
21-11245	MD21-01-0134	89–90	Qbt 3	Pyrene	1.7	U
21-11245	MD21-01-0134	89–90	Qbt 3	Diesel-range organics	20	J
21-11245	MD21-01-0134	89–90	Qbt 3	Gasoline-range organics	1	U
21-11245	MD21-01-0134	89–90	Qbt 3	Benzene	0.0062	U
21-11245	MD21-01-0134	89–90	Qbt 3	Ethylbenzene	0.0062	U
21-11245	MD21-01-0134	89–90	Qbt 3	Toluene	0.0062	U
21-11245	MD21-01-0134	89–90	Qbt 3	Xylene (total)	0.0062	U
21-11245	MD21-01-0134	89–90	Qbt 3	Xylene[1,2-]	0.0031	U
21-11245	MD21-01-0135	103–104	Qbt 3	Acenaphthene	0.34	U
21-11245	MD21-01-0135	103–104	Qbt 3	Anthracene	0.34	U

Table D-5.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result (mg/kg)	Report Qualifier
21-11245	MD21-01-0135	103–104	Qbt 3	Benzo(a)anthracene	0.34	U
21-11245	MD21-01-0135	103–104	Qbt 3	Benzo(a)pyrene	0.34	U
21-11245	MD21-01-0135	103–104	Qbt 3	Benzo(b)fluoranthene	0.34	U
21-11245	MD21-01-0135	103–104	Qbt 3	Benzo(k)fluoranthene	0.34	U
21-11245	MD21-01-0135	103–104	Qbt 3	Chrysene	0.34	U
21-11245	MD21-01-0135	103–104	Qbt 3	Dibenz(a,h)anthracene	0.34	U
21-11245	MD21-01-0135	103–104	Qbt 3	Fluoranthene	0.34	U
21-11245	MD21-01-0135	103–104	Qbt 3	Fluorene	0.34	U
21-11245	MD21-01-0135	103–104	Qbt 3	Methylnaphthalene[2-]	0.34	U
21-11245	MD21-01-0135	103–104	Qbt 3	Naphthalene	0.34	U
21-11245	MD21-01-0135	103–104	Qbt 3	Phenanthrene	0.34	U
21-11245	MD21-01-0135	103–104	Qbt 3	Pyrene	1.7	U
21-11245	MD21-01-0135	103–104	Qbt 3	Diesel-range organics	26	U
21-11245	MD21-01-0135	103–104	Qbt 3	Gasoline-range organics	1	U
21-11245	MD21-01-0135	103–104	Qbt 3	Benzene	0.0059	U
21-11245	MD21-01-0135	103–104	Qbt 3	Ethylbenzene	0.0059	U
21-11245	MD21-01-0135	103–104	Qbt 3	Toluene	0.0059	U
21-11245	MD21-01-0135	103–104	Qbt 3	Xylene (total)	0.0059	U
21-11245	MD21-01-0135	103–104	Qbt 3	Xylene[1,2-]	0.003	U
21-11245	MD21-01-0136	103–104	Qbt 3	Acenaphthene	0.34	U
21-11245	MD21-01-0136	103–104	Qbt 3	Anthracene	0.34	U
21-11245	MD21-01-0136	103–104	Qbt 3	Benzo(a)anthracene	0.34	U
21-11245	MD21-01-0136	103–104	Qbt 3	Benzo(a)pyrene	0.34	U
21-11245	MD21-01-0136	103–104	Qbt 3	Benzo(b)fluoranthene	0.34	U
21-11245	MD21-01-0136	103–104	Qbt 3	Benzo(k)fluoranthene	0.34	U
21-11245	MD21-01-0136	103–104	Qbt 3	Chrysene	0.34	U
21-11245	MD21-01-0136	103–104	Qbt 3	Dibenz(a,h)anthracene	0.34	U
21-11245	MD21-01-0136	103–104	Qbt 3	Fluoranthene	0.34	U
21-11245	MD21-01-0136	103–104	Qbt 3	Fluorene	0.34	U
21-11245	MD21-01-0136	103–104	Qbt 3	Methylnaphthalene[2-]	0.34	U
21-11245	MD21-01-0136	103–104	Qbt 3	Naphthalene	0.34	U
21-11245	MD21-01-0136	103–104	Qbt 3	Phenanthrene	0.34	U
21-11245	MD21-01-0136	103–104	Qbt 3	Pyrene	1.7	U
21-11245	MD21-01-0136	103–104	Qbt 3	Diesel-range organics	26	U
21-11245	MD21-01-0136	103–104	Qbt 3	Gasoline-range organics	0.1	UJ
21-11245	MD21-01-0136	103–104	Qbt 3	Benzene	0.0064	U
21-11245	MD21-01-0136	103–104	Qbt 3	Ethylbenzene	0.0064	U
21-11245	MD21-01-0136	103–104	Qbt 3	Toluene	0.0064	U
21-11245	MD21-01-0136	103–104	Qbt 3	Xylene (total)	0.0064	U
21-11245	MD21-01-0136	103–104	Qbt 3	Xylene[1,2-]	0.0032	U
21-11247	MD21-01-0140	1.5–2	Fill	Acenaphthene	0.36	UJ
21-11247	MD21-01-0140	1.5–2	Fill	Anthracene	0.36	UJ
21-11247	MD21-01-0140	1.5–2	Fill	Benzo(a)anthracene	0.36	UJ
21-11247	MD21-01-0140	1.5–2	Fill	Benzo(a)pyrene	0.36	UJ
21-11247	MD21-01-0140	1.5–2	Fill	Benzo(b)fluoranthene	0.36	UJ
21-11247	MD21-01-0140	1.5–2	Fill	Benzo(k)fluoranthene	0.36	UJ
21-11247	MD21-01-0140	1.5–2	Fill	Chrysene	0.36	UJ

Table D-5.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result (mg/kg)	Report Qualifier
21-11247	MD21-01-0140	1.5–2	Fill	Dibenz(a,h)anthracene	0.36	UJ
21-11247	MD21-01-0140	1.5–2	Fill	Fluoranthene	0.36	UJ
21-11247	MD21-01-0140	1.5–2	Fill	Fluorene	0.36	UJ
21-11247	MD21-01-0140	1.5–2	Fill	Methylnaphthalene[2-]	0.36	UJ
21-11247	MD21-01-0140	1.5–2	Fill	Naphthalene	0.36	UJ
21-11247	MD21-01-0140	1.5–2	Fill	Phenanthrene	0.36	UJ
21-11247	MD21-01-0140	1.5–2	Fill	Pyrene	1.8	UJ
21-11247	MD21-01-0140	1.5–2	Fill	Diesel-range organics	28	U
21-11247	MD21-01-0140	1.5–2	Fill	Gasoline-range organics	0.11	U
21-11247	MD21-01-0140	1.5–2	Fill	Benzene	0.0049	U
21-11247	MD21-01-0140	1.5–2	Fill	Ethylbenzene	0.0049	U
21-11247	MD21-01-0140	1.5–2	Fill	Toluene	0.0049	U
21-11247	MD21-01-0140	1.5–2	Fill	Xylene (total)	0.0049	U
21-11247	MD21-01-0140	1.5–2	Fill	Xylene[1,2-]	0.0024	U
21-11247	MD21-01-0141	5.5–6	Fill	Acenaphthene	0.37	U
21-11247	MD21-01-0141	5.5–6	Fill	Anthracene	0.37	U
21-11247	MD21-01-0141	5.5–6	Fill	Benzo(a)anthracene	0.37	U
21-11247	MD21-01-0141	5.5–6	Fill	Benzo(a)pyrene	0.37	U
21-11247	MD21-01-0141	5.5–6	Fill	Benzo(b)fluoranthene	0.37	U
21-11247	MD21-01-0141	5.5–6	Fill	Benzo(k)fluoranthene	0.37	U
21-11247	MD21-01-0141	5.5–6	Fill	Chrysene	0.37	U
21-11247	MD21-01-0141	5.5–6	Fill	Dibenz(a,h)anthracene	0.37	U
21-11247	MD21-01-0141	5.5–6	Fill	Fluoranthene	0.37	U
21-11247	MD21-01-0141	5.5–6	Fill	Fluorene	0.37	U
21-11247	MD21-01-0141	5.5–6	Fill	Methylnaphthalene[2-]	0.37	U
21-11247	MD21-01-0141	5.5–6	Fill	Naphthalene	0.37	U
21-11247	MD21-01-0141	5.5–6	Fill	Phenanthrene	0.37	U
21-11247	MD21-01-0141	5.5–6	Fill	Pyrene	1.8	U
21-11247	MD21-01-0141	5.5–6	Fill	Diesel-range organics	28	U
21-11247	MD21-01-0141	5.5–6	Fill	Gasoline-range organics	0.11	U
21-11247	MD21-01-0141	5.5–6	Fill	Benzene	0.0053	U
21-11247	MD21-01-0141	5.5–6	Fill	Ethylbenzene	0.0053	U
21-11247	MD21-01-0141	5.5–6	Fill	Toluene	0.0053	U
21-11247	MD21-01-0141	5.5–6	Fill	Xylene (total)	0.0053	U
21-11247	MD21-01-0141	5.5–6	Fill	Xylene[1,2-]	0.0027	U

Table D-5.0-2
UST Analytical Results for DP Canyon Western Seep Investigation Area

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Report Qualifier
21-11129	MD21-00-0035	0–0.5	Sediment	Lead	40	None
21-11129	MD21-00-0035	0–0.5	Sediment	Acenaphthene	3.5	U
21-11129	MD21-00-0035	0–0.5	Sediment	Anthracene	3.5	U
21-11129	MD21-00-0035	0–0.5	Sediment	Benzo(a)anthracene	3.5	U
21-11129	MD21-00-0035	0–0.5	Sediment	Benzo(a)pyrene	3.5	UJ
21-11129	MD21-00-0035	0–0.5	Sediment	Benzo(b)fluoranthene	3.5	UJ
21-11129	MD21-00-0035	0–0.5	Sediment	Benzo(k)fluoranthene	3.5	UJ
21-11129	MD21-00-0035	0–0.5	Sediment	Chrysene	3.5	U
21-11129	MD21-00-0035	0–0.5	Sediment	Dibenz(a,h)anthracene	3.5	UJ
21-11129	MD21-00-0035	0–0.5	Sediment	Fluoranthene	3.5	U
21-11129	MD21-00-0035	0–0.5	Sediment	Fluorene	3.5	U
21-11129	MD21-00-0035	0–0.5	Sediment	Methylnaphthalene[2-]	3.5	U
21-11129	MD21-00-0035	0–0.5	Sediment	Naphthalene	3.5	U
21-11129	MD21-00-0035	0–0.5	Sediment	Phenanthrene	3.5	U
21-11129	MD21-00-0035	0–0.5	Sediment	Pyrene	3.5	U
21-11129	MD21-00-0035	0–0.5	Sediment	Diesel-range organics	37	None
21-11129	MD21-00-0035	0–0.5	Sediment	Gasoline-range organics	0.52	U
21-11129	MD21-00-0035	0–0.5	Sediment	Benzene	0.0064	U
21-11129	MD21-00-0035	0–0.5	Sediment	Ethylbenzene	0.0064	U
21-11129	MD21-00-0035	0–0.5	Sediment	Toluene	0.0064	U
21-11129	MD21-00-0035	0–0.5	Sediment	Xylene (total)	0.0064	U
21-11129	MD21-00-0035	0–0.5	Sediment	Xylene[1,2-]	0.0064	U
21-11130	MD21-00-0036	0–0.5	Sediment	Lead	72	None
21-11130	MD21-00-0036	0–0.5	Sediment	Acenaphthene	3.4	U
21-11130	MD21-00-0036	0–0.5	Sediment	Anthracene	3.4	U
21-11130	MD21-00-0036	0–0.5	Sediment	Benzo(a)anthracene	3.4	U
21-11130	MD21-00-0036	0–0.5	Sediment	Benzo(a)pyrene	3.4	U
21-11130	MD21-00-0036	0–0.5	Sediment	Benzo(b)fluoranthene	3.4	U
21-11130	MD21-00-0036	0–0.5	Sediment	Benzo(k)fluoranthene	3.4	U
21-11130	MD21-00-0036	0–0.5	Sediment	Chrysene	3.4	U
21-11130	MD21-00-0036	0–0.5	Sediment	Dibenz(a,h)anthracene	3.4	U
21-11130	MD21-00-0036	0–0.5	Sediment	Fluoranthene	3.4	U
21-11130	MD21-00-0036	0–0.5	Sediment	Fluorene	3.4	U
21-11130	MD21-00-0036	0–0.5	Sediment	Methylnaphthalene[2-]	3.4	U
21-11130	MD21-00-0036	0–0.5	Sediment	Naphthalene	3.4	U
21-11130	MD21-00-0036	0–0.5	Sediment	Phenanthrene	3.4	U
21-11130	MD21-00-0036	0–0.5	Sediment	Pyrene	3.4	U
21-11130	MD21-00-0036	0–0.5	Sediment	Diesel-range organics	460	None
21-11130	MD21-00-0036	0–0.5	Sediment	Gasoline-range organics	0.057	J
21-11130	MD21-00-0036	0–0.5	Sediment	Benzene	0.0066	U
21-11130	MD21-00-0036	0–0.5	Sediment	Ethylbenzene	0.0066	U
21-11130	MD21-00-0036	0–0.5	Sediment	Toluene	0.0066	U
21-11130	MD21-00-0036	0–0.5	Sediment	Xylene (total)	0.0066	U
21-11130	MD21-00-0036	0–0.5	Sediment	Xylene[1,2-]	0.0066	U
21-11125	MD21-00-0040	0–0.5	Sediment	Benzene	0.0052	U
21-11125	MD21-00-0040	0–0.5	Sediment	Ethylbenzene	0.0052	U

Table D-5.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Report Qualifier
21-11125	MD21-00-0040	0–0.5	Sediment	Toluene	0.0052	U
21-11125	MD21-00-0040	0–0.5	Sediment	Xylene (total)	0.0052	U
21-11125	MD21-00-0040	0–0.5	Sediment	Xylene[1,2-]	0.0052	U
21-11126	MD21-00-0041	0–0.5	Sediment	Benzene	0.006	U
21-11126	MD21-00-0041	0–0.5	Sediment	Ethylbenzene	0.006	U
21-11126	MD21-00-0041	0–0.5	Sediment	Toluene	0.006	U
21-11126	MD21-00-0041	0–0.5	Sediment	Xylene (total)	0.006	U
21-11126	MD21-00-0041	0–0.5	Sediment	Xylene[1,2-]	0.006	U
21-11127	MD21-00-0042	0–0.5	Sediment	Benzene	0.0052	U
21-11127	MD21-00-0042	0–0.5	Sediment	Ethylbenzene	0.0052	U
21-11127	MD21-00-0042	0–0.5	Sediment	Toluene	0.0052	U
21-11127	MD21-00-0042	0–0.5	Sediment	Xylene (total)	0.0052	U
21-11127	MD21-00-0042	0–0.5	Sediment	Xylene[1,2-]	0.0052	U
21-11128	MD21-00-0043	0–0.5	Sediment	Benzene	0.0057	U
21-11128	MD21-00-0043	0–0.5	Sediment	Ethylbenzene	0.0057	U
21-11128	MD21-00-0043	0–0.5	Sediment	Toluene	0.0057	U
21-11128	MD21-00-0043	0–0.5	Sediment	Xylene (total)	0.0057	U
21-11128	MD21-00-0043	0–0.5	Sediment	Xylene[1,2-]	0.0057	U
21-11142	MD21-00-0063	1–2	Qbt 3	Lead	66.3	None
21-11142	MD21-00-0063	1–2	Qbt 3	Acenaphthene	0.052	J
21-11142	MD21-00-0063	1–2	Qbt 3	Anthracene	0.052	J
21-11142	MD21-00-0063	1–2	Qbt 3	Benzo(a)anthracene	0.16	J
21-11142	MD21-00-0063	1–2	Qbt 3	Benzo(a)pyrene	0.21	J
21-11142	MD21-00-0063	1–2	Qbt 3	Benzo(b)fluoranthene	0.16	J
21-11142	MD21-00-0063	1–2	Qbt 3	Benzo(k)fluoranthene	0.19	J
21-11142	MD21-00-0063	1–2	Qbt 3	Chrysene	0.19	J
21-11142	MD21-00-0063	1–2	Qbt 3	Dibenz(a,h)anthracene	0.81	U
21-11142	MD21-00-0063	1–2	Qbt 3	Fluoranthene	0.32	J
21-11142	MD21-00-0063	1–2	Qbt 3	Fluorene	0.051	J
21-11142	MD21-00-0063	1–2	Qbt 3	Methylnaphthalene[2-]	0.81	U
21-11142	MD21-00-0063	1–2	Qbt 3	Naphthalene	0.085	J
21-11142	MD21-00-0063	1–2	Qbt 3	Phenanthrene	0.3	J
21-11142	MD21-00-0063	1–2	Qbt 3	Pyrene	0.36	J
21-11142	MD21-00-0063	1–2	Qbt 3	Diesel-range organics	190	U
21-11142	MD21-00-0063	1–2	Qbt 3	Gasoline-range organics	0.11	J
21-11142	MD21-00-0063	1–2	Qbt 3	Benzene	0.006	U
21-11142	MD21-00-0063	1–2	Qbt 3	Dibromoethane[1,2-]	0.006	U
21-11142	MD21-00-0063	1–2	Qbt 3	Dichloroethane[1,2-]	0.006	U
21-11142	MD21-00-0063	1–2	Qbt 3	Ethylbenzene	0.006	U
21-11142	MD21-00-0063	1–2	Qbt 3	Toluene	0.006	U
21-11142	MD21-00-0063	1–2	Qbt 3	Xylene (total)	0.006	U
21-11142	MD21-00-0064	2–3	Qbt 3	Lead	14.1	None
21-11142	MD21-00-0064	2–3	Qbt 3	Acenaphthene	0.82	U
21-11142	MD21-00-0064	2–3	Qbt 3	Anthracene	0.82	U
21-11142	MD21-00-0064	2–3	Qbt 3	Benzo(a)anthracene	0.82	U
21-11142	MD21-00-0064	2–3	Qbt 3	Benzo(a)pyrene	0.82	U
21-11142	MD21-00-0064	2–3	Qbt 3	Benzo(b)fluoranthene	0.82	U

Table D-5.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Report Qualifier
21-11142	MD21-00-0064	2–3	Qbt 3	Benzo(k)fluoranthene	0.82	U
21-11142	MD21-00-0064	2–3	Qbt 3	Chrysene	0.82	U
21-11142	MD21-00-0064	2–3	Qbt 3	Dibenz(a,h)anthracene	0.82	U
21-11142	MD21-00-0064	2–3	Qbt 3	Fluoranthene	0.82	U
21-11142	MD21-00-0064	2–3	Qbt 3	Fluorene	0.82	U
21-11142	MD21-00-0064	2–3	Qbt 3	Methylnaphthalene[2-]	0.82	UJ
21-11142	MD21-00-0064	2–3	Qbt 3	Naphthalene	0.82	UJ
21-11142	MD21-00-0064	2–3	Qbt 3	Phenanthrene	0.82	U
21-11142	MD21-00-0064	2–3	Qbt 3	Pyrene	0.82	U
21-11142	MD21-00-0064	2–3	Qbt 3	Diesel-range organics	12	U
21-11142	MD21-00-0064	2–3	Qbt 3	Gasoline-range organics	0.048	UJ
21-11142	MD21-00-0064	2–3	Qbt 3	Benzene	0.006	U
21-11142	MD21-00-0064	2–3	Qbt 3	Dibromoethane[1,2-]	0.006	U
21-11142	MD21-00-0064	2–3	Qbt 3	Dichloroethane[1,2-]	0.006	U
21-11142	MD21-00-0064	2–3	Qbt 3	Ethylbenzene	0.006	U
21-11142	MD21-00-0064	2–3	Qbt 3	Toluene	0.006	U
21-11142	MD21-00-0064	2–3	Qbt 3	Xylene (total)	0.006	U
21-11147	MD21-00-0073	37–38	Qbt 3	Lead	5.1	None
21-11147	MD21-00-0073	37–38	Qbt 3	Acenaphthene	0.34	U
21-11147	MD21-00-0073	37–38	Qbt 3	Anthracene	0.34	U
21-11147	MD21-00-0073	37–38	Qbt 3	Benzo(a)anthracene	0.34	U
21-11147	MD21-00-0073	37–38	Qbt 3	Benzo(a)pyrene	0.34	U
21-11147	MD21-00-0073	37–38	Qbt 3	Benzo(b)fluoranthene	0.34	U
21-11147	MD21-00-0073	37–38	Qbt 3	Benzo(k)fluoranthene	0.34	U
21-11147	MD21-00-0073	37–38	Qbt 3	Chrysene	0.34	U
21-11147	MD21-00-0073	37–38	Qbt 3	Dibenz(a,h)anthracene	0.34	U
21-11147	MD21-00-0073	37–38	Qbt 3	Fluoranthene	0.34	U
21-11147	MD21-00-0073	37–38	Qbt 3	Fluorene	0.34	U
21-11147	MD21-00-0073	37–38	Qbt 3	Methylnaphthalene[2-]	0.34	U
21-11147	MD21-00-0073	37–38	Qbt 3	Naphthalene	0.34	U
21-11147	MD21-00-0073	37–38	Qbt 3	Phenanthrene	0.34	U
21-11147	MD21-00-0073	37–38	Qbt 3	Pyrene	0.34	U
21-11147	MD21-00-0073	37–38	Qbt 3	Diesel-range organics	10	U
21-11147	MD21-00-0073	37–38	Qbt 3	Gasoline-range organics	0.04	UJ
21-11147	MD21-00-0073	37–38	Qbt 3	Benzene	0.006	U
21-11147	MD21-00-0073	37–38	Qbt 3	Dibromoethane[1,2-]	0.006	U
21-11147	MD21-00-0073	37–38	Qbt 3	Dichloroethane[1,2-]	0.006	U
21-11147	MD21-00-0073	37–38	Qbt 3	Ethylbenzene	0.006	U
21-11147	MD21-00-0073	37–38	Qbt 3	Toluene	0.006	U
21-11147	MD21-00-0073	37–38	Qbt 3	Xylene (total)	0.006	U
21-11147	MD21-00-0074	44–45	Qbt 3	Lead	11	None
21-11147	MD21-00-0074	44–45	Qbt 3	Acenaphthene	0.36	U
21-11147	MD21-00-0074	44–45	Qbt 3	Anthracene	0.36	U
21-11147	MD21-00-0074	44–45	Qbt 3	Benzo(a)anthracene	0.36	U
21-11147	MD21-00-0074	44–45	Qbt 3	Benzo(a)pyrene	0.36	U
21-11147	MD21-00-0074	44–45	Qbt 3	Benzo(b)fluoranthene	0.36	U
21-11147	MD21-00-0074	44–45	Qbt 3	Benzo(k)fluoranthene	0.36	U

Table D-5.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Report Qualifier
21-11147	MD21-00-0074	44–45	Qbt 3	Chrysene	0.36	U
21-11147	MD21-00-0074	44–45	Qbt 3	Dibenz(a,h)anthracene	0.36	U
21-11147	MD21-00-0074	44–45	Qbt 3	Fluoranthene	0.36	U
21-11147	MD21-00-0074	44–45	Qbt 3	Fluorene	0.36	U
21-11147	MD21-00-0074	44–45	Qbt 3	Methylnaphthalene[2-]	0.36	U
21-11147	MD21-00-0074	44–45	Qbt 3	Naphthalene	0.36	U
21-11147	MD21-00-0074	44–45	Qbt 3	Phenanthrene	0.36	U
21-11147	MD21-00-0074	44–45	Qbt 3	Pyrene	0.36	U
21-11147	MD21-00-0074	44–45	Qbt 3	Diesel-range organics	10	U
21-11147	MD21-00-0074	44–45	Qbt 3	Gasoline-range organics	0.044	UJ
21-11147	MD21-00-0074	44–45	Qbt 3	Benzene	0.006	U
21-11147	MD21-00-0074	44–45	Qbt 3	Dibromoethane[1,2-]	0.006	U
21-11147	MD21-00-0074	44–45	Qbt 3	Dichloroethane[1,2-]	0.006	U
21-11147	MD21-00-0074	44–45	Qbt 3	Ethylbenzene	0.006	U
21-11147	MD21-00-0074	44–45	Qbt 3	Toluene	0.006	U
21-11147	MD21-00-0074	44–45	Qbt 3	Xylene (total)	0.006	U
21-11125	MD21-00-0078	0–0.5	Sediment	Lead	48	None
21-11125	MD21-00-0078	0–0.5	Sediment	Acenaphthene	3.7	U
21-11125	MD21-00-0078	0–0.5	Sediment	Anthracene	3.7	U
21-11125	MD21-00-0078	0–0.5	Sediment	Benzo(a)anthracene	3.7	U
21-11125	MD21-00-0078	0–0.5	Sediment	Benzo(a)pyrene	3.7	U
21-11125	MD21-00-0078	0–0.5	Sediment	Benzo(b)fluoranthene	3.7	U
21-11125	MD21-00-0078	0–0.5	Sediment	Benzo(k)fluoranthene	3.7	U
21-11125	MD21-00-0078	0–0.5	Sediment	Chrysene	3.7	U
21-11125	MD21-00-0078	0–0.5	Sediment	Dibenz(a,h)anthracene	3.7	U
21-11125	MD21-00-0078	0–0.5	Sediment	Fluoranthene	3.7	U
21-11125	MD21-00-0078	0–0.5	Sediment	Fluorene	3.7	U
21-11125	MD21-00-0078	0–0.5	Sediment	Methylnaphthalene[2-]	3.7	U
21-11125	MD21-00-0078	0–0.5	Sediment	Naphthalene	3.7	U
21-11125	MD21-00-0078	0–0.5	Sediment	Phenanthrene	3.7	U
21-11125	MD21-00-0078	0–0.5	Sediment	Pyrene	3.7	U
21-11125	MD21-00-0078	0–0.5	Sediment	Diesel-range organics	52	None
21-11125	MD21-00-0078	0–0.5	Sediment	Gasoline-range organics	0.55	U
21-11126	MD21-00-0079	0–0.5	Sediment	Lead	14	None
21-11126	MD21-00-0079	0–0.5	Sediment	Acenaphthene	3.6	U
21-11126	MD21-00-0079	0–0.5	Sediment	Anthracene	3.6	U
21-11126	MD21-00-0079	0–0.5	Sediment	Benzo(a)anthracene	3.6	U
21-11126	MD21-00-0079	0–0.5	Sediment	Benzo(a)pyrene	3.6	U
21-11126	MD21-00-0079	0–0.5	Sediment	Benzo(b)fluoranthene	3.6	U
21-11126	MD21-00-0079	0–0.5	Sediment	Benzo(k)fluoranthene	3.6	U
21-11126	MD21-00-0079	0–0.5	Sediment	Chrysene	3.6	U
21-11126	MD21-00-0079	0–0.5	Sediment	Dibenz(a,h)anthracene	3.6	U
21-11126	MD21-00-0079	0–0.5	Sediment	Fluoranthene	3.6	U
21-11126	MD21-00-0079	0–0.5	Sediment	Fluorene	3.6	U
21-11126	MD21-00-0079	0–0.5	Sediment	Methylnaphthalene[2-]	3.6	U
21-11126	MD21-00-0079	0–0.5	Sediment	Naphthalene	3.6	U
21-11126	MD21-00-0079	0–0.5	Sediment	Phenanthrene	3.6	U

Table D-5.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Report Qualifier
21-11126	MD21-00-0079	0–0.5	Sediment	Pyrene	3.6	U
21-11126	MD21-00-0079	0–0.5	Sediment	Diesel-range organics	66	None
21-11126	MD21-00-0079	0–0.5	Sediment	Gasoline-range organics	0.55	U
21-11127	MD21-00-0080	0–0.5	Sediment	Lead	13	None
21-11127	MD21-00-0080	0–0.5	Sediment	Acenaphthene	3.7	U
21-11127	MD21-00-0080	0–0.5	Sediment	Anthracene	3.7	U
21-11127	MD21-00-0080	0–0.5	Sediment	Benzo(a)anthracene	3.7	U
21-11127	MD21-00-0080	0–0.5	Sediment	Benzo(a)pyrene	3.7	UJ
21-11127	MD21-00-0080	0–0.5	Sediment	Benzo(b)fluoranthene	3.7	UJ
21-11127	MD21-00-0080	0–0.5	Sediment	Benzo(k)fluoranthene	3.7	UJ
21-11127	MD21-00-0080	0–0.5	Sediment	Chrysene	3.7	U
21-11127	MD21-00-0080	0–0.5	Sediment	Dibenz(a,h)anthracene	3.7	UJ
21-11127	MD21-00-0080	0–0.5	Sediment	Fluoranthene	2.8	J
21-11127	MD21-00-0080	0–0.5	Sediment	Fluorene	3.7	U
21-11127	MD21-00-0080	0–0.5	Sediment	Methylnaphthalene[2-]	3.7	U
21-11127	MD21-00-0080	0–0.5	Sediment	Naphthalene	3.7	U
21-11127	MD21-00-0080	0–0.5	Sediment	Phenanthrene	2.7	J
21-11127	MD21-00-0080	0–0.5	Sediment	Pyrene	3	J
21-11127	MD21-00-0080	0–0.5	Sediment	Diesel-range organics	69	None
21-11127	MD21-00-0080	0–0.5	Sediment	Gasoline-range organics	0.55	U
21-11128	MD21-00-0081	0–0.5	Sediment	Lead	14	None
21-11128	MD21-00-0081	0–0.5	Sediment	Acenaphthene	3.6	U
21-11128	MD21-00-0081	0–0.5	Sediment	Anthracene	3.6	U
21-11128	MD21-00-0081	0–0.5	Sediment	Benzo(a)anthracene	3.6	UJ
21-11128	MD21-00-0081	0–0.5	Sediment	Benzo(a)pyrene	3.6	UJ
21-11128	MD21-00-0081	0–0.5	Sediment	Benzo(b)fluoranthene	3.6	UJ
21-11128	MD21-00-0081	0–0.5	Sediment	Benzo(k)fluoranthene	3.6	UJ
21-11128	MD21-00-0081	0–0.5	Sediment	Chrysene	3.6	UJ
21-11128	MD21-00-0081	0–0.5	Sediment	Dibenz(a,h)anthracene	3.6	UJ
21-11128	MD21-00-0081	0–0.5	Sediment	Fluoranthene	3.6	U
21-11128	MD21-00-0081	0–0.5	Sediment	Fluorene	3.6	U
21-11128	MD21-00-0081	0–0.5	Sediment	Methylnaphthalene[2-]	3.6	U
21-11128	MD21-00-0081	0–0.5	Sediment	Naphthalene	3.6	U
21-11128	MD21-00-0081	0–0.5	Sediment	Phenanthrene	3.6	U
21-11128	MD21-00-0081	0–0.5	Sediment	Pyrene	3.6	UJ
21-11128	MD21-00-0081	0–0.5	Sediment	Diesel-range organics	73	None
21-11128	MD21-00-0081	0–0.5	Sediment	Gasoline-range organics	0.54	U
21-11147	MD21-00-0088	49–50	Qbt 3	Lead	8	None
21-11147	MD21-00-0088	49–50	Qbt 3	Acenaphthene	0.35	U
21-11147	MD21-00-0088	49–50	Qbt 3	Anthracene	0.35	U
21-11147	MD21-00-0088	49–50	Qbt 3	Benzo(a)anthracene	0.35	U
21-11147	MD21-00-0088	49–50	Qbt 3	Benzo(a)pyrene	0.35	U
21-11147	MD21-00-0088	49–50	Qbt 3	Benzo(b)fluoranthene	0.35	U
21-11147	MD21-00-0088	49–50	Qbt 3	Benzo(k)fluoranthene	0.35	U
21-11147	MD21-00-0088	49–50	Qbt 3	Chrysene	0.35	U
21-11147	MD21-00-0088	49–50	Qbt 3	Dibenz(a,h)anthracene	0.35	U
21-11147	MD21-00-0088	49–50	Qbt 3	Fluoranthene	0.35	U

Table D-5.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Report Qualifier
21-11147	MD21-00-0088	49–50	Qbt 3	Fluorene	0.35	U
21-11147	MD21-00-0088	49–50	Qbt 3	Methylnaphthalene[2-]	0.35	U
21-11147	MD21-00-0088	49–50	Qbt 3	Naphthalene	0.35	U
21-11147	MD21-00-0088	49–50	Qbt 3	Phenanthrene	0.35	U
21-11147	MD21-00-0088	49–50	Qbt 3	Pyrene	0.35	U
21-11147	MD21-00-0088	49–50	Qbt 3	Diesel-range organics	10	U
21-11147	MD21-00-0088	49–50	Qbt 3	Gasoline-range organics	0.044	UJ
21-11147	MD21-00-0088	49–50	Qbt 3	Benzene	0.006	U
21-11147	MD21-00-0088	49–50	Qbt 3	Dibromoethane[1,2-]	0.006	U
21-11147	MD21-00-0088	49–50	Qbt 3	Dichloroethane[1,2-]	0.006	U
21-11147	MD21-00-0088	49–50	Qbt 3	Ethylbenzene	0.006	U
21-11147	MD21-00-0088	49–50	Qbt 3	Toluene	0.006	U
21-11147	MD21-00-0088	49–50	Qbt 3	Xylene (total)	0.006	U
21-11147	MD21-00-0089	54–55	Qbt 3	Lead	9.2	None
21-11147	MD21-00-0089	54–55	Qbt 3	Acenaphthene	0.37	U
21-11147	MD21-00-0089	54–55	Qbt 3	Anthracene	0.37	U
21-11147	MD21-00-0089	54–55	Qbt 3	Benzo(a)anthracene	0.37	U
21-11147	MD21-00-0089	54–55	Qbt 3	Benzo(a)pyrene	0.37	U
21-11147	MD21-00-0089	54–55	Qbt 3	Benzo(b)fluoranthene	0.37	U
21-11147	MD21-00-0089	54–55	Qbt 3	Benzo(k)fluoranthene	0.37	U
21-11147	MD21-00-0089	54–55	Qbt 3	Chrysene	0.37	U
21-11147	MD21-00-0089	54–55	Qbt 3	Dibenz(a,h)anthracene	0.37	U
21-11147	MD21-00-0089	54–55	Qbt 3	Fluoranthene	0.37	U
21-11147	MD21-00-0089	54–55	Qbt 3	Fluorene	0.37	U
21-11147	MD21-00-0089	54–55	Qbt 3	Methylnaphthalene[2-]	0.37	U
21-11147	MD21-00-0089	54–55	Qbt 3	Naphthalene	0.37	U
21-11147	MD21-00-0089	54–55	Qbt 3	Phenanthrene	0.37	U
21-11147	MD21-00-0089	54–55	Qbt 3	Pyrene	0.37	U
21-11147	MD21-00-0089	54–55	Qbt 3	Diesel-range organics	11	U
21-11147	MD21-00-0089	54–55	Qbt 3	Gasoline-range organics	0.044	UJ
21-11147	MD21-00-0089	54–55	Qbt 3	Benzene	0.006	U
21-11147	MD21-00-0089	54–55	Qbt 3	Dibromoethane[1,2-]	0.006	U
21-11147	MD21-00-0089	54–55	Qbt 3	Dichloroethane[1,2-]	0.006	U
21-11147	MD21-00-0089	54–55	Qbt 3	Ethylbenzene	0.006	U
21-11147	MD21-00-0089	54–55	Qbt 3	Toluene	0.006	U
21-11147	MD21-00-0089	54–55	Qbt 3	Xylene (total)	0.006	U
21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Lead	8.2	None
21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Acenaphthene	0.36	U
21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Anthracene	0.36	U
21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Benzo(a)anthracene	0.36	U
21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Benzo(a)pyrene	0.36	U
21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Benzo(b)fluoranthene	0.36	U
21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Benzo(k)fluoranthene	0.36	U
21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Chrysene	0.36	U
21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Dibenz(a,h)anthracene	0.36	U
21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Fluoranthene	0.36	U
21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Fluorene	0.36	U

Table D-5.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Report Qualifier
21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Methylnaphthalene[2-]	0.36	U
21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Naphthalene	0.36	U
21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Phenanthrene	0.36	U
21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Pyrene	0.36	U
21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Diesel-range organics	10	U
21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Gasoline-range organics	0.044	UJ
21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Benzene	0.006	U
21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Dibromoethane[1,2-]	0.006	U
21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Dichloroethane[1,2-]	0.006	U
21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Ethylbenzene	0.006	U
21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Toluene	0.006	U
21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Xylene (total)	0.006	U
21-11147	MD21-00-0091	63–65	Qbt 3	Lead	4.8	None
21-11147	MD21-00-0091	63–65	Qbt 3	Acenaphthene	0.35	R
21-11147	MD21-00-0091	63–65	Qbt 3	Anthracene	0.35	R
21-11147	MD21-00-0091	63–65	Qbt 3	Benzo(a)anthracene	0.35	R
21-11147	MD21-00-0091	63–65	Qbt 3	Benzo(a)pyrene	0.35	R
21-11147	MD21-00-0091	63–65	Qbt 3	Benzo(b)fluoranthene	0.35	R
21-11147	MD21-00-0091	63–65	Qbt 3	Benzo(k)fluoranthene	0.35	R
21-11147	MD21-00-0091	63–65	Qbt 3	Chrysene	0.35	R
21-11147	MD21-00-0091	63–65	Qbt 3	Dibenz(a,h)anthracene	0.35	R
21-11147	MD21-00-0091	63–65	Qbt 3	Fluoranthene	0.35	R
21-11147	MD21-00-0091	63–65	Qbt 3	Fluorene	0.35	R
21-11147	MD21-00-0091	63–65	Qbt 3	Methylnaphthalene[2-]	0.35	R
21-11147	MD21-00-0091	63–65	Qbt 3	Naphthalene	0.35	R
21-11147	MD21-00-0091	63–65	Qbt 3	Phenanthrene	0.35	R
21-11147	MD21-00-0091	63–65	Qbt 3	Pyrene	0.35	R
21-11147	MD21-00-0091	63–65	Qbt 3	Diesel-range organics	13	U
21-11147	MD21-00-0091	63–65	Qbt 3	Gasoline-range organics	0.13	None
21-11147	MD21-00-0091	63–65	Qbt 3	Benzene	0.006	U
21-11147	MD21-00-0091	63–65	Qbt 3	Dibromoethane[1,2-]	0.006	U
21-11147	MD21-00-0091	63–65	Qbt 3	Dichloroethane[1,2-]	0.006	U
21-11147	MD21-00-0091	63–65	Qbt 3	Ethylbenzene	0.006	U
21-11147	MD21-00-0091	63–65	Qbt 3	Toluene	0.006	U
21-11147	MD21-00-0091	63–65	Qbt 3	Xylene (total)	0.006	U
21-11147	MD21-00-0092	69–70	Qbt 3	Lead	6.3	None
21-11147	MD21-00-0092	69–70	Qbt 3	Acenaphthene	0.35	U
21-11147	MD21-00-0092	69–70	Qbt 3	Anthracene	0.35	U
21-11147	MD21-00-0092	69–70	Qbt 3	Benzo(a)anthracene	0.35	U
21-11147	MD21-00-0092	69–70	Qbt 3	Benzo(a)pyrene	0.35	U
21-11147	MD21-00-0092	69–70	Qbt 3	Benzo(b)fluoranthene	0.35	U
21-11147	MD21-00-0092	69–70	Qbt 3	Benzo(k)fluoranthene	0.35	U
21-11147	MD21-00-0092	69–70	Qbt 3	Chrysene	0.35	U
21-11147	MD21-00-0092	69–70	Qbt 3	Dibenz(a,h)anthracene	0.35	U
21-11147	MD21-00-0092	69–70	Qbt 3	Fluoranthene	0.35	U
21-11147	MD21-00-0092	69–70	Qbt 3	Fluorene	0.35	U
21-11147	MD21-00-0092	69–70	Qbt 3	Methylnaphthalene[2-]	0.35	U

Table D-5.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Report Qualifier
21-11147	MD21-00-0092	69–70	Qbt 3	Naphthalene	0.35	U
21-11147	MD21-00-0092	69–70	Qbt 3	Phenanthrene	0.35	U
21-11147	MD21-00-0092	69–70	Qbt 3	Pyrene	0.35	U
21-11147	MD21-00-0092	69–70	Qbt 3	Diesel-range organics	10	U
21-11147	MD21-00-0092	69–70	Qbt 3	Gasoline-range organics	0.093	None
21-11147	MD21-00-0092	69–70	Qbt 3	Benzene	0.006	U
21-11147	MD21-00-0092	69–70	Qbt 3	Dibromoethane[1,2-]	0.006	U
21-11147	MD21-00-0092	69–70	Qbt 3	Dichloroethane[1,2-]	0.006	U
21-11147	MD21-00-0092	69–70	Qbt 3	Ethylbenzene	0.006	U
21-11147	MD21-00-0092	69–70	Qbt 3	Toluene	0.006	U
21-11147	MD21-00-0092	69–70	Qbt 3	Xylene (total)	0.006	U
21-11148	MD21-00-0094	51–52	Qbt 3	Lead	6.7	None
21-11148	MD21-00-0094	51–52	Qbt 3	Acenaphthene	0.35	U
21-11148	MD21-00-0094	51–52	Qbt 3	Anthracene	0.35	U
21-11148	MD21-00-0094	51–52	Qbt 3	Benzo(a)anthracene	0.35	U
21-11148	MD21-00-0094	51–52	Qbt 3	Benzo(a)pyrene	0.35	U
21-11148	MD21-00-0094	51–52	Qbt 3	Benzo(b)fluoranthene	0.35	U
21-11148	MD21-00-0094	51–52	Qbt 3	Benzo(k)fluoranthene	0.35	U
21-11148	MD21-00-0094	51–52	Qbt 3	Chrysene	0.35	U
21-11148	MD21-00-0094	51–52	Qbt 3	Dibenz(a,h)anthracene	0.35	U
21-11148	MD21-00-0094	51–52	Qbt 3	Fluoranthene	0.35	U
21-11148	MD21-00-0094	51–52	Qbt 3	Fluorene	0.35	U
21-11148	MD21-00-0094	51–52	Qbt 3	Methylnaphthalene[2-]	0.35	U
21-11148	MD21-00-0094	51–52	Qbt 3	Naphthalene	0.35	U
21-11148	MD21-00-0094	51–52	Qbt 3	Phenanthrene	0.35	U
21-11148	MD21-00-0094	51–52	Qbt 3	Pyrene	0.35	U
21-11148	MD21-00-0094	51–52	Qbt 3	Diesel-range organics	10	U
21-11148	MD21-00-0094	51–52	Qbt 3	Gasoline-range organics	0.04	U
21-11148	MD21-00-0094	51–52	Qbt 3	Benzene	0.006	U
21-11148	MD21-00-0094	51–52	Qbt 3	Dibromoethane[1,2-]	0.006	U
21-11148	MD21-00-0094	51–52	Qbt 3	Dichloroethane[1,2-]	0.006	U
21-11148	MD21-00-0094	51–52	Qbt 3	Ethylbenzene	0.006	U
21-11148	MD21-00-0094	51–52	Qbt 3	Toluene	0.006	U
21-11148	MD21-00-0094	51–52	Qbt 3	Xylene (total)	0.006	U
21-11148	MD21-00-0095	64–65	Qbt 3	Lead	4.1	None
21-11148	MD21-00-0095	64–65	Qbt 3	Acenaphthene	0.35	U
21-11148	MD21-00-0095	64–65	Qbt 3	Anthracene	0.35	U
21-11148	MD21-00-0095	64–65	Qbt 3	Benzo(a)anthracene	0.35	U
21-11148	MD21-00-0095	64–65	Qbt 3	Benzo(a)pyrene	0.35	U
21-11148	MD21-00-0095	64–65	Qbt 3	Benzo(b)fluoranthene	0.35	U
21-11148	MD21-00-0095	64–65	Qbt 3	Benzo(k)fluoranthene	0.35	U
21-11148	MD21-00-0095	64–65	Qbt 3	Chrysene	0.35	U
21-11148	MD21-00-0095	64–65	Qbt 3	Dibenz(a,h)anthracene	0.35	U
21-11148	MD21-00-0095	64–65	Qbt 3	Fluoranthene	0.35	U
21-11148	MD21-00-0095	64–65	Qbt 3	Fluorene	0.35	U
21-11148	MD21-00-0095	64–65	Qbt 3	Methylnaphthalene[2-]	0.35	U
21-11148	MD21-00-0095	64–65	Qbt 3	Naphthalene	0.35	U

Table D-5.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Report Qualifier
21-11148	MD21-00-0095	64–65	Qbt 3	Phenanthrene	0.35	U
21-11148	MD21-00-0095	64–65	Qbt 3	Pyrene	0.35	U
21-11148	MD21-00-0095	64–65	Qbt 3	Diesel-range organics	10	U
21-11148	MD21-00-0095	64–65	Qbt 3	Gasoline-range organics	0.04	U
21-11148	MD21-00-0095	64–65	Qbt 3	Benzene	0.006	U
21-11148	MD21-00-0095	64–65	Qbt 3	Dibromoethane[1,2-]	0.006	U
21-11148	MD21-00-0095	64–65	Qbt 3	Dichloroethane[1,2-]	0.006	U
21-11148	MD21-00-0095	64–65	Qbt 3	Ethylbenzene	0.006	U
21-11148	MD21-00-0095	64–65	Qbt 3	Toluene	0.006	U
21-11148	MD21-00-0095	64–65	Qbt 3	Xylene (total)	0.006	U
21-11157	MD21-00-0118	2–2.5	Qbt 3	Lead	18	None
21-11157	MD21-00-0118	2–2.5	Qbt 3	Acenaphthene	0.7	U
21-11157	MD21-00-0118	2–2.5	Qbt 3	Anthracene	0.7	U
21-11157	MD21-00-0118	2–2.5	Qbt 3	Benzo(a)anthracene	0.7	U
21-11157	MD21-00-0118	2–2.5	Qbt 3	Benzo(a)pyrene	0.7	U
21-11157	MD21-00-0118	2–2.5	Qbt 3	Benzo(b)fluoranthene	0.7	U
21-11157	MD21-00-0118	2–2.5	Qbt 3	Benzo(k)fluoranthene	0.7	U
21-11157	MD21-00-0118	2–2.5	Qbt 3	Chrysene	0.7	U
21-11157	MD21-00-0118	2–2.5	Qbt 3	Dibenz(a,h)anthracene	0.7	U
21-11157	MD21-00-0118	2–2.5	Qbt 3	Fluoranthene	0.7	U
21-11157	MD21-00-0118	2–2.5	Qbt 3	Fluorene	0.7	U
21-11157	MD21-00-0118	2–2.5	Qbt 3	Methylnaphthalene[2-]	0.7	U
21-11157	MD21-00-0118	2–2.5	Qbt 3	Naphthalene	0.7	U
21-11157	MD21-00-0118	2–2.5	Qbt 3	Phenanthrene	0.097	J
21-11157	MD21-00-0118	2–2.5	Qbt 3	Pyrene	0.7	U
21-11157	MD21-00-0118	2–2.5	Qbt 3	Diesel-range organics	210	None
21-11157	MD21-00-0118	2–2.5	Qbt 3	Gasoline-range organics	0.04	UJ
21-11157	MD21-00-0118	2–2.5	Qbt 3	Benzene	0.006	U
21-11157	MD21-00-0118	2–2.5	Qbt 3	Dibromoethane[1,2-]	0.006	U
21-11157	MD21-00-0118	2–2.5	Qbt 3	Dichloroethane[1,2-]	0.006	U
21-11157	MD21-00-0118	2–2.5	Qbt 3	Ethylbenzene	0.006	U
21-11157	MD21-00-0118	2–2.5	Qbt 3	Toluene	0.006	U
21-11157	MD21-00-0118	2–2.5	Qbt 3	Xylene (total)	0.006	U
21-11157	MD21-00-0119	14–14.8	Qbt 3	Lead	9.8	None
21-11157	MD21-00-0119	14–14.8	Qbt 3	Acenaphthene	0.35	U
21-11157	MD21-00-0119	14–14.8	Qbt 3	Anthracene	0.35	U
21-11157	MD21-00-0119	14–14.8	Qbt 3	Benzo(a)anthracene	0.35	U
21-11157	MD21-00-0119	14–14.8	Qbt 3	Benzo(a)pyrene	0.35	U
21-11157	MD21-00-0119	14–14.8	Qbt 3	Benzo(b)fluoranthene	0.35	U
21-11157	MD21-00-0119	14–14.8	Qbt 3	Benzo(k)fluoranthene	0.35	U
21-11157	MD21-00-0119	14–14.8	Qbt 3	Chrysene	0.35	U
21-11157	MD21-00-0119	14–14.8	Qbt 3	Dibenz(a,h)anthracene	0.35	U
21-11157	MD21-00-0119	14–14.8	Qbt 3	Fluoranthene	0.35	U
21-11157	MD21-00-0119	14–14.8	Qbt 3	Fluorene	0.35	U
21-11157	MD21-00-0119	14–14.8	Qbt 3	Methylnaphthalene[2-]	0.35	U
21-11157	MD21-00-0119	14–14.8	Qbt 3	Naphthalene	0.35	U

Table D-5.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Report Qualifier
21-11157	MD21-00-0119	14–14.8	Qbt 3	Phenanthrene	0.35	U
21-11157	MD21-00-0119	14–14.8	Qbt 3	Pyrene	0.35	U
21-11157	MD21-00-0119	14–14.8	Qbt 3	Diesel-range organics	13	UJ
21-11157	MD21-00-0119	14–14.8	Qbt 3	Gasoline-range organics	0.044	UJ
21-11157	MD21-00-0119	14–14.8	Qbt 3	Benzene	0.006	U
21-11157	MD21-00-0119	14–14.8	Qbt 3	Dibromoethane[1,2-]	0.006	U
21-11157	MD21-00-0119	14–14.8	Qbt 3	Dichloroethane[1,2-]	0.006	U
21-11157	MD21-00-0119	14–14.8	Qbt 3	Ethylbenzene	0.006	U
21-11157	MD21-00-0119	14–14.8	Qbt 3	Toluene	0.006	U
21-11157	MD21-00-0119	14–14.8	Qbt 3	Xylene (total)	0.006	U
21-11162	MD21-00-0120	6–6.5	Qbt 3	Lead	9.3	None
21-11162	MD21-00-0120	6–6.5	Qbt 3	Acenaphthene	0.33	U
21-11162	MD21-00-0120	6–6.5	Qbt 3	Anthracene	0.33	U
21-11162	MD21-00-0120	6–6.5	Qbt 3	Benzo(a)anthracene	0.33	U
21-11162	MD21-00-0120	6–6.5	Qbt 3	Benzo(a)pyrene	0.33	U
21-11162	MD21-00-0120	6–6.5	Qbt 3	Benzo(b)fluoranthene	0.33	U
21-11162	MD21-00-0120	6–6.5	Qbt 3	Benzo(k)fluoranthene	0.33	U
21-11162	MD21-00-0120	6–6.5	Qbt 3	Chrysene	0.33	U
21-11162	MD21-00-0120	6–6.5	Qbt 3	Dibenz(a,h)anthracene	0.33	U
21-11162	MD21-00-0120	6–6.5	Qbt 3	Fluoranthene	0.33	U
21-11162	MD21-00-0120	6–6.5	Qbt 3	Fluorene	0.33	U
21-11162	MD21-00-0120	6–6.5	Qbt 3	Methylnaphthalene[2-]	0.33	U
21-11162	MD21-00-0120	6–6.5	Qbt 3	Naphthalene	0.33	U
21-11162	MD21-00-0120	6–6.5	Qbt 3	Phenanthrene	0.019	J
21-11162	MD21-00-0120	6–6.5	Qbt 3	Pyrene	0.33	U
21-11162	MD21-00-0120	6–6.5	Qbt 3	Diesel-range organics	63	J+
21-11162	MD21-00-0120	6–6.5	Qbt 3	Gasoline-range organics	0.04	UJ
21-11162	MD21-00-0120	6–6.5	Qbt 3	Benzene	0.006	U
21-11162	MD21-00-0120	6–6.5	Qbt 3	Dibromoethane[1,2-]	0.006	U
21-11162	MD21-00-0120	6–6.5	Qbt 3	Dichloroethane[1,2-]	0.006	U
21-11162	MD21-00-0120	6–6.5	Qbt 3	Ethylbenzene	0.006	U
21-11162	MD21-00-0120	6–6.5	Qbt 3	Toluene	0.006	U
21-11162	MD21-00-0120	6–6.5	Qbt 3	Xylene (total)	0.006	U
21-11162	MD21-00-0121	16–16.5	Qbt 3	Lead	5.2	None
21-11162	MD21-00-0121	16–16.5	Qbt 3	Acenaphthene	0.35	U
21-11162	MD21-00-0121	16–16.5	Qbt 3	Anthracene	0.35	U
21-11162	MD21-00-0121	16–16.5	Qbt 3	Benzo(a)anthracene	0.35	U
21-11162	MD21-00-0121	16–16.5	Qbt 3	Benzo(a)pyrene	0.35	U
21-11162	MD21-00-0121	16–16.5	Qbt 3	Benzo(b)fluoranthene	0.35	U
21-11162	MD21-00-0121	16–16.5	Qbt 3	Benzo(k)fluoranthene	0.35	U
21-11162	MD21-00-0121	16–16.5	Qbt 3	Chrysene	0.35	U
21-11162	MD21-00-0121	16–16.5	Qbt 3	Dibenz(a,h)anthracene	0.35	U
21-11162	MD21-00-0121	16–16.5	Qbt 3	Fluoranthene	0.35	U
21-11162	MD21-00-0121	16–16.5	Qbt 3	Fluorene	0.35	U
21-11162	MD21-00-0121	16–16.5	Qbt 3	Methylnaphthalene[2-]	0.35	U

Table D-5.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Report Qualifier
21-11162	MD21-00-0121	16–16.5	Qbt 3	Naphthalene	0.35	U
21-11162	MD21-00-0121	16–16.5	Qbt 3	Phenanthrene	0.35	U
21-11162	MD21-00-0121	16–16.5	Qbt 3	Pyrene	0.35	U
21-11162	MD21-00-0121	16–16.5	Qbt 3	Diesel-range organics	12	UJ
21-11162	MD21-00-0121	16–16.5	Qbt 3	Gasoline-range organics	0.04	UJ
21-11162	MD21-00-0121	16–16.5	Qbt 3	Benzene	0.006	U
21-11162	MD21-00-0121	16–16.5	Qbt 3	Dibromoethane[1,2-]	0.006	U
21-11162	MD21-00-0121	16–16.5	Qbt 3	Dichloroethane[1,2-]	0.006	U
21-11162	MD21-00-0121	16–16.5	Qbt 3	Ethylbenzene	0.006	U
21-11162	MD21-00-0121	16–16.5	Qbt 3	Toluene	0.006	U
21-11162	MD21-00-0121	16–16.5	Qbt 3	Xylene (total)	0.006	U
21-11173	MD21-00-0147	0–0.5	Sediment	Lead	32	None
21-11173	MD21-00-0147	0–0.5	Sediment	Acenaphthene	1.7	U
21-11173	MD21-00-0147	0–0.5	Sediment	Anthracene	1.7	U
21-11173	MD21-00-0147	0–0.5	Sediment	Benzo(a)anthracene	1.7	U
21-11173	MD21-00-0147	0–0.5	Sediment	Benzo(a)pyrene	1.7	U
21-11173	MD21-00-0147	0–0.5	Sediment	Benzo(b)fluoranthene	1.7	U
21-11173	MD21-00-0147	0–0.5	Sediment	Benzo(k)fluoranthene	1.7	U
21-11173	MD21-00-0147	0–0.5	Sediment	Chrysene	1.7	U
21-11173	MD21-00-0147	0–0.5	Sediment	Dibenz(a,h)anthracene	1.7	U
21-11173	MD21-00-0147	0–0.5	Sediment	Fluoranthene	1.7	U
21-11173	MD21-00-0147	0–0.5	Sediment	Fluorene	1.7	U
21-11173	MD21-00-0147	0–0.5	Sediment	Methylnaphthalene[2-]	1.7	U
21-11173	MD21-00-0147	0–0.5	Sediment	Naphthalene	1.7	U
21-11173	MD21-00-0147	0–0.5	Sediment	Phenanthrene	1.7	U
21-11173	MD21-00-0147	0–0.5	Sediment	Pyrene	1.7	U
21-11173	MD21-00-0147	0–0.5	Sediment	Diesel-range organics	86	J+
21-11173	MD21-00-0147	0–0.5	Sediment	Gasoline-range organics	0.04	U
21-11173	MD21-00-0147	0–0.5	Sediment	Benzene	0.006	U
21-11173	MD21-00-0147	0–0.5	Sediment	Dibromoethane[1,2-]	0.006	U
21-11173	MD21-00-0147	0–0.5	Sediment	Dichloroethane[1,2-]	0.006	U
21-11173	MD21-00-0147	0–0.5	Sediment	Ethylbenzene	0.006	U
21-11173	MD21-00-0147	0–0.5	Sediment	Toluene	0.006	U
21-11173	MD21-00-0147	0–0.5	Sediment	Xylene (total)	0.006	U
21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Lead	26	None
21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Acenaphthene	1.7	U
21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Anthracene	1.7	U
21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Benzo(a)anthracene	1.7	U
21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Benzo(a)pyrene	1.7	U
21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Benzo(b)fluoranthene	1.7	U
21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Benzo(k)fluoranthene	1.7	U
21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Chrysene	1.7	U
21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Dibenz(a,h)anthracene	1.7	U
21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Fluoranthene	1.7	U
21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Fluorene	1.7	U

Table D-5.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Report Qualifier
21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Methylnaphthalene[2-]	1.7	U
21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Naphthalene	1.7	U
21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Phenanthrene	1.7	U
21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Pyrene	1.7	U
21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Diesel-range organics	180	J+
21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Gasoline-range organics	0.04	U
21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Benzene	0.006	U
21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Dibromoethane[1,2-]	0.006	U
21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Dichloroethane[1,2-]	0.006	U
21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Ethylbenzene	0.006	U
21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Toluene	0.006	U
21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Xylene (total)	0.006	U
21-11233	MD21-01-0080	0–0.07	Sediment	Lead	54.7	None
21-11233	MD21-01-0080	0–0.07	Sediment	Acenaphthene	0.44	UJ
21-11233	MD21-01-0080	0–0.07	Sediment	Anthracene	0.44	UJ
21-11233	MD21-01-0080	0–0.07	Sediment	Benzo(a)anthracene	0.44	UJ
21-11233	MD21-01-0080	0–0.07	Sediment	Benzo(a)pyrene	0.44	UJ
21-11233	MD21-01-0080	0–0.07	Sediment	Benzo(b)fluoranthene	0.44	UJ
21-11233	MD21-01-0080	0–0.07	Sediment	Benzo(k)fluoranthene	0.44	UJ
21-11233	MD21-01-0080	0–0.07	Sediment	Chrysene	0.44	UJ
21-11233	MD21-01-0080	0–0.07	Sediment	Dibenz(a,h)anthracene	0.44	UJ
21-11233	MD21-01-0080	0–0.07	Sediment	Fluoranthene	0.44	UJ
21-11233	MD21-01-0080	0–0.07	Sediment	Fluorene	0.44	UJ
21-11233	MD21-01-0080	0–0.07	Sediment	Methylnaphthalene[2-]	0.44	UJ
21-11233	MD21-01-0080	0–0.07	Sediment	Naphthalene	0.44	UJ
21-11233	MD21-01-0080	0–0.07	Sediment	Phenanthrene	0.44	UJ
21-11233	MD21-01-0080	0–0.07	Sediment	Pyrene	2.1	UJ
21-11233	MD21-01-0080	0–0.07	Sediment	Diesel-range organics	250	None
21-11233	MD21-01-0080	0–0.07	Sediment	Gasoline-range organics	0.13	U
21-11233	MD21-01-0080	0–0.07	Sediment	Benzene	0.0062	U
21-11233	MD21-01-0080	0–0.07	Sediment	Ethylbenzene	0.0062	UJ
21-11233	MD21-01-0080	0–0.07	Sediment	Toluene	0.0026	J+
21-11233	MD21-01-0080	0–0.07	Sediment	Xylene (total)	0.0062	UJ
21-11233	MD21-01-0080	0–0.07	Sediment	Xylene[1,2-]	0.0031	UJ
21-11234	MD21-01-0081	0–0.07	Sediment	Lead	4.2	None
21-11234	MD21-01-0081	0–0.07	Sediment	Acenaphthene	0.4	U
21-11234	MD21-01-0081	0–0.07	Sediment	Anthracene	0.4	U
21-11234	MD21-01-0081	0–0.07	Sediment	Benzo(a)anthracene	0.4	U
21-11234	MD21-01-0081	0–0.07	Sediment	Benzo(a)pyrene	0.4	U
21-11234	MD21-01-0081	0–0.07	Sediment	Benzo(b)fluoranthene	0.4	U
21-11234	MD21-01-0081	0–0.07	Sediment	Benzo(k)fluoranthene	0.4	U
21-11234	MD21-01-0081	0–0.07	Sediment	Chrysene	0.4	U
21-11234	MD21-01-0081	0–0.07	Sediment	Dibenz(a,h)anthracene	0.4	U
21-11234	MD21-01-0081	0–0.07	Sediment	Fluoranthene	0.4	U
21-11234	MD21-01-0081	0–0.07	Sediment	Fluorene	0.4	U
21-11234	MD21-01-0081	0–0.07	Sediment	Methylnaphthalene[2-]	0.4	U

Table D-5.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Report Qualifier
21-11234	MD21-01-0081	0–0.07	Sediment	Naphthalene	0.4	U
21-11234	MD21-01-0081	0–0.07	Sediment	Phenanthrene	0.4	U
21-11234	MD21-01-0081	0–0.07	Sediment	Pyrene	1.9	U
21-11234	MD21-01-0081	0–0.07	Sediment	Diesel-range organics	4	U
21-11234	MD21-01-0081	0–0.07	Sediment	Gasoline-range organics	0.12	U
21-11234	MD21-01-0081	0–0.07	Sediment	Benzene	0.0052	U
21-11234	MD21-01-0081	0–0.07	Sediment	Ethylbenzene	0.0052	U
21-11234	MD21-01-0081	0–0.07	Sediment	Toluene	0.0052	U
21-11234	MD21-01-0081	0–0.07	Sediment	Xylene (total)	0.0052	U
21-11234	MD21-01-0081	0–0.07	Sediment	Xylene[1,2-]	0.0026	U
21-11235	MD21-01-0082	0–0.07	Sediment	Lead	22.4	None
21-11235	MD21-01-0082	0–0.07	Sediment	Acenaphthene	0.41	UJ
21-11235	MD21-01-0082	0–0.07	Sediment	Anthracene	0.41	UJ
21-11235	MD21-01-0082	0–0.07	Sediment	Benzo(a)anthracene	0.41	UJ
21-11235	MD21-01-0082	0–0.07	Sediment	Benzo(a)pyrene	0.41	UJ
21-11235	MD21-01-0082	0–0.07	Sediment	Benzo(b)fluoranthene	0.41	UJ
21-11235	MD21-01-0082	0–0.07	Sediment	Benzo(k)fluoranthene	0.41	UJ
21-11235	MD21-01-0082	0–0.07	Sediment	Chrysene	0.41	UJ
21-11235	MD21-01-0082	0–0.07	Sediment	Dibenz(a,h)anthracene	0.41	UJ
21-11235	MD21-01-0082	0–0.07	Sediment	Fluoranthene	0.41	UJ
21-11235	MD21-01-0082	0–0.07	Sediment	Fluorene	0.41	UJ
21-11235	MD21-01-0082	0–0.07	Sediment	Methylnaphthalene[2-]	0.41	UJ
21-11235	MD21-01-0082	0–0.07	Sediment	Naphthalene	0.41	UJ
21-11235	MD21-01-0082	0–0.07	Sediment	Phenanthrene	0.41	UJ
21-11235	MD21-01-0082	0–0.07	Sediment	Pyrene	2	UJ
21-11235	MD21-01-0082	0–0.07	Sediment	Diesel-range organics	41	U
21-11235	MD21-01-0082	0–0.07	Sediment	Gasoline-range organics	0.13	U
21-11235	MD21-01-0082	0–0.07	Sediment	Benzene	0.0057	U
21-11235	MD21-01-0082	0–0.07	Sediment	Ethylbenzene	0.0057	U
21-11235	MD21-01-0082	0–0.07	Sediment	Toluene	0.0015	J+
21-11235	MD21-01-0082	0–0.07	Sediment	Xylene (total)	0.0057	U
21-11235	MD21-01-0082	0–0.07	Sediment	Xylene[1,2-]	0.0028	U
21-11237	MD21-01-0083	0–0.13	Sediment	Lead	18.6	None
21-11237	MD21-01-0083	0–0.13	Sediment	Acenaphthene	0.39	U
21-11237	MD21-01-0083	0–0.13	Sediment	Anthracene	0.39	U
21-11237	MD21-01-0083	0–0.13	Sediment	Benzo(a)anthracene	0.39	U
21-11237	MD21-01-0083	0–0.13	Sediment	Benzo(a)pyrene	0.39	U
21-11237	MD21-01-0083	0–0.13	Sediment	Benzo(b)fluoranthene	0.39	U
21-11237	MD21-01-0083	0–0.13	Sediment	Benzo(k)fluoranthene	0.39	U
21-11237	MD21-01-0083	0–0.13	Sediment	Chrysene	0.39	U
21-11237	MD21-01-0083	0–0.13	Sediment	Dibenz(a,h)anthracene	0.39	U
21-11237	MD21-01-0083	0–0.13	Sediment	Fluoranthene	0.39	U
21-11237	MD21-01-0083	0–0.13	Sediment	Fluorene	0.39	U
21-11237	MD21-01-0083	0–0.13	Sediment	Methylnaphthalene[2-]	0.39	U
21-11237	MD21-01-0083	0–0.13	Sediment	Naphthalene	0.39	U
21-11237	MD21-01-0083	0–0.13	Sediment	Phenanthrene	0.39	U
21-11237	MD21-01-0083	0–0.13	Sediment	Pyrene	1.9	U

Table D-5.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Report Qualifier
21-11237	MD21-01-0083	0–0.13	Sediment	Diesel-range organics	39	U
21-11237	MD21-01-0083	0–0.13	Sediment	Gasoline-range organics	0.12	U
21-11237	MD21-01-0083	0–0.13	Sediment	Benzene	0.0052	U
21-11237	MD21-01-0083	0–0.13	Sediment	Ethylbenzene	0.0052	U
21-11237	MD21-01-0083	0–0.13	Sediment	Toluene	0.0072	J+
21-11237	MD21-01-0083	0–0.13	Sediment	Xylene (total)	0.0052	U
21-11237	MD21-01-0083	0–0.13	Sediment	Xylene[1,2-]	0.0026	U
21-11237	MD21-01-0084	0–0.13	Sediment	Lead	16.9	None
21-11237	MD21-01-0084	0–0.13	Sediment	Acenaphthene	0.38	UJ
21-11237	MD21-01-0084	0–0.13	Sediment	Anthracene	0.38	UJ
21-11237	MD21-01-0084	0–0.13	Sediment	Benzo(a)anthracene	0.14	J-
21-11237	MD21-01-0084	0–0.13	Sediment	Benzo(a)pyrene	0.16	J-
21-11237	MD21-01-0084	0–0.13	Sediment	Benzo(b)fluoranthene	0.15	J-
21-11237	MD21-01-0084	0–0.13	Sediment	Benzo(k)fluoranthene	0.16	J-
21-11237	MD21-01-0084	0–0.13	Sediment	Chrysene	0.16	J-
21-11237	MD21-01-0084	0–0.13	Sediment	Dibenz(a,h)anthracene	0.38	UJ
21-11237	MD21-01-0084	0–0.13	Sediment	Fluoranthene	0.27	J-
21-11237	MD21-01-0084	0–0.13	Sediment	Fluorene	0.38	UJ
21-11237	MD21-01-0084	0–0.13	Sediment	Methylnaphthalene[2-]	0.38	UJ
21-11237	MD21-01-0084	0–0.13	Sediment	Naphthalene	0.38	UJ
21-11237	MD21-01-0084	0–0.13	Sediment	Phenanthrene	0.084	J-
21-11237	MD21-01-0084	0–0.13	Sediment	Pyrene	0.21	J-
21-11237	MD21-01-0084	0–0.13	Sediment	Diesel-range organics	38	U
21-11237	MD21-01-0084	0–0.13	Sediment	Gasoline-range organics	0.12	U
21-11237	MD21-01-0084	0–0.13	Sediment	Benzene	0.0052	U
21-11237	MD21-01-0084	0–0.13	Sediment	Ethylbenzene	0.0052	U
21-11237	MD21-01-0084	0–0.13	Sediment	Toluene	0.014	J+
21-11237	MD21-01-0084	0–0.13	Sediment	Xylene (total)	0.0052	None
21-11237	MD21-01-0084	0–0.13	Sediment	Xylene[1,2-]	0.0026	U
21-11238	MD21-01-0085	0–0.13	Sediment	Lead	19.1	None
21-11238	MD21-01-0085	0–0.13	Sediment	Acenaphthene	0.41	U
21-11238	MD21-01-0085	0–0.13	Sediment	Anthracene	0.41	U
21-11238	MD21-01-0085	0–0.13	Sediment	Benzo(a)anthracene	0.43	None
21-11238	MD21-01-0085	0–0.13	Sediment	Benzo(a)pyrene	0.46	None
21-11238	MD21-01-0085	0–0.13	Sediment	Benzo(b)fluoranthene	0.47	None
21-11238	MD21-01-0085	0–0.13	Sediment	Benzo(k)fluoranthene	0.43	None
21-11238	MD21-01-0085	0–0.13	Sediment	Chrysene	0.46	None
21-11238	MD21-01-0085	0–0.13	Sediment	Dibenz(a,h)anthracene	0.41	U
21-11238	MD21-01-0085	0–0.13	Sediment	Fluoranthene	0.59	None
21-11238	MD21-01-0085	0–0.13	Sediment	Fluorene	0.41	U
21-11238	MD21-01-0085	0–0.13	Sediment	Methylnaphthalene[2-]	0.41	U
21-11238	MD21-01-0085	0–0.13	Sediment	Naphthalene	0.41	U
21-11238	MD21-01-0085	0–0.13	Sediment	Phenanthrene	0.23	J
21-11238	MD21-01-0085	0–0.13	Sediment	Pyrene	0.72	J
21-11238	MD21-01-0085	0–0.13	Sediment	Diesel-range organics	41	U
21-11238	MD21-01-0085	0–0.13	Sediment	Gasoline-range organics	0.12	U
21-11238	MD21-01-0085	0–0.13	Sediment	Benzene	0.0056	UJ

Table D-5.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Report Qualifier
21-11238	MD21-01-0085	0–0.13	Sediment	Ethylbenzene	0.0056	UJ
21-11238	MD21-01-0085	0–0.13	Sediment	Toluene	0.007	J+
21-11238	MD21-01-0085	0–0.13	Sediment	Xylene (total)	0.0056	UJ
21-11238	MD21-01-0085	0–0.13	Sediment	Xylene[1,2-]	0.0028	UJ
21-11239	MD21-01-0086	0–0.13	Sediment	Lead	28.5	None
21-11239	MD21-01-0086	0–0.13	Sediment	Acenaphthene	0.44	U
21-11239	MD21-01-0086	0–0.13	Sediment	Anthracene	0.44	U
21-11239	MD21-01-0086	0–0.13	Sediment	Benzo(a)anthracene	0.4	J
21-11239	MD21-01-0086	0–0.13	Sediment	Benzo(a)pyrene	0.4	J
21-11239	MD21-01-0086	0–0.13	Sediment	Benzo(b)fluoranthene	0.42	J
21-11239	MD21-01-0086	0–0.13	Sediment	Benzo(k)fluoranthene	0.42	J
21-11239	MD21-01-0086	0–0.13	Sediment	Chrysene	0.44	None
21-11239	MD21-01-0086	0–0.13	Sediment	Dibenz(a,h)anthracene	0.44	U
21-11239	MD21-01-0086	0–0.13	Sediment	Fluoranthene	0.64	None
21-11239	MD21-01-0086	0–0.13	Sediment	Fluorene	0.44	U
21-11239	MD21-01-0086	0–0.13	Sediment	Methylnaphthalene[2-]	0.44	U
21-11239	MD21-01-0086	0–0.13	Sediment	Naphthalene	0.44	U
21-11239	MD21-01-0086	0–0.13	Sediment	Phenanthrene	0.26	J
21-11239	MD21-01-0086	0–0.13	Sediment	Pyrene	0.53	J
21-11239	MD21-01-0086	0–0.13	Sediment	Diesel-range organics	44	U
21-11239	MD21-01-0086	0–0.13	Sediment	Gasoline-range organics	0.13	U
21-11239	MD21-01-0086	0–0.13	Sediment	Benzene	0.0067	UJ
21-11239	MD21-01-0086	0–0.13	Sediment	Ethylbenzene	0.0067	UJ
21-11239	MD21-01-0086	0–0.13	Sediment	Toluene	0.016	J+
21-11239	MD21-01-0086	0–0.13	Sediment	Xylene (total)	0.0068	None
21-11239	MD21-01-0086	0–0.13	Sediment	Xylene[1,2-]	0.0033	UJ
21-11236	MD21-01-0087	0–0.13	Sediment	Lead	16.2	None
21-11236	MD21-01-0087	0–0.13	Sediment	Acenaphthene	0.39	U
21-11236	MD21-01-0087	0–0.13	Sediment	Anthracene	0.39	U
21-11236	MD21-01-0087	0–0.13	Sediment	Benzo(a)anthracene	0.2	J
21-11236	MD21-01-0087	0–0.13	Sediment	Benzo(a)pyrene	0.15	J
21-11236	MD21-01-0087	0–0.13	Sediment	Benzo(b)fluoranthene	0.24	J
21-11236	MD21-01-0087	0–0.13	Sediment	Benzo(k)fluoranthene	0.21	J
21-11236	MD21-01-0087	0–0.13	Sediment	Chrysene	0.23	J
21-11236	MD21-01-0087	0–0.13	Sediment	Dibenz(a,h)anthracene	0.39	U
21-11236	MD21-01-0087	0–0.13	Sediment	Fluoranthene	0.31	J
21-11236	MD21-01-0087	0–0.13	Sediment	Fluorene	0.39	U
21-11236	MD21-01-0087	0–0.13	Sediment	Methylnaphthalene[2-]	0.39	U
21-11236	MD21-01-0087	0–0.13	Sediment	Naphthalene	0.39	U
21-11236	MD21-01-0087	0–0.13	Sediment	Phenanthrene	0.16	J
21-11236	MD21-01-0087	0–0.13	Sediment	Pyrene	0.31	J
21-11236	MD21-01-0087	0–0.13	Sediment	Diesel-range organics	39	U
21-11236	MD21-01-0087	0–0.13	Sediment	Gasoline-range organics	0.12	U
21-11236	MD21-01-0087	0–0.13	Sediment	Benzene	0.0054	U
21-11236	MD21-01-0087	0–0.13	Sediment	Ethylbenzene	0.0054	U
21-11236	MD21-01-0087	0–0.13	Sediment	Toluene	0.0024	J+
21-11236	MD21-01-0087	0–0.13	Sediment	Xylene (total)	0.0054	U

Table D-5.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Report Qualifier
21-11236	MD21-01-0087	0–0.13	Sediment	Xylene[1,2-]	0.0027	U
21-11229	MD21-01-0093	69–70	Qbt 3	Lead	3.4	None
21-11229	MD21-01-0093	69–70	Qbt 3	Acenaphthene	0.35	U
21-11229	MD21-01-0093	69–70	Qbt 3	Anthracene	0.35	U
21-11229	MD21-01-0093	69–70	Qbt 3	Benzo(a)anthracene	0.35	U
21-11229	MD21-01-0093	69–70	Qbt 3	Benzo(a)pyrene	0.35	U
21-11229	MD21-01-0093	69–70	Qbt 3	Benzo(b)fluoranthene	0.35	U
21-11229	MD21-01-0093	69–70	Qbt 3	Benzo(k)fluoranthene	0.35	U
21-11229	MD21-01-0093	69–70	Qbt 3	Chrysene	0.35	U
21-11229	MD21-01-0093	69–70	Qbt 3	Dibenz(a,h)anthracene	0.35	U
21-11229	MD21-01-0093	69–70	Qbt 3	Fluoranthene	0.35	U
21-11229	MD21-01-0093	69–70	Qbt 3	Fluorene	0.35	U
21-11229	MD21-01-0093	69–70	Qbt 3	Methylnaphthalene[2-]	0.35	U
21-11229	MD21-01-0093	69–70	Qbt 3	Naphthalene	0.35	U
21-11229	MD21-01-0093	69–70	Qbt 3	Phenanthrene	0.35	U
21-11229	MD21-01-0093	69–70	Qbt 3	Pyrene	1.7	U
21-11229	MD21-01-0093	69–70	Qbt 3	Diesel-range organics	27	UJ
21-11229	MD21-01-0093	69–70	Qbt 3	Gasoline-range organics	0.11	U
21-11229	MD21-01-0093	69–70	Qbt 3	Benzene	0.0055	UJ
21-11229	MD21-01-0093	69–70	Qbt 3	Ethylbenzene	0.0055	U
21-11229	MD21-01-0093	69–70	Qbt 3	Toluene	0.0055	UJ
21-11229	MD21-01-0093	69–70	Qbt 3	Xylene (total)	0.0055	U
21-11229	MD21-01-0093	69–70	Qbt 3	Xylene[1,2-]	0.0027	U
21-11229	MD21-01-0094	80.6–81.2	Qbt 3	Lead	4.5	None
21-11229	MD21-01-0094	80.6–81.2	Qbt 3	Acenaphthene	0.36	U
21-11229	MD21-01-0094	80.6–81.2	Qbt 3	Anthracene	0.36	U
21-11229	MD21-01-0094	80.6–81.2	Qbt 3	Benzo(a)anthracene	0.36	U
21-11229	MD21-01-0094	80.6–81.2	Qbt 3	Benzo(a)pyrene	0.36	U
21-11229	MD21-01-0094	80.6–81.2	Qbt 3	Benzo(b)fluoranthene	0.36	U
21-11229	MD21-01-0094	80.6–81.2	Qbt 3	Benzo(k)fluoranthene	0.36	U
21-11229	MD21-01-0094	80.6–81.2	Qbt 3	Chrysene	0.36	U
21-11229	MD21-01-0094	80.6–81.2	Qbt 3	Dibenz(a,h)anthracene	0.36	U
21-11229	MD21-01-0094	80.6–81.2	Qbt 3	Fluoranthene	0.36	U
21-11229	MD21-01-0094	80.6–81.2	Qbt 3	Fluorene	0.36	U
21-11229	MD21-01-0094	80.6–81.2	Qbt 3	Methylnaphthalene[2-]	0.36	U
21-11229	MD21-01-0094	80.6–81.2	Qbt 3	Naphthalene	0.36	U
21-11229	MD21-01-0094	80.6–81.2	Qbt 3	Phenanthrene	0.36	U
21-11229	MD21-01-0094	80.6–81.2	Qbt 3	Pyrene	1.7	U
21-11229	MD21-01-0094	80.6–81.2	Qbt 3	Diesel-range organics	27	UJ
21-11229	MD21-01-0094	80.6–81.2	Qbt 3	Gasoline-range organics	0.11	U
21-11229	MD21-01-0094	80.6–81.2	Qbt 3	Benzene	0.0059	U
21-11229	MD21-01-0094	80.6–81.2	Qbt 3	Ethylbenzene	0.0059	U
21-11229	MD21-01-0094	80.6–81.2	Qbt 3	Toluene	0.0059	U
21-11229	MD21-01-0094	80.6–81.2	Qbt 3	Xylene (total)	0.0059	U
21-11229	MD21-01-0094	80.6–81.2	Qbt 3	Xylene[1,2-]	0.0059	U
21-11229	MD21-01-0095	91.5–92.5	Qbt 2	Lead	3.7	None
21-11229	MD21-01-0095	91.5–92.5	Qbt 2	Acenaphthene	0.35	U

Table D-5.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Report Qualifier
21-11229	MD21-01-0095	91.5–92.5	Qbt 2	Anthracene	0.35	U
21-11229	MD21-01-0095	91.5–92.5	Qbt 2	Benzo(a)anthracene	0.35	U
21-11229	MD21-01-0095	91.5–92.5	Qbt 2	Benzo(a)pyrene	0.35	U
21-11229	MD21-01-0095	91.5–92.5	Qbt 2	Benzo(b)fluoranthene	0.35	U
21-11229	MD21-01-0095	91.5–92.5	Qbt 2	Benzo(k)fluoranthene	0.35	U
21-11229	MD21-01-0095	91.5–92.5	Qbt 2	Chrysene	0.35	U
21-11229	MD21-01-0095	91.5–92.5	Qbt 2	Dibenz(a,h)anthracene	0.35	U
21-11229	MD21-01-0095	91.5–92.5	Qbt 2	Fluoranthene	0.35	U
21-11229	MD21-01-0095	91.5–92.5	Qbt 2	Fluorene	0.35	U
21-11229	MD21-01-0095	91.5–92.5	Qbt 2	Methylnaphthalene[2-]	0.35	U
21-11229	MD21-01-0095	91.5–92.5	Qbt 2	Naphthalene	0.35	U
21-11229	MD21-01-0095	91.5–92.5	Qbt 2	Phenanthrene	0.35	U
21-11229	MD21-01-0095	91.5–92.5	Qbt 2	Pyrene	1.7	U
21-11229	MD21-01-0095	91.5–92.5	Qbt 2	Diesel-range organics	26	UJ
21-11229	MD21-01-0095	91.5–92.5	Qbt 2	Gasoline-range organics	0.11	U
21-11229	MD21-01-0095	91.5–92.5	Qbt 2	Benzene	0.0062	U
21-11229	MD21-01-0095	91.5–92.5	Qbt 2	Ethylbenzene	0.0062	U
21-11229	MD21-01-0095	91.5–92.5	Qbt 2	Toluene	0.0062	U
21-11229	MD21-01-0095	91.5–92.5	Qbt 2	Xylene (total)	0.0062	U
21-11229	MD21-01-0095	91.5–92.5	Qbt 2	Xylene[1,2-]	0.0031	U
21-11230	MD21-01-0096	39–39.5	Qbt 3	Lead	5.3	None
21-11230	MD21-01-0096	39–39.5	Qbt 3	Acenaphthene	0.37	U
21-11230	MD21-01-0096	39–39.5	Qbt 3	Anthracene	0.37	U
21-11230	MD21-01-0096	39–39.5	Qbt 3	Benzo(a)anthracene	0.37	U
21-11230	MD21-01-0096	39–39.5	Qbt 3	Benzo(a)pyrene	0.37	U
21-11230	MD21-01-0096	39–39.5	Qbt 3	Benzo(b)fluoranthene	0.37	U
21-11230	MD21-01-0096	39–39.5	Qbt 3	Benzo(k)fluoranthene	0.37	U
21-11230	MD21-01-0096	39–39.5	Qbt 3	Chrysene	0.37	U
21-11230	MD21-01-0096	39–39.5	Qbt 3	Dibenz(a,h)anthracene	0.37	U
21-11230	MD21-01-0096	39–39.5	Qbt 3	Fluoranthene	0.37	U
21-11230	MD21-01-0096	39–39.5	Qbt 3	Fluorene	0.37	U
21-11230	MD21-01-0096	39–39.5	Qbt 3	Methylnaphthalene[2-]	0.37	U
21-11230	MD21-01-0096	39–39.5	Qbt 3	Naphthalene	0.37	U
21-11230	MD21-01-0096	39–39.5	Qbt 3	Phenanthrene	0.37	U
21-11230	MD21-01-0096	39–39.5	Qbt 3	Pyrene	1.8	U
21-11230	MD21-01-0096	39–39.5	Qbt 3	Diesel-range organics	28	U
21-11230	MD21-01-0096	39–39.5	Qbt 3	Gasoline-range organics	0.11	U
21-11230	MD21-01-0096	39–39.5	Qbt 3	Benzene	0.0063	U
21-11230	MD21-01-0096	39–39.5	Qbt 3	Ethylbenzene	0.0063	U
21-11230	MD21-01-0096	39–39.5	Qbt 3	Toluene	0.0063	U
21-11230	MD21-01-0096	39–39.5	Qbt 3	Xylene (total)	0.0063	U
21-11230	MD21-01-0096	39–39.5	Qbt 3	Xylene[1,2-]	0.0032	U
21-11230	MD21-01-0097	54.3–55	Qbt 3	Lead	8.4	None
21-11230	MD21-01-0097	54.3–55	Qbt 3	Acenaphthene	0.39	UJ
21-11230	MD21-01-0097	54.3–55	Qbt 3	Anthracene	0.39	UJ
21-11230	MD21-01-0097	54.3–55	Qbt 3	Benzo(a)anthracene	0.39	U
21-11230	MD21-01-0097	54.3–55	Qbt 3	Benzo(a)pyrene	0.39	U

Table D-5.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Report Qualifier
21-11230	MD21-01-0097	54.3–55	Qbt 3	Benzo(b)fluoranthene	0.39	U
21-11230	MD21-01-0097	54.3–55	Qbt 3	Benzo(k)fluoranthene	0.39	U
21-11230	MD21-01-0097	54.3–55	Qbt 3	Chrysene	0.39	U
21-11230	MD21-01-0097	54.3–55	Qbt 3	Dibenz(a,h)anthracene	0.39	U
21-11230	MD21-01-0097	54.3–55	Qbt 3	Fluoranthene	0.39	UJ
21-11230	MD21-01-0097	54.3–55	Qbt 3	Fluorene	0.39	UJ
21-11230	MD21-01-0097	54.3–55	Qbt 3	Methylnaphthalene[2-]	0.39	UJ
21-11230	MD21-01-0097	54.3–55	Qbt 3	Naphthalene	0.39	UJ
21-11230	MD21-01-0097	54.3–55	Qbt 3	Phenanthrene	0.39	UJ
21-11230	MD21-01-0097	54.3–55	Qbt 3	Pyrene	1.9	U
21-11230	MD21-01-0097	54.3–55	Qbt 3	Diesel-range organics	29	U
21-11230	MD21-01-0097	54.3–55	Qbt 3	Gasoline-range organics	0.12	U
21-11230	MD21-01-0097	54.3–55	Qbt 3	Benzene	0.0059	U
21-11230	MD21-01-0097	54.3–55	Qbt 3	Ethylbenzene	0.0059	U
21-11230	MD21-01-0097	54.3–55	Qbt 3	Toluene	0.0059	U
21-11230	MD21-01-0097	54.3–55	Qbt 3	Xylene (total)	0.0059	U
21-11230	MD21-01-0097	54.3–55	Qbt 3	Xylene[1,2-]	0.003	U
21-11229	MD21-01-0098	38.4–39.3	Qbt 3	Lead	5.4	None
21-11229	MD21-01-0098	38.4–39.3	Qbt 3	Diesel-range organics	51	None
21-11229	MD21-01-0098	38.4–39.3	Qbt 3	Gasoline-range organics	0.11	U
21-11230	MD21-01-0099	104.2–105	Qbt 2	Lead	4.5	None
21-11230	MD21-01-0099	104.2–105	Qbt 2	Acenaphthene	0.35	UJ
21-11230	MD21-01-0099	104.2–105	Qbt 2	Anthracene	0.35	UJ
21-11230	MD21-01-0099	104.2–105	Qbt 2	Benzo(a)anthracene	0.35	UJ
21-11230	MD21-01-0099	104.2–105	Qbt 2	Benzo(a)pyrene	0.35	UJ
21-11230	MD21-01-0099	104.2–105	Qbt 2	Benzo(b)fluoranthene	0.35	UJ
21-11230	MD21-01-0099	104.2–105	Qbt 2	Benzo(k)fluoranthene	0.35	UJ
21-11230	MD21-01-0099	104.2–105	Qbt 2	Chrysene	0.35	UJ
21-11230	MD21-01-0099	104.2–105	Qbt 2	Dibenz(a,h)anthracene	0.35	UJ
21-11230	MD21-01-0099	104.2–105	Qbt 2	Fluoranthene	0.35	UJ
21-11230	MD21-01-0099	104.2–105	Qbt 2	Fluorene	0.35	UJ
21-11230	MD21-01-0099	104.2–105	Qbt 2	Methylnaphthalene[2-]	0.35	UJ
21-11230	MD21-01-0099	104.2–105	Qbt 2	Naphthalene	0.35	UJ
21-11230	MD21-01-0099	104.2–105	Qbt 2	Phenanthrene	0.35	UJ
21-11230	MD21-01-0099	104.2–105	Qbt 2	Pyrene	1.7	UJ
21-11230	MD21-01-0099	104.2–105	Qbt 2	Diesel-range organics	27	U
21-11230	MD21-01-0099	104.2–105	Qbt 2	Gasoline-range organics	0.11	U
21-11230	MD21-01-0099	104.2–105	Qbt 2	Benzene	0.0055	U
21-11230	MD21-01-0099	104.2–105	Qbt 2	Ethylbenzene	0.0055	U
21-11230	MD21-01-0099	104.2–105	Qbt 2	Toluene	0.0055	U
21-11230	MD21-01-0099	104.2–105	Qbt 2	Xylene (total)	0.0055	U
21-11230	MD21-01-0099	104.2–105	Qbt 2	Xylene[1,2-]	0.0055	U
21-11231	MD21-01-0100	32–32.5	Qbt 3	Lead	7.7	J+
21-11231	MD21-01-0100	32–32.5	Qbt 3	Acenaphthene	0.36	U
21-11231	MD21-01-0100	32–32.5	Qbt 3	Anthracene	0.36	U
21-11231	MD21-01-0100	32–32.5	Qbt 3	Benzo(a)anthracene	0.36	U
21-11231	MD21-01-0100	32–32.5	Qbt 3	Benzo(a)pyrene	0.36	U

Table D-5.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Report Qualifier
21-11231	MD21-01-0100	32–32.5	Qbt 3	Benzo(b)fluoranthene	0.36	U
21-11231	MD21-01-0100	32–32.5	Qbt 3	Benzo(k)fluoranthene	0.36	U
21-11231	MD21-01-0100	32–32.5	Qbt 3	Chrysene	0.36	U
21-11231	MD21-01-0100	32–32.5	Qbt 3	Dibenz(a,h)anthracene	0.36	U
21-11231	MD21-01-0100	32–32.5	Qbt 3	Fluoranthene	0.36	U
21-11231	MD21-01-0100	32–32.5	Qbt 3	Fluorene	0.36	U
21-11231	MD21-01-0100	32–32.5	Qbt 3	Methylnaphthalene[2-]	0.36	U
21-11231	MD21-01-0100	32–32.5	Qbt 3	Naphthalene	0.36	U
21-11231	MD21-01-0100	32–32.5	Qbt 3	Phenanthrene	0.36	U
21-11231	MD21-01-0100	32–32.5	Qbt 3	Pyrene	1.7	U
21-11231	MD21-01-0100	32–32.5	Qbt 3	Diesel-range organics	54	U
21-11231	MD21-01-0100	32–32.5	Qbt 3	Gasoline-range organics	0.11	U
21-11231	MD21-01-0100	32–32.5	Qbt 3	Benzene	0.0057	U
21-11231	MD21-01-0100	32–32.5	Qbt 3	Ethylbenzene	0.0057	U
21-11231	MD21-01-0100	32–32.5	Qbt 3	Toluene	0.0057	U
21-11231	MD21-01-0100	32–32.5	Qbt 3	Xylene (total)	0.0057	U
21-11231	MD21-01-0100	32–32.5	Qbt 3	Xylene[1,2-]	0.0029	U
21-11230	MD21-01-0101	89–90	Qbt 3	Lead	2.9	J+
21-11230	MD21-01-0101	89–90	Qbt 3	Acenaphthene	0.35	U
21-11230	MD21-01-0101	89–90	Qbt 3	Anthracene	0.35	U
21-11230	MD21-01-0101	89–90	Qbt 3	Benzo(a)anthracene	0.35	U
21-11230	MD21-01-0101	89–90	Qbt 3	Benzo(a)pyrene	0.35	U
21-11230	MD21-01-0101	89–90	Qbt 3	Benzo(b)fluoranthene	0.35	U
21-11230	MD21-01-0101	89–90	Qbt 3	Benzo(k)fluoranthene	0.35	U
21-11230	MD21-01-0101	89–90	Qbt 3	Chrysene	0.35	U
21-11230	MD21-01-0101	89–90	Qbt 3	Dibenz(a,h)anthracene	0.35	U
21-11230	MD21-01-0101	89–90	Qbt 3	Fluoranthene	0.35	U
21-11230	MD21-01-0101	89–90	Qbt 3	Fluorene	0.35	U
21-11230	MD21-01-0101	89–90	Qbt 3	Methylnaphthalene[2-]	0.35	U
21-11230	MD21-01-0101	89–90	Qbt 3	Naphthalene	0.35	U
21-11230	MD21-01-0101	89–90	Qbt 3	Phenanthrene	0.35	U
21-11230	MD21-01-0101	89–90	Qbt 3	Pyrene	1.7	U
21-11230	MD21-01-0101	89–90	Qbt 3	Diesel-range organics	28	U
21-11230	MD21-01-0101	89–90	Qbt 3	Gasoline-range organics	0.11	U
21-11230	MD21-01-0101	89–90	Qbt 3	Benzene	0.0057	U
21-11230	MD21-01-0101	89–90	Qbt 3	Ethylbenzene	0.0057	U
21-11230	MD21-01-0101	89–90	Qbt 3	Toluene	0.0057	U
21-11230	MD21-01-0101	89–90	Qbt 3	Xylene (total)	0.0057	U
21-11230	MD21-01-0101	89–90	Qbt 3	Xylene[1,2-]	0.0028	U
21-11231	MD21-01-0102	5.8–6	Qbt 3	Lead	11.3	J+
21-11231	MD21-01-0102	5.8–6	Qbt 3	Acenaphthene	0.36	U
21-11231	MD21-01-0102	5.8–6	Qbt 3	Anthracene	0.36	U
21-11231	MD21-01-0102	5.8–6	Qbt 3	Benzo(a)anthracene	0.36	U
21-11231	MD21-01-0102	5.8–6	Qbt 3	Benzo(a)pyrene	0.36	U
21-11231	MD21-01-0102	5.8–6	Qbt 3	Benzo(b)fluoranthene	0.36	U
21-11231	MD21-01-0102	5.8–6	Qbt 3	Benzo(k)fluoranthene	0.36	U
21-11231	MD21-01-0102	5.8–6	Qbt 3	Chrysene	0.36	U

Table D-5.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Report Qualifier
21-11231	MD21-01-0102	5.8–6	Qbt 3	Dibenz(a,h)anthracene	0.36	U
21-11231	MD21-01-0102	5.8–6	Qbt 3	Fluoranthene	0.36	U
21-11231	MD21-01-0102	5.8–6	Qbt 3	Fluorene	0.36	U
21-11231	MD21-01-0102	5.8–6	Qbt 3	Methylnaphthalene[2-]	0.36	U
21-11231	MD21-01-0102	5.8–6	Qbt 3	Naphthalene	0.36	U
21-11231	MD21-01-0102	5.8–6	Qbt 3	Phenanthrene	0.36	U
21-11231	MD21-01-0102	5.8–6	Qbt 3	Pyrene	1.7	U
21-11231	MD21-01-0102	5.8–6	Qbt 3	Diesel-range organics	42	U
21-11231	MD21-01-0102	5.8–6	Qbt 3	Gasoline-range organics	0.11	U
21-11231	MD21-01-0102	5.8–6	Qbt 3	Benzene	0.0062	U
21-11231	MD21-01-0102	5.8–6	Qbt 3	Ethylbenzene	0.0062	U
21-11231	MD21-01-0102	5.8–6	Qbt 3	Toluene	0.0062	U
21-11231	MD21-01-0102	5.8–6	Qbt 3	Xylene (total)	0.0062	U
21-11231	MD21-01-0102	5.8–6	Qbt 3	Xylene[1,2-]	0.0031	U
21-11231	MD21-01-0103	24–25	Qbt 3	Lead	5.2	J+
21-11231	MD21-01-0103	24–25	Qbt 3	Acenaphthene	0.34	U
21-11231	MD21-01-0103	24–25	Qbt 3	Anthracene	0.34	U
21-11231	MD21-01-0103	24–25	Qbt 3	Benzo(a)anthracene	0.34	U
21-11231	MD21-01-0103	24–25	Qbt 3	Benzo(a)pyrene	0.34	U
21-11231	MD21-01-0103	24–25	Qbt 3	Benzo(b)fluoranthene	0.34	U
21-11231	MD21-01-0103	24–25	Qbt 3	Benzo(k)fluoranthene	0.34	U
21-11231	MD21-01-0103	24–25	Qbt 3	Chrysene	0.34	U
21-11231	MD21-01-0103	24–25	Qbt 3	Dibenz(a,h)anthracene	0.34	U
21-11231	MD21-01-0103	24–25	Qbt 3	Fluoranthene	0.34	U
21-11231	MD21-01-0103	24–25	Qbt 3	Fluorene	0.34	U
21-11231	MD21-01-0103	24–25	Qbt 3	Methylnaphthalene[2-]	0.34	U
21-11231	MD21-01-0103	24–25	Qbt 3	Naphthalene	0.34	U
21-11231	MD21-01-0103	24–25	Qbt 3	Phenanthrene	0.34	U
21-11231	MD21-01-0103	24–25	Qbt 3	Pyrene	1.7	U
21-11231	MD21-01-0103	24–25	Qbt 3	Diesel-range organics	26	U
21-11231	MD21-01-0103	24–25	Qbt 3	Gasoline-range organics	0.1	U
21-11231	MD21-01-0103	24–25	Qbt 3	Benzene	0.0059	U
21-11231	MD21-01-0103	24–25	Qbt 3	Ethylbenzene	0.0059	U
21-11231	MD21-01-0103	24–25	Qbt 3	Toluene	0.0059	U
21-11231	MD21-01-0103	24–25	Qbt 3	Xylene (total)	0.0059	U
21-11231	MD21-01-0103	24–25	Qbt 3	Xylene[1,2-]	0.0029	U
21-11231	MD21-01-0104	29–30	Qbt 3	Lead	5	J+
21-11231	MD21-01-0104	29–30	Qbt 3	Acenaphthene	0.35	U
21-11231	MD21-01-0104	29–30	Qbt 3	Anthracene	0.35	U
21-11231	MD21-01-0104	29–30	Qbt 3	Benzo(a)anthracene	0.35	U
21-11231	MD21-01-0104	29–30	Qbt 3	Benzo(a)pyrene	0.35	U
21-11231	MD21-01-0104	29–30	Qbt 3	Benzo(b)fluoranthene	0.35	U
21-11231	MD21-01-0104	29–30	Qbt 3	Benzo(k)fluoranthene	0.35	U
21-11231	MD21-01-0104	29–30	Qbt 3	Chrysene	0.35	U
21-11231	MD21-01-0104	29–30	Qbt 3	Dibenz(a,h)anthracene	0.35	U
21-11231	MD21-01-0104	29–30	Qbt 3	Fluoranthene	0.35	U
21-11231	MD21-01-0104	29–30	Qbt 3	Fluorene	0.35	U

Table D-5.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Report Qualifier
21-11231	MD21-01-0104	29–30	Qbt 3	Methylnaphthalene[2-]	0.35	U
21-11231	MD21-01-0104	29–30	Qbt 3	Naphthalene	0.35	U
21-11231	MD21-01-0104	29–30	Qbt 3	Phenanthrene	0.35	U
21-11231	MD21-01-0104	29–30	Qbt 3	Pyrene	1.7	U
21-11231	MD21-01-0104	29–30	Qbt 3	Diesel-range organics	27	U
21-11231	MD21-01-0104	29–30	Qbt 3	Gasoline-range organics	0.11	U
21-11231	MD21-01-0104	29–30	Qbt 3	Benzene	0.006	U
21-11231	MD21-01-0104	29–30	Qbt 3	Ethylbenzene	0.006	U
21-11231	MD21-01-0104	29–30	Qbt 3	Toluene	0.006	U
21-11231	MD21-01-0104	29–30	Qbt 3	Xylene (total)	0.006	U
21-11231	MD21-01-0104	29–30	Qbt 3	Xylene[1,2-]	0.003	U
21-11231	MD21-01-0105	34–35	Qbt 3	Lead	12.5	J+
21-11231	MD21-01-0105	34–35	Qbt 3	Acenaphthene	0.37	U
21-11231	MD21-01-0105	34–35	Qbt 3	Anthracene	0.37	U
21-11231	MD21-01-0105	34–35	Qbt 3	Benzo(a)anthracene	0.37	U
21-11231	MD21-01-0105	34–35	Qbt 3	Benzo(a)pyrene	0.37	U
21-11231	MD21-01-0105	34–35	Qbt 3	Benzo(b)fluoranthene	0.37	U
21-11231	MD21-01-0105	34–35	Qbt 3	Benzo(k)fluoranthene	0.37	U
21-11231	MD21-01-0105	34–35	Qbt 3	Chrysene	0.37	U
21-11231	MD21-01-0105	34–35	Qbt 3	Dibenz(a,h)anthracene	0.37	U
21-11231	MD21-01-0105	34–35	Qbt 3	Fluoranthene	0.37	U
21-11231	MD21-01-0105	34–35	Qbt 3	Fluorene	0.37	U
21-11231	MD21-01-0105	34–35	Qbt 3	Methylnaphthalene[2-]	0.37	U
21-11231	MD21-01-0105	34–35	Qbt 3	Naphthalene	0.37	U
21-11231	MD21-01-0105	34–35	Qbt 3	Phenanthrene	0.37	U
21-11231	MD21-01-0105	34–35	Qbt 3	Pyrene	1.8	U
21-11231	MD21-01-0105	34–35	Qbt 3	Diesel-range organics	29	U
21-11231	MD21-01-0105	34–35	Qbt 3	Gasoline-range organics	0.11	U
21-11231	MD21-01-0105	34–35	Qbt 3	Benzene	0.0051	U
21-11231	MD21-01-0105	34–35	Qbt 3	Ethylbenzene	0.0051	U
21-11231	MD21-01-0105	34–35	Qbt 3	Toluene	0.0051	U
21-11231	MD21-01-0105	34–35	Qbt 3	Xylene (total)	0.0051	U
21-11231	MD21-01-0105	34–35	Qbt 3	Xylene[1,2-]	0.0026	U
21-11231	MD21-01-0106	38.8–39.8	Qbt 3	Lead	8.9	None
21-11231	MD21-01-0106	38.8–39.8	Qbt 3	Acenaphthene	0.36	UJ
21-11231	MD21-01-0106	38.8–39.8	Qbt 3	Anthracene	0.36	UJ
21-11231	MD21-01-0106	38.8–39.8	Qbt 3	Benzo(a)anthracene	0.36	UJ
21-11231	MD21-01-0106	38.8–39.8	Qbt 3	Benzo(a)pyrene	0.36	UJ
21-11231	MD21-01-0106	38.8–39.8	Qbt 3	Benzo(b)fluoranthene	0.36	UJ
21-11231	MD21-01-0106	38.8–39.8	Qbt 3	Benzo(k)fluoranthene	0.36	UJ
21-11231	MD21-01-0106	38.8–39.8	Qbt 3	Chrysene	0.36	UJ
21-11231	MD21-01-0106	38.8–39.8	Qbt 3	Dibenz(a,h)anthracene	0.36	UJ
21-11231	MD21-01-0106	38.8–39.8	Qbt 3	Fluoranthene	0.36	UJ
21-11231	MD21-01-0106	38.8–39.8	Qbt 3	Fluorene	0.36	UJ
21-11231	MD21-01-0106	38.8–39.8	Qbt 3	Methylnaphthalene[2-]	0.36	UJ
21-11231	MD21-01-0106	38.8–39.8	Qbt 3	Naphthalene	0.36	UJ
21-11231	MD21-01-0106	38.8–39.8	Qbt 3	Phenanthrene	0.36	UJ

Table D-5.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Report Qualifier
21-11231	MD21-01-0106	38.8–39.8	Qbt 3	Pyrene	1.7	UJ
21-11231	MD21-01-0106	38.8–39.8	Qbt 3	Diesel-range organics	35	U
21-11231	MD21-01-0106	38.8–39.8	Qbt 3	Gasoline-range organics	0.11	U
21-11231	MD21-01-0106	38.8–39.8	Qbt 3	Benzene	0.0055	U
21-11231	MD21-01-0106	38.8–39.8	Qbt 3	Ethylbenzene	0.0055	U
21-11231	MD21-01-0106	38.8–39.8	Qbt 3	Toluene	0.0055	U
21-11231	MD21-01-0106	38.8–39.8	Qbt 3	Xylene (total)	0.0055	U
21-11231	MD21-01-0106	38.8–39.8	Qbt 3	Xylene[1,2-]	0.0027	U
21-11231	MD21-01-0107	45–45.5	Qbt 3	Lead	5.9	None
21-11231	MD21-01-0107	45–45.5	Qbt 3	Acenaphthene	0.36	UJ
21-11231	MD21-01-0107	45–45.5	Qbt 3	Anthracene	0.36	UJ
21-11231	MD21-01-0107	45–45.5	Qbt 3	Benzo(a)anthracene	0.36	UJ
21-11231	MD21-01-0107	45–45.5	Qbt 3	Benzo(a)pyrene	0.36	UJ
21-11231	MD21-01-0107	45–45.5	Qbt 3	Benzo(b)fluoranthene	0.36	UJ
21-11231	MD21-01-0107	45–45.5	Qbt 3	Benzo(k)fluoranthene	0.36	UJ
21-11231	MD21-01-0107	45–45.5	Qbt 3	Chrysene	0.36	UJ
21-11231	MD21-01-0107	45–45.5	Qbt 3	Dibenz(a,h)anthracene	0.36	UJ
21-11231	MD21-01-0107	45–45.5	Qbt 3	Fluoranthene	0.36	UJ
21-11231	MD21-01-0107	45–45.5	Qbt 3	Fluorene	0.36	UJ
21-11231	MD21-01-0107	45–45.5	Qbt 3	Methylnaphthalene[2-]	0.36	UJ
21-11231	MD21-01-0107	45–45.5	Qbt 3	Naphthalene	0.36	UJ
21-11231	MD21-01-0107	45–45.5	Qbt 3	Phenanthrene	0.36	UJ
21-11231	MD21-01-0107	45–45.5	Qbt 3	Pyrene	1.7	UJ
21-11231	MD21-01-0107	45–45.5	Qbt 3	Diesel-range organics	64	U
21-11231	MD21-01-0107	45–45.5	Qbt 3	Gasoline-range organics	0.36	None
21-11231	MD21-01-0107	45–45.5	Qbt 3	Benzene	0.0053	U
21-11231	MD21-01-0107	45–45.5	Qbt 3	Ethylbenzene	0.0053	U
21-11231	MD21-01-0107	45–45.5	Qbt 3	Toluene	0.0053	U
21-11231	MD21-01-0107	45–45.5	Qbt 3	Xylene (total)	0.0053	U
21-11231	MD21-01-0107	45–45.5	Qbt 3	Xylene[1,2-]	0.0027	U
21-11241	MD21-01-0115	85–86	Qbt 3	Lead	2.5	None
21-11241	MD21-01-0115	85–86	Qbt 3	Acenaphthene	0.34	U
21-11241	MD21-01-0115	85–86	Qbt 3	Anthracene	0.34	U
21-11241	MD21-01-0115	85–86	Qbt 3	Benzo(a)anthracene	0.34	U
21-11241	MD21-01-0115	85–86	Qbt 3	Benzo(a)pyrene	0.34	U
21-11241	MD21-01-0115	85–86	Qbt 3	Benzo(b)fluoranthene	0.34	U
21-11241	MD21-01-0115	85–86	Qbt 3	Benzo(k)fluoranthene	0.34	U
21-11241	MD21-01-0115	85–86	Qbt 3	Chrysene	0.34	U
21-11241	MD21-01-0115	85–86	Qbt 3	Dibenz(a,h)anthracene	0.34	U
21-11241	MD21-01-0115	85–86	Qbt 3	Fluoranthene	0.34	U
21-11241	MD21-01-0115	85–86	Qbt 3	Fluorene	0.34	U
21-11241	MD21-01-0115	85–86	Qbt 3	Methylnaphthalene[2-]	0.34	U
21-11241	MD21-01-0115	85–86	Qbt 3	Naphthalene	0.34	U
21-11241	MD21-01-0115	85–86	Qbt 3	Phenanthrene	0.34	U
21-11241	MD21-01-0115	85–86	Qbt 3	Pyrene	0.34	U
21-11241	MD21-01-0115	85–86	Qbt 3	Diesel-range organics	26	U
21-11241	MD21-01-0115	85–86	Qbt 3	Gasoline-range organics	0.1	U

Table D-5.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Report Qualifier
21-11241	MD21-01-0115	85–86	Qbt 3	Benzene	0.0061	U
21-11241	MD21-01-0115	85–86	Qbt 3	Dibromoethane[1,2-]	0.0061	U
21-11241	MD21-01-0115	85–86	Qbt 3	Dichloroethane[1,2-]	0.0061	U
21-11241	MD21-01-0115	85–86	Qbt 3	Ethylbenzene	0.0061	U
21-11241	MD21-01-0115	85–86	Qbt 3	Toluene	0.0061	U
21-11241	MD21-01-0115	85–86	Qbt 3	Xylene (total)	0.0061	U
21-11241	MD21-01-0116	49–50	Qbt 3	Lead	3.4	None
21-11241	MD21-01-0116	49–50	Qbt 3	Acenaphthene	0.36	U
21-11241	MD21-01-0116	49–50	Qbt 3	Anthracene	0.36	U
21-11241	MD21-01-0116	49–50	Qbt 3	Benzo(a)anthracene	0.36	U
21-11241	MD21-01-0116	49–50	Qbt 3	Benzo(a)pyrene	0.36	U
21-11241	MD21-01-0116	49–50	Qbt 3	Benzo(b)fluoranthene	0.36	U
21-11241	MD21-01-0116	49–50	Qbt 3	Benzo(k)fluoranthene	0.36	U
21-11241	MD21-01-0116	49–50	Qbt 3	Chrysene	0.36	U
21-11241	MD21-01-0116	49–50	Qbt 3	Dibenz(a,h)anthracene	0.36	U
21-11241	MD21-01-0116	49–50	Qbt 3	Fluoranthene	0.36	U
21-11241	MD21-01-0116	49–50	Qbt 3	Fluorene	0.36	U
21-11241	MD21-01-0116	49–50	Qbt 3	Methylnaphthalene[2-]	0.36	U
21-11241	MD21-01-0116	49–50	Qbt 3	Naphthalene	0.36	U
21-11241	MD21-01-0116	49–50	Qbt 3	Phenanthrene	0.36	U
21-11241	MD21-01-0116	49–50	Qbt 3	Pyrene	1.7	U
21-11241	MD21-01-0116	49–50	Qbt 3	Diesel-range organics	27	U
21-11241	MD21-01-0116	49–50	Qbt 3	Gasoline-range organics	0.11	U
21-11241	MD21-01-0116	49–50	Qbt 3	Benzene	0.0065	U
21-11241	MD21-01-0116	49–50	Qbt 3	Ethylbenzene	0.0065	U
21-11241	MD21-01-0116	49–50	Qbt 3	Toluene	0.0065	U
21-11241	MD21-01-0116	49–50	Qbt 3	Xylene (total)	0.0065	U
21-11241	MD21-01-0116	49–50	Qbt 3	Xylene[1,2-]	0.0032	U
21-11241	MD21-01-0117	39–40	Qbt 3	Lead	8.6	None
21-11241	MD21-01-0117	39–40	Qbt 3	Acenaphthene	0.35	U
21-11241	MD21-01-0117	39–40	Qbt 3	Anthracene	0.35	U
21-11241	MD21-01-0117	39–40	Qbt 3	Benzo(a)anthracene	0.35	U
21-11241	MD21-01-0117	39–40	Qbt 3	Benzo(a)pyrene	0.35	U
21-11241	MD21-01-0117	39–40	Qbt 3	Benzo(b)fluoranthene	0.35	U
21-11241	MD21-01-0117	39–40	Qbt 3	Benzo(k)fluoranthene	0.35	U
21-11241	MD21-01-0117	39–40	Qbt 3	Chrysene	0.35	U
21-11241	MD21-01-0117	39–40	Qbt 3	Dibenz(a,h)anthracene	0.35	U
21-11241	MD21-01-0117	39–40	Qbt 3	Fluoranthene	0.35	U
21-11241	MD21-01-0117	39–40	Qbt 3	Fluorene	0.35	U
21-11241	MD21-01-0117	39–40	Qbt 3	Methylnaphthalene[2-]	0.35	U
21-11241	MD21-01-0117	39–40	Qbt 3	Naphthalene	0.35	U
21-11241	MD21-01-0117	39–40	Qbt 3	Phenanthrene	0.35	U
21-11241	MD21-01-0117	39–40	Qbt 3	Pyrene	1.7	U
21-11241	MD21-01-0117	39–40	Qbt 3	Diesel-range organics	27	U
21-11241	MD21-01-0117	39–40	Qbt 3	Gasoline-range organics	0.11	U
21-11241	MD21-01-0117	39–40	Qbt 3	Benzene	0.0065	U
21-11241	MD21-01-0117	39–40	Qbt 3	Ethylbenzene	0.0065	U

Table D-5.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Report Qualifier
21-11241	MD21-01-0117	39–40	Qbt 3	Toluene	0.0065	U
21-11241	MD21-01-0117	39–40	Qbt 3	Xylene (total)	0.0065	U
21-11241	MD21-01-0117	39–40	Qbt 3	Xylene[1,2-]	0.0032	U
21-11242	MD21-01-0118	49–50	Qbt 3	Lead	2.5	J+
21-11242	MD21-01-0118	49–50	Qbt 3	Acenaphthene	0.34	U
21-11242	MD21-01-0118	49–50	Qbt 3	Anthracene	0.34	U
21-11242	MD21-01-0118	49–50	Qbt 3	Benzo(a)anthracene	0.34	U
21-11242	MD21-01-0118	49–50	Qbt 3	Benzo(a)pyrene	0.34	U
21-11242	MD21-01-0118	49–50	Qbt 3	Benzo(b)fluoranthene	0.34	U
21-11242	MD21-01-0118	49–50	Qbt 3	Benzo(k)fluoranthene	0.34	U
21-11242	MD21-01-0118	49–50	Qbt 3	Chrysene	0.34	U
21-11242	MD21-01-0118	49–50	Qbt 3	Dibenz(a,h)anthracene	0.34	U
21-11242	MD21-01-0118	49–50	Qbt 3	Fluoranthene	0.34	U
21-11242	MD21-01-0118	49–50	Qbt 3	Fluorene	0.34	U
21-11242	MD21-01-0118	49–50	Qbt 3	Methylnaphthalene[2-]	0.34	U
21-11242	MD21-01-0118	49–50	Qbt 3	Naphthalene	0.34	U
21-11242	MD21-01-0118	49–50	Qbt 3	Phenanthrene	0.34	U
21-11242	MD21-01-0118	49–50	Qbt 3	Pyrene	1.7	U
21-11242	MD21-01-0118	49–50	Qbt 3	Diesel-range organics	26	U
21-11242	MD21-01-0118	49–50	Qbt 3	Gasoline-range organics	0.1	U
21-11242	MD21-01-0118	49–50	Qbt 3	Benzene	0.0068	U
21-11242	MD21-01-0118	49–50	Qbt 3	Ethylbenzene	0.0068	U
21-11242	MD21-01-0118	49–50	Qbt 3	Toluene	0.0068	U
21-11242	MD21-01-0118	49–50	Qbt 3	Xylene (total)	0.0068	U
21-11242	MD21-01-0118	49–50	Qbt 3	Xylene[1,2-]	0.0034	U
21-11242	MD21-01-0119	59–60	Qbt 3	Lead	2.7	J+
21-11242	MD21-01-0119	59–60	Qbt 3	Acenaphthene	0.34	U
21-11242	MD21-01-0119	59–60	Qbt 3	Anthracene	0.34	U
21-11242	MD21-01-0119	59–60	Qbt 3	Benzo(a)anthracene	0.34	U
21-11242	MD21-01-0119	59–60	Qbt 3	Benzo(a)pyrene	0.34	U
21-11242	MD21-01-0119	59–60	Qbt 3	Benzo(b)fluoranthene	0.34	U
21-11242	MD21-01-0119	59–60	Qbt 3	Benzo(k)fluoranthene	0.34	U
21-11242	MD21-01-0119	59–60	Qbt 3	Chrysene	0.34	U
21-11242	MD21-01-0119	59–60	Qbt 3	Dibenz(a,h)anthracene	0.34	U
21-11242	MD21-01-0119	59–60	Qbt 3	Fluoranthene	0.34	U
21-11242	MD21-01-0119	59–60	Qbt 3	Fluorene	0.34	U
21-11242	MD21-01-0119	59–60	Qbt 3	Methylnaphthalene[2-]	0.34	U
21-11242	MD21-01-0119	59–60	Qbt 3	Naphthalene	0.34	U
21-11242	MD21-01-0119	59–60	Qbt 3	Phenanthrene	0.34	U
21-11242	MD21-01-0119	59–60	Qbt 3	Pyrene	1.7	U
21-11242	MD21-01-0119	59–60	Qbt 3	Diesel-range organics	26	U
21-11242	MD21-01-0119	59–60	Qbt 3	Gasoline-range organics	0.1	U
21-11242	MD21-01-0119	59–60	Qbt 3	Benzene	0.0062	U
21-11242	MD21-01-0119	59–60	Qbt 3	Ethylbenzene	0.0062	U
21-11242	MD21-01-0119	59–60	Qbt 3	Toluene	0.0062	U
21-11242	MD21-01-0119	59–60	Qbt 3	Xylene (total)	0.0062	U
21-11242	MD21-01-0119	59–60	Qbt 3	Xylene[1,2-]	0.0031	U

Table D-5.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Report Qualifier
21-11242	MD21-01-0120	74–75	Qbt 3	Lead	1.8	J+
21-11242	MD21-01-0120	74–75	Qbt 3	Acenaphthene	0.34	U
21-11242	MD21-01-0120	74–75	Qbt 3	Anthracene	0.34	U
21-11242	MD21-01-0120	74–75	Qbt 3	Benzo(a)anthracene	0.34	U
21-11242	MD21-01-0120	74–75	Qbt 3	Benzo(a)pyrene	0.34	U
21-11242	MD21-01-0120	74–75	Qbt 3	Benzo(b)fluoranthene	0.34	U
21-11242	MD21-01-0120	74–75	Qbt 3	Benzo(k)fluoranthene	0.34	U
21-11242	MD21-01-0120	74–75	Qbt 3	Chrysene	0.34	U
21-11242	MD21-01-0120	74–75	Qbt 3	Dibenz(a,h)anthracene	0.34	U
21-11242	MD21-01-0120	74–75	Qbt 3	Fluoranthene	0.34	U
21-11242	MD21-01-0120	74–75	Qbt 3	Fluorene	0.34	U
21-11242	MD21-01-0120	74–75	Qbt 3	Methylnaphthalene[2-]	0.34	U
21-11242	MD21-01-0120	74–75	Qbt 3	Naphthalene	0.34	U
21-11242	MD21-01-0120	74–75	Qbt 3	Phenanthrene	0.34	U
21-11242	MD21-01-0120	74–75	Qbt 3	Pyrene	1.7	U
21-11242	MD21-01-0120	74–75	Qbt 3	Diesel-range organics	26	U
21-11242	MD21-01-0120	74–75	Qbt 3	Gasoline-range organics	0.1	U
21-11242	MD21-01-0120	74–75	Qbt 3	Benzene	0.0068	U
21-11242	MD21-01-0120	74–75	Qbt 3	Ethylbenzene	0.0068	U
21-11242	MD21-01-0120	74–75	Qbt 3	Toluene	0.0068	U
21-11242	MD21-01-0120	74–75	Qbt 3	Xylene (total)	0.0068	U
21-11242	MD21-01-0120	74–75	Qbt 3	Xylene[1,2-]	0.0034	U
21-11242	MD21-01-0121	79–80	Qbt 3	Lead	2.1	J+
21-11242	MD21-01-0121	79–80	Qbt 3	Acenaphthene	0.34	U
21-11242	MD21-01-0121	79–80	Qbt 3	Anthracene	0.34	U
21-11242	MD21-01-0121	79–80	Qbt 3	Benzo(a)anthracene	0.34	U
21-11242	MD21-01-0121	79–80	Qbt 3	Benzo(a)pyrene	0.34	U
21-11242	MD21-01-0121	79–80	Qbt 3	Benzo(b)fluoranthene	0.34	U
21-11242	MD21-01-0121	79–80	Qbt 3	Benzo(k)fluoranthene	0.34	U
21-11242	MD21-01-0121	79–80	Qbt 3	Chrysene	0.34	U
21-11242	MD21-01-0121	79–80	Qbt 3	Dibenz(a,h)anthracene	0.34	U
21-11242	MD21-01-0121	79–80	Qbt 3	Fluoranthene	0.34	U
21-11242	MD21-01-0121	79–80	Qbt 3	Fluorene	0.34	U
21-11242	MD21-01-0121	79–80	Qbt 3	Methylnaphthalene[2-]	0.34	U
21-11242	MD21-01-0121	79–80	Qbt 3	Naphthalene	0.34	U
21-11242	MD21-01-0121	79–80	Qbt 3	Phenanthrene	0.34	U
21-11242	MD21-01-0121	79–80	Qbt 3	Pyrene	1.7	U
21-11242	MD21-01-0121	79–80	Qbt 3	Diesel-range organics	26	U
21-11242	MD21-01-0121	79–80	Qbt 3	Gasoline-range organics	0.1	U
21-11242	MD21-01-0121	79–80	Qbt 3	Benzene	0.0064	U
21-11242	MD21-01-0121	79–80	Qbt 3	Ethylbenzene	0.0064	U
21-11242	MD21-01-0121	79–80	Qbt 3	Toluene	0.0064	U
21-11242	MD21-01-0121	79–80	Qbt 3	Xylene (total)	0.0064	U
21-11242	MD21-01-0121	79–80	Qbt 3	Xylene[1,2-]	0.0032	U
21-11242	MD21-01-0122	94–94.5	Qbt 2	Lead	2.4	J+
21-11242	MD21-01-0122	94–94.5	Qbt 2	Acenaphthene	0.34	U
21-11242	MD21-01-0122	94–94.5	Qbt 2	Anthracene	0.34	U

Table D-5.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Report Qualifier
21-11242	MD21-01-0122	94–94.5	Qbt 2	Benzo(a)anthracene	0.34	U
21-11242	MD21-01-0122	94–94.5	Qbt 2	Benzo(a)pyrene	0.34	U
21-11242	MD21-01-0122	94–94.5	Qbt 2	Benzo(b)fluoranthene	0.34	U
21-11242	MD21-01-0122	94–94.5	Qbt 2	Benzo(k)fluoranthene	0.34	U
21-11242	MD21-01-0122	94–94.5	Qbt 2	Chrysene	0.34	U
21-11242	MD21-01-0122	94–94.5	Qbt 2	Dibenz(a,h)anthracene	0.34	U
21-11242	MD21-01-0122	94–94.5	Qbt 2	Fluoranthene	0.34	U
21-11242	MD21-01-0122	94–94.5	Qbt 2	Fluorene	0.34	U
21-11242	MD21-01-0122	94–94.5	Qbt 2	Methylnaphthalene[2-]	0.34	U
21-11242	MD21-01-0122	94–94.5	Qbt 2	Naphthalene	0.34	U
21-11242	MD21-01-0122	94–94.5	Qbt 2	Phenanthrene	0.34	U
21-11242	MD21-01-0122	94–94.5	Qbt 2	Pyrene	1.7	U
21-11242	MD21-01-0122	94–94.5	Qbt 2	Diesel-range organics	26	U
21-11242	MD21-01-0122	94–94.5	Qbt 2	Gasoline-range organics	0.1	U
21-11242	MD21-01-0122	94–94.5	Qbt 2	Benzene	0.0081	U
21-11242	MD21-01-0122	94–94.5	Qbt 2	Ethylbenzene	0.0081	U
21-11242	MD21-01-0122	94–94.5	Qbt 2	Toluene	0.0081	U
21-11242	MD21-01-0122	94–94.5	Qbt 2	Xylene (total)	0.0081	U
21-11242	MD21-01-0122	94–94.5	Qbt 2	Xylene[1,2-]	0.004	U
21-11243	MD21-01-0123	84–85	Qbt 3	Lead	3.3	J+
21-11243	MD21-01-0123	84–85	Qbt 3	Acenaphthene	0.35	U
21-11243	MD21-01-0123	84–85	Qbt 3	Anthracene	0.35	U
21-11243	MD21-01-0123	84–85	Qbt 3	Benzo(a)anthracene	0.35	U
21-11243	MD21-01-0123	84–85	Qbt 3	Benzo(a)pyrene	0.35	U
21-11243	MD21-01-0123	84–85	Qbt 3	Benzo(b)fluoranthene	0.35	U
21-11243	MD21-01-0123	84–85	Qbt 3	Benzo(k)fluoranthene	0.35	U
21-11243	MD21-01-0123	84–85	Qbt 3	Chrysene	0.35	U
21-11243	MD21-01-0123	84–85	Qbt 3	Dibenz(a,h)anthracene	0.35	U
21-11243	MD21-01-0123	84–85	Qbt 3	Fluoranthene	0.35	U
21-11243	MD21-01-0123	84–85	Qbt 3	Fluorene	0.35	U
21-11243	MD21-01-0123	84–85	Qbt 3	Methylnaphthalene[2-]	0.35	U
21-11243	MD21-01-0123	84–85	Qbt 3	Naphthalene	0.35	U
21-11243	MD21-01-0123	84–85	Qbt 3	Phenanthrene	0.35	U
21-11243	MD21-01-0123	84–85	Qbt 3	Pyrene	1.7	U
21-11243	MD21-01-0123	84–85	Qbt 3	Diesel-range organics	26	U
21-11243	MD21-01-0123	84–85	Qbt 3	Gasoline-range organics	0.11	U
21-11243	MD21-01-0123	84–85	Qbt 3	Benzene	0.006	U
21-11243	MD21-01-0123	84–85	Qbt 3	Ethylbenzene	0.006	U
21-11243	MD21-01-0123	84–85	Qbt 3	Toluene	0.006	U
21-11243	MD21-01-0123	84–85	Qbt 3	Xylene (total)	0.006	U
21-11243	MD21-01-0123	84–85	Qbt 3	Xylene[1,2-]	0.003	U
21-11243	MD21-01-0124	44–45	Qbt 3	Lead	6.6	J+
21-11243	MD21-01-0124	44–45	Qbt 3	Acenaphthene	0.34	U
21-11243	MD21-01-0124	44–45	Qbt 3	Anthracene	0.34	U
21-11243	MD21-01-0124	44–45	Qbt 3	Benzo(a)anthracene	0.34	U
21-11243	MD21-01-0124	44–45	Qbt 3	Benzo(a)pyrene	0.34	U
21-11243	MD21-01-0124	44–45	Qbt 3	Benzo(b)fluoranthene	0.34	U

Table D-5.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Report Qualifier
21-11243	MD21-01-0124	44–45	Qbt 3	Benzo(k)fluoranthene	0.34	U
21-11243	MD21-01-0124	44–45	Qbt 3	Chrysene	0.34	U
21-11243	MD21-01-0124	44–45	Qbt 3	Dibenz(a,h)anthracene	0.34	U
21-11243	MD21-01-0124	44–45	Qbt 3	Fluoranthene	0.34	U
21-11243	MD21-01-0124	44–45	Qbt 3	Fluorene	0.34	U
21-11243	MD21-01-0124	44–45	Qbt 3	Methylnaphthalene[2-]	0.34	U
21-11243	MD21-01-0124	44–45	Qbt 3	Naphthalene	0.34	U
21-11243	MD21-01-0124	44–45	Qbt 3	Phenanthrene	0.34	U
21-11243	MD21-01-0124	44–45	Qbt 3	Pyrene	1.6	U
21-11243	MD21-01-0124	44–45	Qbt 3	Diesel-range organics	51	U
21-11243	MD21-01-0124	44–45	Qbt 3	Gasoline-range organics	0.1	U
21-11243	MD21-01-0124	44–45	Qbt 3	Benzene	0.0057	UJ
21-11243	MD21-01-0124	44–45	Qbt 3	Ethylbenzene	0.0057	U
21-11243	MD21-01-0124	44–45	Qbt 3	Toluene	0.0057	UJ
21-11243	MD21-01-0124	44–45	Qbt 3	Xylene (total)	0.0057	U
21-11243	MD21-01-0124	44–45	Qbt 3	Xylene[1,2-]	0.0028	U
21-11243	MD21-01-0125	39–40	Qbt 3	Lead	5.2	J+
21-11243	MD21-01-0125	39–40	Qbt 3	Acenaphthene	0.34	U
21-11243	MD21-01-0125	39–40	Qbt 3	Anthracene	0.34	U
21-11243	MD21-01-0125	39–40	Qbt 3	Benzo(a)anthracene	0.34	U
21-11243	MD21-01-0125	39–40	Qbt 3	Benzo(a)pyrene	0.34	U
21-11243	MD21-01-0125	39–40	Qbt 3	Benzo(b)fluoranthene	0.34	U
21-11243	MD21-01-0125	39–40	Qbt 3	Benzo(k)fluoranthene	0.34	U
21-11243	MD21-01-0125	39–40	Qbt 3	Chrysene	0.34	U
21-11243	MD21-01-0125	39–40	Qbt 3	Dibenz(a,h)anthracene	0.34	U
21-11243	MD21-01-0125	39–40	Qbt 3	Fluoranthene	0.34	U
21-11243	MD21-01-0125	39–40	Qbt 3	Fluorene	0.34	U
21-11243	MD21-01-0125	39–40	Qbt 3	Methylnaphthalene[2-]	0.34	U
21-11243	MD21-01-0125	39–40	Qbt 3	Naphthalene	0.34	U
21-11243	MD21-01-0125	39–40	Qbt 3	Phenanthrene	0.34	U
21-11243	MD21-01-0125	39–40	Qbt 3	Pyrene	1.7	U
21-11243	MD21-01-0125	39–40	Qbt 3	Diesel-range organics	52	U
21-11243	MD21-01-0125	39–40	Qbt 3	Gasoline-range organics	0.1	U
21-11243	MD21-01-0125	39–40	Qbt 3	Benzene	0.0058	U
21-11243	MD21-01-0125	39–40	Qbt 3	Ethylbenzene	0.0058	U
21-11243	MD21-01-0125	39–40	Qbt 3	Toluene	0.0058	U
21-11243	MD21-01-0125	39–40	Qbt 3	Xylene (total)	0.0058	U
21-11243	MD21-01-0125	39–40	Qbt 3	Xylene[1,2-]	0.0029	U
21-11248	MD21-01-0142	0–0.5	Sediment	Lead	8.8	J-
21-11248	MD21-01-0142	0–0.5	Sediment	Acenaphthene	0.41	U
21-11248	MD21-01-0142	0–0.5	Sediment	Anthracene	0.41	U
21-11248	MD21-01-0142	0–0.5	Sediment	Benzo(a)anthracene	0.41	U
21-11248	MD21-01-0142	0–0.5	Sediment	Benzo(a)pyrene	0.41	U
21-11248	MD21-01-0142	0–0.5	Sediment	Benzo(b)fluoranthene	0.41	U
21-11248	MD21-01-0142	0–0.5	Sediment	Benzo(k)fluoranthene	0.41	U
21-11248	MD21-01-0142	0–0.5	Sediment	Chrysene	0.41	U
21-11248	MD21-01-0142	0–0.5	Sediment	Dibenz(a,h)anthracene	0.41	U

Table D-5.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Report Qualifier
21-11248	MD21-01-0142	0–0.5	Sediment	Fluoranthene	0.41	U
21-11248	MD21-01-0142	0–0.5	Sediment	Fluorene	0.41	U
21-11248	MD21-01-0142	0–0.5	Sediment	Methylnaphthalene[2-]	0.41	U
21-11248	MD21-01-0142	0–0.5	Sediment	Naphthalene	0.41	U
21-11248	MD21-01-0142	0–0.5	Sediment	Phenanthrene	0.41	U
21-11248	MD21-01-0142	0–0.5	Sediment	Pyrene	2	U
21-11248	MD21-01-0142	0–0.5	Sediment	Diesel-range organics	11000	None
21-11248	MD21-01-0142	0–0.5	Sediment	Gasoline-range organics	890	None
21-11248	MD21-01-0142	0–0.5	Sediment	Benzene	0.031	U
21-11248	MD21-01-0142	0–0.5	Sediment	Ethylbenzene	0.031	U
21-11248	MD21-01-0142	0–0.5	Sediment	Toluene	0.031	U
21-11248	MD21-01-0142	0–0.5	Sediment	Xylene (total)	0.031	U
21-11248	MD21-01-0142	0–0.5	Sediment	Xylene[1,2-]	0.015	U
21-11249	MD21-01-0143	1.5–2	Sediment	Lead	7.4	J-
21-11249	MD21-01-0143	1.5–2	Sediment	Acenaphthene	0.36	U
21-11249	MD21-01-0143	1.5–2	Sediment	Anthracene	0.36	U
21-11249	MD21-01-0143	1.5–2	Sediment	Benzo(a)anthracene	0.36	U
21-11249	MD21-01-0143	1.5–2	Sediment	Benzo(a)pyrene	0.36	U
21-11249	MD21-01-0143	1.5–2	Sediment	Benzo(b)fluoranthene	0.36	U
21-11249	MD21-01-0143	1.5–2	Sediment	Benzo(k)fluoranthene	0.36	U
21-11249	MD21-01-0143	1.5–2	Sediment	Chrysene	0.36	U
21-11249	MD21-01-0143	1.5–2	Sediment	Dibenz(a,h)anthracene	0.36	U
21-11249	MD21-01-0143	1.5–2	Sediment	Fluoranthene	0.36	U
21-11249	MD21-01-0143	1.5–2	Sediment	Fluorene	0.36	U
21-11249	MD21-01-0143	1.5–2	Sediment	Methylnaphthalene[2-]	0.36	U
21-11249	MD21-01-0143	1.5–2	Sediment	Naphthalene	0.36	U
21-11249	MD21-01-0143	1.5–2	Sediment	Phenanthrene	0.36	U
21-11249	MD21-01-0143	1.5–2	Sediment	Pyrene	1.7	U
21-11249	MD21-01-0143	1.5–2	Sediment	Diesel-range organics	27	U
21-11249	MD21-01-0143	1.5–2	Sediment	Gasoline-range organics	0.11	UJ
21-11249	MD21-01-0143	1.5–2	Sediment	Benzene	0.0058	U
21-11249	MD21-01-0143	1.5–2	Sediment	Ethylbenzene	0.0058	U
21-11249	MD21-01-0143	1.5–2	Sediment	Toluene	0.0058	U
21-11249	MD21-01-0143	1.5–2	Sediment	Xylene (total)	0.0058	U
21-11249	MD21-01-0143	1.5–2	Sediment	Xylene[1,2-]	0.0029	U
21-11249	MD21-01-0144	3.5–4	Qbt 3	Lead	10.9	J-
21-11249	MD21-01-0144	3.5–4	Qbt 3	Acenaphthene	0.35	UJ
21-11249	MD21-01-0144	3.5–4	Qbt 3	Anthracene	0.35	UJ
21-11249	MD21-01-0144	3.5–4	Qbt 3	Benzo(a)anthracene	0.35	UJ
21-11249	MD21-01-0144	3.5–4	Qbt 3	Benzo(a)pyrene	0.35	UJ
21-11249	MD21-01-0144	3.5–4	Qbt 3	Benzo(b)fluoranthene	0.35	UJ
21-11249	MD21-01-0144	3.5–4	Qbt 3	Benzo(k)fluoranthene	0.35	UJ
21-11249	MD21-01-0144	3.5–4	Qbt 3	Chrysene	0.35	UJ
21-11249	MD21-01-0144	3.5–4	Qbt 3	Dibenz(a,h)anthracene	0.35	UJ
21-11249	MD21-01-0144	3.5–4	Qbt 3	Fluoranthene	0.35	UJ
21-11249	MD21-01-0144	3.5–4	Qbt 3	Fluorene	0.35	UJ
21-11249	MD21-01-0144	3.5–4	Qbt 3	Methylnaphthalene[2-]	0.35	UJ

Table D-5.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Report Qualifier
21-11249	MD21-01-0144	3.5–4	Qbt 3	Naphthalene	0.35	UJ
21-11249	MD21-01-0144	3.5–4	Qbt 3	Phenanthrene	0.35	UJ
21-11249	MD21-01-0144	3.5–4	Qbt 3	Pyrene	1.7	UJ
21-11249	MD21-01-0144	3.5–4	Qbt 3	Diesel-range organics	26	U
21-11249	MD21-01-0144	3.5–4	Qbt 3	Gasoline-range organics	0.11	UJ
21-11249	MD21-01-0144	3.5–4	Qbt 3	Benzene	0.0053	U
21-11249	MD21-01-0144	3.5–4	Qbt 3	Ethylbenzene	0.0053	U
21-11249	MD21-01-0144	3.5–4	Qbt 3	Toluene	0.0013	J
21-11249	MD21-01-0144	3.5–4	Qbt 3	Xylene (total)	0.0053	U
21-11249	MD21-01-0144	3.5–4	Qbt 3	Xylene[1,2-]	0.0027	U
21-11249	MD21-01-0145	5.5–6	Qbt 3	Lead	12.9	J-
21-11249	MD21-01-0145	5.5–6	Qbt 3	Acenaphthene	0.35	U
21-11249	MD21-01-0145	5.5–6	Qbt 3	Anthracene	0.35	U
21-11249	MD21-01-0145	5.5–6	Qbt 3	Benzo(a)anthracene	0.35	U
21-11249	MD21-01-0145	5.5–6	Qbt 3	Benzo(a)pyrene	0.35	U
21-11249	MD21-01-0145	5.5–6	Qbt 3	Benzo(b)fluoranthene	0.35	U
21-11249	MD21-01-0145	5.5–6	Qbt 3	Benzo(k)fluoranthene	0.35	U
21-11249	MD21-01-0145	5.5–6	Qbt 3	Chrysene	0.35	U
21-11249	MD21-01-0145	5.5–6	Qbt 3	Dibenz(a,h)anthracene	0.35	U
21-11249	MD21-01-0145	5.5–6	Qbt 3	Fluoranthene	0.35	U
21-11249	MD21-01-0145	5.5–6	Qbt 3	Fluorene	0.35	U
21-11249	MD21-01-0145	5.5–6	Qbt 3	Methylnaphthalene[2-]	0.35	U
21-11249	MD21-01-0145	5.5–6	Qbt 3	Naphthalene	0.35	U
21-11249	MD21-01-0145	5.5–6	Qbt 3	Phenanthrene	0.35	U
21-11249	MD21-01-0145	5.5–6	Qbt 3	Pyrene	1.7	U
21-11249	MD21-01-0145	5.5–6	Qbt 3	Diesel-range organics	26	U
21-11249	MD21-01-0145	5.5–6	Qbt 3	Gasoline-range organics	0.11	UJ
21-11249	MD21-01-0145	5.5–6	Qbt 3	Benzene	0.006	U
21-11249	MD21-01-0145	5.5–6	Qbt 3	Ethylbenzene	0.006	U
21-11249	MD21-01-0145	5.5–6	Qbt 3	Toluene	0.006	U
21-11249	MD21-01-0145	5.5–6	Qbt 3	Xylene (total)	0.006	U
21-11249	MD21-01-0145	5.5–6	Qbt 3	Xylene[1,2-]	0.003	U
21-11249	MD21-01-0146	5.5–6	Qbt 3	Lead	10.5	J-
21-11249	MD21-01-0146	5.5–6	Qbt 3	Acenaphthene	0.35	U
21-11249	MD21-01-0146	5.5–6	Qbt 3	Anthracene	0.35	U
21-11249	MD21-01-0146	5.5–6	Qbt 3	Benzo(a)anthracene	0.35	U
21-11249	MD21-01-0146	5.5–6	Qbt 3	Benzo(a)pyrene	0.35	U
21-11249	MD21-01-0146	5.5–6	Qbt 3	Benzo(b)fluoranthene	0.35	U
21-11249	MD21-01-0146	5.5–6	Qbt 3	Benzo(k)fluoranthene	0.35	U
21-11249	MD21-01-0146	5.5–6	Qbt 3	Chrysene	0.35	U
21-11249	MD21-01-0146	5.5–6	Qbt 3	Dibenz(a,h)anthracene	0.35	U
21-11249	MD21-01-0146	5.5–6	Qbt 3	Fluoranthene	0.35	U
21-11249	MD21-01-0146	5.5–6	Qbt 3	Fluorene	0.35	U
21-11249	MD21-01-0146	5.5–6	Qbt 3	Methylnaphthalene[2-]	0.35	U
21-11249	MD21-01-0146	5.5–6	Qbt 3	Naphthalene	0.35	U
21-11249	MD21-01-0146	5.5–6	Qbt 3	Phenanthrene	0.35	U
21-11249	MD21-01-0146	5.5–6	Qbt 3	Pyrene	1.7	U

Table D-5.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Report Qualifier
21-11249	MD21-01-0146	5.5–6	Qbt 3	Diesel-range organics	26	U
21-11249	MD21-01-0146	5.5–6	Qbt 3	Gasoline-range organics	0.1	UJ
21-11249	MD21-01-0146	5.5–6	Qbt 3	Benzene	0.0056	U
21-11249	MD21-01-0146	5.5–6	Qbt 3	Ethylbenzene	0.0056	U
21-11249	MD21-01-0146	5.5–6	Qbt 3	Toluene	0.0056	U
21-11249	MD21-01-0146	5.5–6	Qbt 3	Xylene (total)	0.0056	U
21-11249	MD21-01-0146	5.5–6	Qbt 3	Xylene[1,2-]	0.0028	U
21-11250	MD21-01-0147	1.5–2	Qbt 3	Lead	16.2	J-
21-11250	MD21-01-0147	1.5–2	Qbt 3	Acenaphthene	0.38	U
21-11250	MD21-01-0147	1.5–2	Qbt 3	Anthracene	0.38	U
21-11250	MD21-01-0147	1.5–2	Qbt 3	Benzo(a)anthracene	0.38	U
21-11250	MD21-01-0147	1.5–2	Qbt 3	Benzo(a)pyrene	0.38	U
21-11250	MD21-01-0147	1.5–2	Qbt 3	Benzo(b)fluoranthene	0.38	U
21-11250	MD21-01-0147	1.5–2	Qbt 3	Benzo(k)fluoranthene	0.38	U
21-11250	MD21-01-0147	1.5–2	Qbt 3	Chrysene	0.38	U
21-11250	MD21-01-0147	1.5–2	Qbt 3	Dibenz(a,h)anthracene	0.38	U
21-11250	MD21-01-0147	1.5–2	Qbt 3	Fluoranthene	0.38	U
21-11250	MD21-01-0147	1.5–2	Qbt 3	Fluorene	0.38	U
21-11250	MD21-01-0147	1.5–2	Qbt 3	Methylnaphthalene[2-]	0.38	U
21-11250	MD21-01-0147	1.5–2	Qbt 3	Naphthalene	0.38	U
21-11250	MD21-01-0147	1.5–2	Qbt 3	Phenanthrene	0.38	U
21-11250	MD21-01-0147	1.5–2	Qbt 3	Pyrene	0.38	U
21-11250	MD21-01-0147	1.5–2	Qbt 3	Diesel-range organics	29	U
21-11250	MD21-01-0147	1.5–2	Qbt 3	Gasoline-range organics	0.12	U
21-11250	MD21-01-0147	1.5–2	Qbt 3	Benzene	0.0056	U
21-11250	MD21-01-0147	1.5–2	Qbt 3	Ethylbenzene	0.0056	U
21-11250	MD21-01-0147	1.5–2	Qbt 3	Toluene	0.0056	U
21-11250	MD21-01-0147	1.5–2	Qbt 3	Xylene (total)	0.0056	U
21-11250	MD21-01-0147	1.5–2	Qbt 3	Xylene[1,2-]	0.0028	U
21-11250	MD21-01-0148	3.5–4	Qbt 3	Lead	18.1	J-
21-11250	MD21-01-0148	3.5–4	Qbt 3	Acenaphthene	0.38	U
21-11250	MD21-01-0148	3.5–4	Qbt 3	Anthracene	0.38	U
21-11250	MD21-01-0148	3.5–4	Qbt 3	Benzo(a)anthracene	0.38	U
21-11250	MD21-01-0148	3.5–4	Qbt 3	Benzo(a)pyrene	0.38	U
21-11250	MD21-01-0148	3.5–4	Qbt 3	Benzo(b)fluoranthene	0.38	U
21-11250	MD21-01-0148	3.5–4	Qbt 3	Benzo(k)fluoranthene	0.38	U
21-11250	MD21-01-0148	3.5–4	Qbt 3	Chrysene	0.38	U
21-11250	MD21-01-0148	3.5–4	Qbt 3	Dibenz(a,h)anthracene	0.38	U
21-11250	MD21-01-0148	3.5–4	Qbt 3	Fluoranthene	0.12	J
21-11250	MD21-01-0148	3.5–4	Qbt 3	Fluorene	0.38	U
21-11250	MD21-01-0148	3.5–4	Qbt 3	Methylnaphthalene[2-]	0.38	U
21-11250	MD21-01-0148	3.5–4	Qbt 3	Naphthalene	0.38	U
21-11250	MD21-01-0148	3.5–4	Qbt 3	Phenanthrene	0.38	U
21-11250	MD21-01-0148	3.5–4	Qbt 3	Pyrene	0.38	U
21-11250	MD21-01-0148	3.5–4	Qbt 3	Diesel-range organics	29	U
21-11250	MD21-01-0148	3.5–4	Qbt 3	Gasoline-range organics	0.11	UJ
21-11250	MD21-01-0148	3.5–4	Qbt 3	Benzene	0.0055	U

Table D-5.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Report Qualifier
21-11250	MD21-01-0148	3.5–4	Qbt 3	Ethylbenzene	0.0055	U
21-11250	MD21-01-0148	3.5–4	Qbt 3	Toluene	0.0055	U
21-11250	MD21-01-0148	3.5–4	Qbt 3	Xylene (total)	0.0055	U
21-11250	MD21-01-0148	3.5–4	Qbt 3	Xylene[1,2-]	0.0027	U
21-11251	MD21-01-0149	1.5–2	Sediment	Lead	97.4	J-
21-11251	MD21-01-0149	1.5–2	Sediment	Acenaphthene	0.34	U
21-11251	MD21-01-0149	1.5–2	Sediment	Anthracene	0.34	U
21-11251	MD21-01-0149	1.5–2	Sediment	Benzo(a)anthracene	0.34	U
21-11251	MD21-01-0149	1.5–2	Sediment	Benzo(a)pyrene	0.34	U
21-11251	MD21-01-0149	1.5–2	Sediment	Benzo(b)fluoranthene	0.34	U
21-11251	MD21-01-0149	1.5–2	Sediment	Benzo(k)fluoranthene	0.34	U
21-11251	MD21-01-0149	1.5–2	Sediment	Chrysene	0.34	U
21-11251	MD21-01-0149	1.5–2	Sediment	Dibenz(a,h)anthracene	0.34	U
21-11251	MD21-01-0149	1.5–2	Sediment	Fluoranthene	0.34	U
21-11251	MD21-01-0149	1.5–2	Sediment	Fluorene	0.34	U
21-11251	MD21-01-0149	1.5–2	Sediment	Methylnaphthalene[2-]	0.34	U
21-11251	MD21-01-0149	1.5–2	Sediment	Naphthalene	0.34	U
21-11251	MD21-01-0149	1.5–2	Sediment	Phenanthrene	0.34	U
21-11251	MD21-01-0149	1.5–2	Sediment	Pyrene	1.7	U
21-11251	MD21-01-0149	1.5–2	Sediment	Diesel-range organics	26	U
21-11251	MD21-01-0149	1.5–2	Sediment	Gasoline-range organics	0.1	UJ
21-11251	MD21-01-0149	1.5–2	Sediment	Benzene	0.0048	U
21-11251	MD21-01-0149	1.5–2	Sediment	Ethylbenzene	0.0048	U
21-11251	MD21-01-0149	1.5–2	Sediment	Toluene	0.0048	U
21-11251	MD21-01-0149	1.5–2	Sediment	Xylene (total)	0.0048	U
21-11251	MD21-01-0149	1.5–2	Sediment	Xylene[1,2-]	0.0024	U
21-11251	MD21-01-0150	3–3.5	Sediment	Lead	58.9	J-
21-11251	MD21-01-0150	3–3.5	Sediment	Acenaphthene	0.4	U
21-11251	MD21-01-0150	3–3.5	Sediment	Anthracene	0.4	U
21-11251	MD21-01-0150	3–3.5	Sediment	Benzo(a)anthracene	0.4	U
21-11251	MD21-01-0150	3–3.5	Sediment	Benzo(a)pyrene	0.4	U
21-11251	MD21-01-0150	3–3.5	Sediment	Benzo(b)fluoranthene	0.4	U
21-11251	MD21-01-0150	3–3.5	Sediment	Benzo(k)fluoranthene	0.4	U
21-11251	MD21-01-0150	3–3.5	Sediment	Chrysene	0.4	U
21-11251	MD21-01-0150	3–3.5	Sediment	Dibenz(a,h)anthracene	0.4	U
21-11251	MD21-01-0150	3–3.5	Sediment	Fluoranthene	0.4	U
21-11251	MD21-01-0150	3–3.5	Sediment	Fluorene	0.4	U
21-11251	MD21-01-0150	3–3.5	Sediment	Methylnaphthalene[2-]	0.4	U
21-11251	MD21-01-0150	3–3.5	Sediment	Naphthalene	0.71	None
21-11251	MD21-01-0150	3–3.5	Sediment	Phenanthrene	2.3	None
21-11251	MD21-01-0150	3–3.5	Sediment	Pyrene	1.9	U
21-11251	MD21-01-0150	3–3.5	Sediment	Diesel-range organics	8900	None
21-11251	MD21-01-0150	3–3.5	Sediment	Gasoline-range organics	2000	J-
21-11251	MD21-01-0150	3–3.5	Sediment	Benzene	0.25	U
21-11251	MD21-01-0150	3–3.5	Sediment	Ethylbenzene	0.2	J
21-11251	MD21-01-0150	3–3.5	Sediment	Toluene	0.25	U
21-11251	MD21-01-0150	3–3.5	Sediment	Xylene (total)	0.25	U

Table D-5.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Report Qualifier
21-11251	MD21-01-0150	3–3.5	Sediment	Xylene[1,2-]	0.13	U
21-11251	MD21-01-0151	3–3.5	Sediment	Lead	27.2	J-
21-11251	MD21-01-0151	3–3.5	Sediment	Acenaphthene	0.4	R
21-11251	MD21-01-0151	3–3.5	Sediment	Anthracene	0.4	U
21-11251	MD21-01-0151	3–3.5	Sediment	Benzo(a)anthracene	0.4	U
21-11251	MD21-01-0151	3–3.5	Sediment	Benzo(a)pyrene	0.4	U
21-11251	MD21-01-0151	3–3.5	Sediment	Benzo(b)fluoranthene	0.4	U
21-11251	MD21-01-0151	3–3.5	Sediment	Benzo(k)fluoranthene	0.4	U
21-11251	MD21-01-0151	3–3.5	Sediment	Chrysene	0.4	U
21-11251	MD21-01-0151	3–3.5	Sediment	Dibenz(a,h)anthracene	0.4	U
21-11251	MD21-01-0151	3–3.5	Sediment	Fluoranthene	0.4	U
21-11251	MD21-01-0151	3–3.5	Sediment	Fluorene	0.4	R
21-11251	MD21-01-0151	3–3.5	Sediment	Methylnaphthalene[2-]	0.4	U
21-11251	MD21-01-0151	3–3.5	Sediment	Naphthalene	0.7	None
21-11251	MD21-01-0151	3–3.5	Sediment	Phenanthrene	2.3	None
21-11251	MD21-01-0151	3–3.5	Sediment	Pyrene	1.9	U
21-11251	MD21-01-0151	3–3.5	Sediment	Diesel-range organics	6700	None
21-11251	MD21-01-0151	3–3.5	Sediment	Gasoline-range organics	1100	J-
21-11251	MD21-01-0151	3–3.5	Sediment	Benzene	0.27	U
21-11251	MD21-01-0151	3–3.5	Sediment	Ethylbenzene	0.54	None
21-11251	MD21-01-0151	3–3.5	Sediment	Toluene	0.27	U
21-11251	MD21-01-0151	3–3.5	Sediment	Xylene (total)	0.27	U
21-11251	MD21-01-0151	3–3.5	Sediment	Xylene[1,2-]	0.14	U
21-11252	MD21-01-0152	1.5–2	Qbt 3	Lead	10.4	J-
21-11252	MD21-01-0152	1.5–2	Qbt 3	Acenaphthene	0.35	U
21-11252	MD21-01-0152	1.5–2	Qbt 3	Anthracene	0.35	U
21-11252	MD21-01-0152	1.5–2	Qbt 3	Benzo(a)anthracene	0.35	U
21-11252	MD21-01-0152	1.5–2	Qbt 3	Benzo(a)pyrene	0.35	U
21-11252	MD21-01-0152	1.5–2	Qbt 3	Benzo(b)fluoranthene	0.35	U
21-11252	MD21-01-0152	1.5–2	Qbt 3	Benzo(k)fluoranthene	0.35	U
21-11252	MD21-01-0152	1.5–2	Qbt 3	Chrysene	0.35	U
21-11252	MD21-01-0152	1.5–2	Qbt 3	Dibenz(a,h)anthracene	0.35	U
21-11252	MD21-01-0152	1.5–2	Qbt 3	Fluoranthene	0.35	U
21-11252	MD21-01-0152	1.5–2	Qbt 3	Fluorene	0.35	U
21-11252	MD21-01-0152	1.5–2	Qbt 3	Methylnaphthalene[2-]	0.35	U
21-11252	MD21-01-0152	1.5–2	Qbt 3	Naphthalene	0.35	U
21-11252	MD21-01-0152	1.5–2	Qbt 3	Phenanthrene	0.35	U
21-11252	MD21-01-0152	1.5–2	Qbt 3	Pyrene	1.7	U
21-11252	MD21-01-0152	1.5–2	Qbt 3	Diesel-range organics	26	U
21-11252	MD21-01-0152	1.5–2	Qbt 3	Gasoline-range organics	0.11	U
21-11252	MD21-01-0152	1.5–2	Qbt 3	Benzene	0.0056	U
21-11252	MD21-01-0152	1.5–2	Qbt 3	Ethylbenzene	0.0056	U
21-11252	MD21-01-0152	1.5–2	Qbt 3	Toluene	0.0094	J+
21-11252	MD21-01-0152	1.5–2	Qbt 3	Xylene (total)	0.0056	U
21-11252	MD21-01-0152	1.5–2	Qbt 3	Xylene[1,2-]	0.0028	U
21-11252	MD21-01-0153	5.5–6	Qbt 3	Lead	7.7	J-
21-11252	MD21-01-0153	5.5–6	Qbt 3	Acenaphthene	0.34	U

Table D-5.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Report Qualifier
21-11252	MD21-01-0153	5.5–6	Qbt 3	Anthracene	0.34	U
21-11252	MD21-01-0153	5.5–6	Qbt 3	Benzo(a)anthracene	0.34	U
21-11252	MD21-01-0153	5.5–6	Qbt 3	Benzo(a)pyrene	0.34	U
21-11252	MD21-01-0153	5.5–6	Qbt 3	Benzo(b)fluoranthene	0.34	U
21-11252	MD21-01-0153	5.5–6	Qbt 3	Benzo(k)fluoranthene	0.34	U
21-11252	MD21-01-0153	5.5–6	Qbt 3	Chrysene	0.34	U
21-11252	MD21-01-0153	5.5–6	Qbt 3	Dibenz(a,h)anthracene	0.34	U
21-11252	MD21-01-0153	5.5–6	Qbt 3	Fluoranthene	0.34	U
21-11252	MD21-01-0153	5.5–6	Qbt 3	Fluorene	0.34	U
21-11252	MD21-01-0153	5.5–6	Qbt 3	Methylnaphthalene[2-]	0.34	U
21-11252	MD21-01-0153	5.5–6	Qbt 3	Naphthalene	0.34	U
21-11252	MD21-01-0153	5.5–6	Qbt 3	Phenanthrene	0.34	U
21-11252	MD21-01-0153	5.5–6	Qbt 3	Pyrene	1.7	U
21-11252	MD21-01-0153	5.5–6	Qbt 3	Diesel-range organics	26	U
21-11252	MD21-01-0153	5.5–6	Qbt 3	Gasoline-range organics	0.1	U
21-11252	MD21-01-0153	5.5–6	Qbt 3	Benzene	0.0056	U
21-11252	MD21-01-0153	5.5–6	Qbt 3	Ethylbenzene	0.0056	U
21-11252	MD21-01-0153	5.5–6	Qbt 3	Toluene	0.0056	U
21-11252	MD21-01-0153	5.5–6	Qbt 3	Xylene (total)	0.0056	U
21-11252	MD21-01-0153	5.5–6	Qbt 3	Xylene[1,2-]	0.0028	U
21-11262	MD21-01-0186	0–0.4	Qbt 3	Lead	4.4	None
21-11262	MD21-01-0186	0–0.4	Qbt 3	Acenaphthene	0.42	U
21-11262	MD21-01-0186	0–0.4	Qbt 3	Anthracene	0.42	U
21-11262	MD21-01-0186	0–0.4	Qbt 3	Benzo(a)anthracene	0.42	U
21-11262	MD21-01-0186	0–0.4	Qbt 3	Benzo(a)pyrene	0.42	U
21-11262	MD21-01-0186	0–0.4	Qbt 3	Benzo(b)fluoranthene	0.42	U
21-11262	MD21-01-0186	0–0.4	Qbt 3	Benzo(k)fluoranthene	0.42	U
21-11262	MD21-01-0186	0–0.4	Qbt 3	Chrysene	0.42	U
21-11262	MD21-01-0186	0–0.4	Qbt 3	Dibenz(a,h)anthracene	0.42	U
21-11262	MD21-01-0186	0–0.4	Qbt 3	Fluoranthene	0.42	U
21-11262	MD21-01-0186	0–0.4	Qbt 3	Fluorene	0.42	U
21-11262	MD21-01-0186	0–0.4	Qbt 3	Methylnaphthalene[2-]	0.42	U
21-11262	MD21-01-0186	0–0.4	Qbt 3	Naphthalene	0.42	U
21-11262	MD21-01-0186	0–0.4	Qbt 3	Phenanthrene	0.42	U
21-11262	MD21-01-0186	0–0.4	Qbt 3	Pyrene	2	U
21-11262	MD21-01-0186	0–0.4	Qbt 3	Diesel-range organics	15	J
21-11262	MD21-01-0186	0–0.4	Qbt 3	Gasoline-range organics	0.32	U
21-11262	MD21-01-0186	0–0.4	Qbt 3	Benzene	0.0061	UJ
21-11262	MD21-01-0186	0–0.4	Qbt 3	Ethylbenzene	0.0061	UJ
21-11262	MD21-01-0186	0–0.4	Qbt 3	Toluene	0.0061	UJ
21-11262	MD21-01-0186	0–0.4	Qbt 3	Xylene (total)	0.0061	UJ
21-11262	MD21-01-0186	0–0.4	Qbt 3	Xylene[1,2-]	0.003	U
21-11262	MD21-01-0187	0.5–1.2	Qbt 3	Lead	4.5	None
21-11262	MD21-01-0187	0.5–1.2	Qbt 3	Acenaphthene	8.1	U
21-11262	MD21-01-0187	0.5–1.2	Qbt 3	Anthracene	8.1	U
21-11262	MD21-01-0187	0.5–1.2	Qbt 3	Benzo(a)anthracene	8.1	U
21-11262	MD21-01-0187	0.5–1.2	Qbt 3	Benzo(a)pyrene	8.1	U

Table D-5.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Report Qualifier
21-11262	MD21-01-0187	0.5–1.2	Qbt 3	Benzo(b)fluoranthene	8.1	U
21-11262	MD21-01-0187	0.5–1.2	Qbt 3	Benzo(k)fluoranthene	8.1	U
21-11262	MD21-01-0187	0.5–1.2	Qbt 3	Chrysene	8.1	U
21-11262	MD21-01-0187	0.5–1.2	Qbt 3	Dibenz(a,h)anthracene	8.1	U
21-11262	MD21-01-0187	0.5–1.2	Qbt 3	Fluoranthene	8.1	U
21-11262	MD21-01-0187	0.5–1.2	Qbt 3	Fluorene	8.1	U
21-11262	MD21-01-0187	0.5–1.2	Qbt 3	Methylnaphthalene[2-]	8.1	U
21-11262	MD21-01-0187	0.5–1.2	Qbt 3	Naphthalene	8.1	U
21-11262	MD21-01-0187	0.5–1.2	Qbt 3	Phenanthrene	8.1	U
21-11262	MD21-01-0187	0.5–1.2	Qbt 3	Pyrene	39	U
21-11262	MD21-01-0187	0.5–1.2	Qbt 3	Diesel-range organics	1900	J
21-11262	MD21-01-0187	0.5–1.2	Qbt 3	Gasoline-range organics	5.9	None
21-11262	MD21-01-0187	0.5–1.2	Qbt 3	Benzene	0.0062	U
21-11262	MD21-01-0187	0.5–1.2	Qbt 3	Ethylbenzene	0.0062	U
21-11262	MD21-01-0187	0.5–1.2	Qbt 3	Toluene	0.0062	U
21-11262	MD21-01-0187	0.5–1.2	Qbt 3	Xylene (total)	0.0062	U
21-11262	MD21-01-0187	0.5–1.2	Qbt 3	Xylene[1,2-]	0.0062	U
21-11262	MD21-01-0188	0.5–1.2	Qbt 3	Lead	4.2	None
21-11262	MD21-01-0188	0.5–1.2	Qbt 3	Acenaphthene	8	U
21-11262	MD21-01-0188	0.5–1.2	Qbt 3	Anthracene	8	U
21-11262	MD21-01-0188	0.5–1.2	Qbt 3	Benzo(a)anthracene	8	U
21-11262	MD21-01-0188	0.5–1.2	Qbt 3	Benzo(a)pyrene	8	U
21-11262	MD21-01-0188	0.5–1.2	Qbt 3	Benzo(b)fluoranthene	8	U
21-11262	MD21-01-0188	0.5–1.2	Qbt 3	Benzo(k)fluoranthene	8	U
21-11262	MD21-01-0188	0.5–1.2	Qbt 3	Chrysene	8	U
21-11262	MD21-01-0188	0.5–1.2	Qbt 3	Dibenz(a,h)anthracene	8	U
21-11262	MD21-01-0188	0.5–1.2	Qbt 3	Fluoranthene	8	U
21-11262	MD21-01-0188	0.5–1.2	Qbt 3	Fluorene	8	U
21-11262	MD21-01-0188	0.5–1.2	Qbt 3	Methylnaphthalene[2-]	8	U
21-11262	MD21-01-0188	0.5–1.2	Qbt 3	Naphthalene	8	U
21-11262	MD21-01-0188	0.5–1.2	Qbt 3	Phenanthrene	8	U
21-11262	MD21-01-0188	0.5–1.2	Qbt 3	Pyrene	39	U
21-11262	MD21-01-0188	0.5–1.2	Qbt 3	Diesel-range organics	2300	J
21-11262	MD21-01-0188	0.5–1.2	Qbt 3	Gasoline-range organics	4.3	None
21-11262	MD21-01-0188	0.5–1.2	Qbt 3	Benzene	0.0062	U
21-11262	MD21-01-0188	0.5–1.2	Qbt 3	Ethylbenzene	0.0062	U
21-11262	MD21-01-0188	0.5–1.2	Qbt 3	Toluene	0.0062	U
21-11262	MD21-01-0188	0.5–1.2	Qbt 3	Xylene (total)	0.0062	U
21-11262	MD21-01-0188	0.5–1.2	Qbt 3	Xylene[1,2-]	0.0031	U
21-11262	MD21-01-0189	6.7–7.35	Qbt 3	Lead	4	None
21-11262	MD21-01-0189	6.7–7.35	Qbt 3	Acenaphthene	0.36	U
21-11262	MD21-01-0189	6.7–7.35	Qbt 3	Anthracene	0.36	U
21-11262	MD21-01-0189	6.7–7.35	Qbt 3	Benzo(a)anthracene	0.36	U
21-11262	MD21-01-0189	6.7–7.35	Qbt 3	Benzo(a)pyrene	0.36	U
21-11262	MD21-01-0189	6.7–7.35	Qbt 3	Benzo(b)fluoranthene	0.36	U
21-11262	MD21-01-0189	6.7–7.35	Qbt 3	Benzo(k)fluoranthene	0.36	U
21-11262	MD21-01-0189	6.7–7.35	Qbt 3	Chrysene	0.36	U

Table D-5.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Report Qualifier
21-11262	MD21-01-0189	6.7–7.35	Qbt 3	Dibenz(a,h)anthracene	0.36	U
21-11262	MD21-01-0189	6.7–7.35	Qbt 3	Fluoranthene	0.36	U
21-11262	MD21-01-0189	6.7–7.35	Qbt 3	Fluorene	0.36	U
21-11262	MD21-01-0189	6.7–7.35	Qbt 3	Methylnaphthalene[2-]	0.36	U
21-11262	MD21-01-0189	6.7–7.35	Qbt 3	Naphthalene	0.36	U
21-11262	MD21-01-0189	6.7–7.35	Qbt 3	Phenanthrene	0.36	U
21-11262	MD21-01-0189	6.7–7.35	Qbt 3	Pyrene	1.7	U
21-11262	MD21-01-0189	6.7–7.35	Qbt 3	Diesel-range organics	27	U
21-11262	MD21-01-0189	6.7–7.35	Qbt 3	Gasoline-range organics	0.4	None
21-11262	MD21-01-0189	6.7–7.35	Qbt 3	Benzene	0.0058	U
21-11262	MD21-01-0189	6.7–7.35	Qbt 3	Ethylbenzene	0.0058	U
21-11262	MD21-01-0189	6.7–7.35	Qbt 3	Toluene	0.0058	U
21-11262	MD21-01-0189	6.7–7.35	Qbt 3	Xylene (total)	0.0058	U
21-11262	MD21-01-0189	6.7–7.35	Qbt 3	Xylene[1,2-]	0.0029	U
21-11262	MD21-01-0190	8.5–9	Qbt 3	Lead	4.7	None
21-11262	MD21-01-0190	8.5–9	Qbt 3	Acenaphthene	0.36	U
21-11262	MD21-01-0190	8.5–9	Qbt 3	Anthracene	0.36	U
21-11262	MD21-01-0190	8.5–9	Qbt 3	Benzo(a)anthracene	0.36	U
21-11262	MD21-01-0190	8.5–9	Qbt 3	Benzo(a)pyrene	0.36	U
21-11262	MD21-01-0190	8.5–9	Qbt 3	Benzo(b)fluoranthene	0.36	U
21-11262	MD21-01-0190	8.5–9	Qbt 3	Benzo(k)fluoranthene	0.36	U
21-11262	MD21-01-0190	8.5–9	Qbt 3	Chrysene	0.36	U
21-11262	MD21-01-0190	8.5–9	Qbt 3	Dibenz(a,h)anthracene	0.36	U
21-11262	MD21-01-0190	8.5–9	Qbt 3	Fluoranthene	0.36	U
21-11262	MD21-01-0190	8.5–9	Qbt 3	Fluorene	0.36	U
21-11262	MD21-01-0190	8.5–9	Qbt 3	Methylnaphthalene[2-]	0.36	U
21-11262	MD21-01-0190	8.5–9	Qbt 3	Naphthalene	0.36	U
21-11262	MD21-01-0190	8.5–9	Qbt 3	Phenanthrene	0.36	U
21-11262	MD21-01-0190	8.5–9	Qbt 3	Pyrene	1.7	U
21-11262	MD21-01-0190	8.5–9	Qbt 3	Diesel-range organics	31	None
21-11262	MD21-01-0190	8.5–9	Qbt 3	Gasoline-range organics	0.27	U
21-11262	MD21-01-0190	8.5–9	Qbt 3	Benzene	0.0064	U
21-11262	MD21-01-0190	8.5–9	Qbt 3	Ethylbenzene	0.0064	U
21-11262	MD21-01-0190	8.5–9	Qbt 3	Toluene	0.0064	U
21-11262	MD21-01-0190	8.5–9	Qbt 3	Xylene (total)	0.0064	U
21-11262	MD21-01-0190	8.5–9	Qbt 3	Xylene[1,2-]	0.0032	U
21-11264	MD21-01-0191	0–0.3	Qbt 3	Lead	5.5	J-
21-11264	MD21-01-0191	0–0.3	Qbt 3	Acenaphthene	0.39	UJ
21-11264	MD21-01-0191	0–0.3	Qbt 3	Anthracene	0.39	U
21-11264	MD21-01-0191	0–0.3	Qbt 3	Benzo(a)anthracene	0.39	U
21-11264	MD21-01-0191	0–0.3	Qbt 3	Benzo(a)pyrene	0.39	U
21-11264	MD21-01-0191	0–0.3	Qbt 3	Benzo(b)fluoranthene	0.39	U
21-11264	MD21-01-0191	0–0.3	Qbt 3	Benzo(k)fluoranthene	0.39	U
21-11264	MD21-01-0191	0–0.3	Qbt 3	Chrysene	0.39	U
21-11264	MD21-01-0191	0–0.3	Qbt 3	Dibenz(a,h)anthracene	0.39	U
21-11264	MD21-01-0191	0–0.3	Qbt 3	Fluoranthene	0.39	U
21-11264	MD21-01-0191	0–0.3	Qbt 3	Fluorene	0.39	UJ

Table D-5.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Report Qualifier
21-11264	MD21-01-0191	0–0.3	Qbt 3	Methylnaphthalene[2-]	0.39	R
21-11264	MD21-01-0191	0–0.3	Qbt 3	Naphthalene	0.39	R
21-11264	MD21-01-0191	0–0.3	Qbt 3	Phenanthrene	0.39	U
21-11264	MD21-01-0191	0–0.3	Qbt 3	Pyrene	0.39	U
21-11264	MD21-01-0191	0–0.3	Qbt 3	Diesel-range organics	30	U
21-11264	MD21-01-0191	0–0.3	Qbt 3	Gasoline-range organics	1.1	None
21-11264	MD21-01-0191	0–0.3	Qbt 3	Benzene	0.006	U
21-11264	MD21-01-0191	0–0.3	Qbt 3	Ethylbenzene	0.006	U
21-11264	MD21-01-0191	0–0.3	Qbt 3	Toluene	0.006	U
21-11264	MD21-01-0191	0–0.3	Qbt 3	Xylene (total)	0.006	U
21-11264	MD21-01-0191	0–0.3	Qbt 3	Xylene[1,2-]	0.003	U
21-11264	MD21-01-0192	6–7	Qbt 3	Lead	7.8	J-
21-11264	MD21-01-0192	6–7	Qbt 3	Acenaphthene	0.41	UJ
21-11264	MD21-01-0192	6–7	Qbt 3	Anthracene	0.41	UJ
21-11264	MD21-01-0192	6–7	Qbt 3	Benzo(a)anthracene	0.41	UJ
21-11264	MD21-01-0192	6–7	Qbt 3	Benzo(a)pyrene	0.41	UJ
21-11264	MD21-01-0192	6–7	Qbt 3	Benzo(b)fluoranthene	0.41	UJ
21-11264	MD21-01-0192	6–7	Qbt 3	Benzo(k)fluoranthene	0.41	UJ
21-11264	MD21-01-0192	6–7	Qbt 3	Chrysene	0.41	UJ
21-11264	MD21-01-0192	6–7	Qbt 3	Dibenz(a,h)anthracene	0.41	UJ
21-11264	MD21-01-0192	6–7	Qbt 3	Fluoranthene	0.41	UJ
21-11264	MD21-01-0192	6–7	Qbt 3	Fluorene	0.41	UJ
21-11264	MD21-01-0192	6–7	Qbt 3	Methylnaphthalene[2-]	0.41	R
21-11264	MD21-01-0192	6–7	Qbt 3	Naphthalene	0.41	R
21-11264	MD21-01-0192	6–7	Qbt 3	Phenanthrene	0.41	UJ
21-11264	MD21-01-0192	6–7	Qbt 3	Pyrene	0.41	UJ
21-11264	MD21-01-0192	6–7	Qbt 3	Diesel-range organics	31	U
21-11264	MD21-01-0192	6–7	Qbt 3	Gasoline-range organics	0.31	U
21-11264	MD21-01-0192	6–7	Qbt 3	Benzene	0.006	U
21-11264	MD21-01-0192	6–7	Qbt 3	Ethylbenzene	0.006	U
21-11264	MD21-01-0192	6–7	Qbt 3	Toluene	0.006	U
21-11264	MD21-01-0192	6–7	Qbt 3	Xylene (total)	0.006	U
21-11264	MD21-01-0192	6–7	Qbt 3	Xylene[1,2-]	0.003	U
21-11263	MD21-01-0193	1.5–2	Sediment	Lead	148	J-
21-11263	MD21-01-0193	1.5–2	Sediment	Acenaphthene	0.1	J-
21-11263	MD21-01-0193	1.5–2	Sediment	Anthracene	0.12	J
21-11263	MD21-01-0193	1.5–2	Sediment	Benzo(a)anthracene	0.26	J
21-11263	MD21-01-0193	1.5–2	Sediment	Benzo(a)pyrene	0.34	UJ
21-11263	MD21-01-0193	1.5–2	Sediment	Benzo(b)fluoranthene	0.34	UJ
21-11263	MD21-01-0193	1.5–2	Sediment	Benzo(k)fluoranthene	0.34	UJ
21-11263	MD21-01-0193	1.5–2	Sediment	Chrysene	0.29	J
21-11263	MD21-01-0193	1.5–2	Sediment	Dibenz(a,h)anthracene	0.34	UJ
21-11263	MD21-01-0193	1.5–2	Sediment	Fluoranthene	0.59	J
21-11263	MD21-01-0193	1.5–2	Sediment	Fluorene	0.089	J-
21-11263	MD21-01-0193	1.5–2	Sediment	Methylnaphthalene[2-]	0.34	R
21-11263	MD21-01-0193	1.5–2	Sediment	Naphthalene	0.088	J-
21-11263	MD21-01-0193	1.5–2	Sediment	Phenanthrene	0.58	J

Table D-5.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Report Qualifier
21-11263	MD21-01-0193	1.5–2	Sediment	Pyrene	0.56	None
21-11263	MD21-01-0193	1.5–2	Sediment	Diesel-range organics	92	None
21-11263	MD21-01-0193	1.5–2	Sediment	Gasoline-range organics	0.26	U
21-11263	MD21-01-0193	1.5–2	Sediment	Benzene	0.006	U
21-11263	MD21-01-0193	1.5–2	Sediment	Ethylbenzene	0.006	U
21-11263	MD21-01-0193	1.5–2	Sediment	Toluene	0.0023	J
21-11263	MD21-01-0193	1.5–2	Sediment	Xylene (total)	0.006	U
21-11263	MD21-01-0193	1.5–2	Sediment	Xylene[1,2-]	0.003	U
21-11263	MD21-01-0194	2.5–3	Qbt 3	Lead	28.7	J-
21-11263	MD21-01-0194	2.5–3	Qbt 3	Acenaphthene	0.41	UJ
21-11263	MD21-01-0194	2.5–3	Qbt 3	Anthracene	0.41	U
21-11263	MD21-01-0194	2.5–3	Qbt 3	Benzo(a)anthracene	0.41	U
21-11263	MD21-01-0194	2.5–3	Qbt 3	Benzo(a)pyrene	0.41	U
21-11263	MD21-01-0194	2.5–3	Qbt 3	Benzo(b)fluoranthene	0.41	U
21-11263	MD21-01-0194	2.5–3	Qbt 3	Benzo(k)fluoranthene	0.41	U
21-11263	MD21-01-0194	2.5–3	Qbt 3	Chrysene	0.41	U
21-11263	MD21-01-0194	2.5–3	Qbt 3	Dibenz(a,h)anthracene	0.41	U
21-11263	MD21-01-0194	2.5–3	Qbt 3	Fluoranthene	0.41	U
21-11263	MD21-01-0194	2.5–3	Qbt 3	Fluorene	0.41	UJ
21-11263	MD21-01-0194	2.5–3	Qbt 3	Methylnaphthalene[2-]	0.41	R
21-11263	MD21-01-0194	2.5–3	Qbt 3	Naphthalene	0.41	R
21-11263	MD21-01-0194	2.5–3	Qbt 3	Phenanthrene	0.41	U
21-11263	MD21-01-0194	2.5–3	Qbt 3	Pyrene	0.41	U
21-11263	MD21-01-0194	2.5–3	Qbt 3	Diesel-range organics	9300	None
21-11263	MD21-01-0194	2.5–3	Qbt 3	Gasoline-range organics	11	None
21-11263	MD21-01-0194	2.5–3	Qbt 3	Benzene	0.005	U
21-11263	MD21-01-0194	2.5–3	Qbt 3	Ethylbenzene	0.005	U
21-11263	MD21-01-0194	2.5–3	Qbt 3	Toluene	0.005	U
21-11263	MD21-01-0194	2.5–3	Qbt 3	Xylene (total)	0.005	U
21-11263	MD21-01-0194	2.5–3	Qbt 3	Xylene[1,2-]	0.0025	U
21-11263	MD21-01-0195	2.5–3	Qbt 3	Lead	36.9	J-
21-11263	MD21-01-0195	2.5–3	Qbt 3	Acenaphthene	0.42	UJ
21-11263	MD21-01-0195	2.5–3	Qbt 3	Anthracene	0.42	U
21-11263	MD21-01-0195	2.5–3	Qbt 3	Benzo(a)anthracene	0.42	U
21-11263	MD21-01-0195	2.5–3	Qbt 3	Benzo(a)pyrene	0.42	U
21-11263	MD21-01-0195	2.5–3	Qbt 3	Benzo(b)fluoranthene	0.42	U
21-11263	MD21-01-0195	2.5–3	Qbt 3	Benzo(k)fluoranthene	0.42	U
21-11263	MD21-01-0195	2.5–3	Qbt 3	Chrysene	0.42	U
21-11263	MD21-01-0195	2.5–3	Qbt 3	Dibenz(a,h)anthracene	0.42	U
21-11263	MD21-01-0195	2.5–3	Qbt 3	Fluoranthene	0.42	U
21-11263	MD21-01-0195	2.5–3	Qbt 3	Fluorene	0.42	UJ
21-11263	MD21-01-0195	2.5–3	Qbt 3	Methylnaphthalene[2-]	0.42	R
21-11263	MD21-01-0195	2.5–3	Qbt 3	Naphthalene	0.42	R
21-11263	MD21-01-0195	2.5–3	Qbt 3	Phenanthrene	0.42	U
21-11263	MD21-01-0195	2.5–3	Qbt 3	Pyrene	0.42	U
21-11263	MD21-01-0195	2.5–3	Qbt 3	Diesel-range organics	6000	None
21-11263	MD21-01-0195	2.5–3	Qbt 3	Gasoline-range organics	13	None

Table D-5.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Report Qualifier
21-11263	MD21-01-0195	2.5–3	Qbt 3	Benzene	0.0051	U
21-11263	MD21-01-0195	2.5–3	Qbt 3	Ethylbenzene	0.0074	J+
21-11263	MD21-01-0195	2.5–3	Qbt 3	Toluene	0.0051	U
21-11263	MD21-01-0195	2.5–3	Qbt 3	Xylene (total)	0.0051	U
21-11263	MD21-01-0195	2.5–3	Qbt 3	Xylene[1,2-]	0.0025	U
21-11263	MD21-01-0196	4.5–5	Qbt 3	Lead	43.2	J-
21-11263	MD21-01-0196	4.5–5	Qbt 3	Acenaphthene	0.38	UJ
21-11263	MD21-01-0196	4.5–5	Qbt 3	Anthracene	0.38	U
21-11263	MD21-01-0196	4.5–5	Qbt 3	Benzo(a)anthracene	0.38	U
21-11263	MD21-01-0196	4.5–5	Qbt 3	Benzo(a)pyrene	0.38	U
21-11263	MD21-01-0196	4.5–5	Qbt 3	Benzo(b)fluoranthene	0.38	U
21-11263	MD21-01-0196	4.5–5	Qbt 3	Benzo(k)fluoranthene	0.38	U
21-11263	MD21-01-0196	4.5–5	Qbt 3	Chrysene	0.38	U
21-11263	MD21-01-0196	4.5–5	Qbt 3	Dibenz(a,h)anthracene	0.38	U
21-11263	MD21-01-0196	4.5–5	Qbt 3	Fluoranthene	0.38	U
21-11263	MD21-01-0196	4.5–5	Qbt 3	Fluorene	0.38	UJ
21-11263	MD21-01-0196	4.5–5	Qbt 3	Methylnaphthalene[2-]	30	R
21-11263	MD21-01-0196	4.5–5	Qbt 3	Naphthalene	0.38	R
21-11263	MD21-01-0196	4.5–5	Qbt 3	Phenanthrene	0.38	U
21-11263	MD21-01-0196	4.5–5	Qbt 3	Pyrene	0.38	U
21-11263	MD21-01-0196	4.5–5	Qbt 3	Diesel-range organics	25000	None
21-11263	MD21-01-0196	4.5–5	Qbt 3	Gasoline-range organics	59	J+
21-11263	MD21-01-0196	4.5–5	Qbt 3	Benzene	0.015	J+
21-11263	MD21-01-0196	4.5–5	Qbt 3	Ethylbenzene	3.8	None
21-11263	MD21-01-0196	4.5–5	Qbt 3	Toluene	0.043	None
21-11263	MD21-01-0196	4.5–5	Qbt 3	Xylene (total)	6.8	None
21-11263	MD21-01-0196	4.5–5	Qbt 3	Xylene[1,2-]	2.1	None
21-11263	MD21-01-0197	5.9–6.3	Qbt 3	Lead	19.2	J-
21-11263	MD21-01-0197	5.9–6.3	Qbt 3	Acenaphthene	0.39	UJ
21-11263	MD21-01-0197	5.9–6.3	Qbt 3	Anthracene	0.39	U
21-11263	MD21-01-0197	5.9–6.3	Qbt 3	Benzo(a)anthracene	0.39	U
21-11263	MD21-01-0197	5.9–6.3	Qbt 3	Benzo(a)pyrene	0.39	U
21-11263	MD21-01-0197	5.9–6.3	Qbt 3	Benzo(b)fluoranthene	0.39	U
21-11263	MD21-01-0197	5.9–6.3	Qbt 3	Benzo(k)fluoranthene	0.39	U
21-11263	MD21-01-0197	5.9–6.3	Qbt 3	Chrysene	0.39	U
21-11263	MD21-01-0197	5.9–6.3	Qbt 3	Dibenz(a,h)anthracene	0.39	U
21-11263	MD21-01-0197	5.9–6.3	Qbt 3	Fluoranthene	0.39	U
21-11263	MD21-01-0197	5.9–6.3	Qbt 3	Fluorene	0.39	UJ
21-11263	MD21-01-0197	5.9–6.3	Qbt 3	Methylnaphthalene[2-]	0.39	R
21-11263	MD21-01-0197	5.9–6.3	Qbt 3	Naphthalene	0.39	R
21-11263	MD21-01-0197	5.9–6.3	Qbt 3	Phenanthrene	0.39	U
21-11263	MD21-01-0197	5.9–6.3	Qbt 3	Pyrene	0.39	U
21-11263	MD21-01-0197	5.9–6.3	Qbt 3	Diesel-range organics	3500	None
21-11263	MD21-01-0197	5.9–6.3	Qbt 3	Gasoline-range organics	13	J-
21-11263	MD21-01-0197	5.9–6.3	Qbt 3	Benzene	0.0054	U
21-11263	MD21-01-0197	5.9–6.3	Qbt 3	Ethylbenzene	0.028	J+
21-11263	MD21-01-0197	5.9–6.3	Qbt 3	Toluene	0.0014	J+

Table D-5.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Report Qualifier
21-11263	MD21-01-0197	5.9–6.3	Qbt 3	Xylene (total)	0.049	J+
21-11263	MD21-01-0197	5.9–6.3	Qbt 3	Xylene[1,2-]	0.015	J+
21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Lead	10.6	J-
21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Acenaphthene	0.36	UJ
21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Anthracene	6.9	None
21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Benzo(a)anthracene	0.36	UJ
21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Benzo(a)pyrene	0.36	UJ
21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Benzo(b)fluoranthene	0.36	UJ
21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Benzo(k)fluoranthene	0.36	UJ
21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Chrysene	0.36	UJ
21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Dibenz(a,h)anthracene	0.36	UJ
21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Fluoranthene	0.36	UJ
21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Fluorene	0.36	UJ
21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Methylnaphthalene[2-]	27	None
21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Naphthalene	6.8	None
21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Phenanthrene	0.36	UJ
21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Pyrene	0.36	UJ
21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Diesel-range organics	16000	None
21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Gasoline-range organics	41	J-
21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Benzene	0.0059	U
21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Ethylbenzene	0.11	J
21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Toluene	0.0041	J+
21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Xylene (total)	0.63	None
21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Xylene[1,2-]	0.33	None
21-11263	MD21-01-0199	11.5–12	Qbt 3	Lead	15.4	J-
21-11263	MD21-01-0199	11.5–12	Qbt 3	Acenaphthene	0.37	U
21-11263	MD21-01-0199	11.5–12	Qbt 3	Anthracene	0.37	U
21-11263	MD21-01-0199	11.5–12	Qbt 3	Benzo(a)anthracene	0.37	U
21-11263	MD21-01-0199	11.5–12	Qbt 3	Benzo(a)pyrene	0.37	U
21-11263	MD21-01-0199	11.5–12	Qbt 3	Benzo(b)fluoranthene	0.37	U
21-11263	MD21-01-0199	11.5–12	Qbt 3	Benzo(k)fluoranthene	0.37	U
21-11263	MD21-01-0199	11.5–12	Qbt 3	Chrysene	0.37	U
21-11263	MD21-01-0199	11.5–12	Qbt 3	Dibenz(a,h)anthracene	0.37	U
21-11263	MD21-01-0199	11.5–12	Qbt 3	Fluoranthene	0.37	U
21-11263	MD21-01-0199	11.5–12	Qbt 3	Fluorene	0.37	U
21-11263	MD21-01-0199	11.5–12	Qbt 3	Methylnaphthalene[2-]	0.37	U
21-11263	MD21-01-0199	11.5–12	Qbt 3	Naphthalene	0.37	U
21-11263	MD21-01-0199	11.5–12	Qbt 3	Phenanthrene	0.17	J
21-11263	MD21-01-0199	11.5–12	Qbt 3	Pyrene	0.37	U
21-11263	MD21-01-0199	11.5–12	Qbt 3	Diesel-range organics	1000	J
21-11263	MD21-01-0199	11.5–12	Qbt 3	Gasoline-range organics	15	None
21-11263	MD21-01-0199	11.5–12	Qbt 3	Benzene	0.0058	U
21-11263	MD21-01-0199	11.5–12	Qbt 3	Ethylbenzene	0.0058	U
21-11263	MD21-01-0199	11.5–12	Qbt 3	Toluene	0.0058	U
21-11263	MD21-01-0199	11.5–12	Qbt 3	Xylene (total)	0.0059	J+
21-11263	MD21-01-0199	11.5–12	Qbt 3	Xylene[1,2-]	0.003	J+
21-11263	MD21-01-0200	12.5–13	Qbt 3	Lead	11.2	J-

Table D-5.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Report Qualifier
21-11263	MD21-01-0200	12.5–13	Qbt 3	Acenaphthene	0.38	U
21-11263	MD21-01-0200	12.5–13	Qbt 3	Anthracene	0.38	U
21-11263	MD21-01-0200	12.5–13	Qbt 3	Benzo(a)anthracene	0.38	U
21-11263	MD21-01-0200	12.5–13	Qbt 3	Benzo(a)pyrene	0.38	U
21-11263	MD21-01-0200	12.5–13	Qbt 3	Benzo(b)fluoranthene	0.38	U
21-11263	MD21-01-0200	12.5–13	Qbt 3	Benzo(k)fluoranthene	0.38	U
21-11263	MD21-01-0200	12.5–13	Qbt 3	Chrysene	0.38	U
21-11263	MD21-01-0200	12.5–13	Qbt 3	Dibenz(a,h)anthracene	0.38	U
21-11263	MD21-01-0200	12.5–13	Qbt 3	Fluoranthene	0.38	U
21-11263	MD21-01-0200	12.5–13	Qbt 3	Fluorene	0.38	U
21-11263	MD21-01-0200	12.5–13	Qbt 3	Methylnaphthalene[2-]	0.38	U
21-11263	MD21-01-0200	12.5–13	Qbt 3	Naphthalene	0.38	U
21-11263	MD21-01-0200	12.5–13	Qbt 3	Phenanthrene	0.38	U
21-11263	MD21-01-0200	12.5–13	Qbt 3	Pyrene	0.38	U
21-11263	MD21-01-0200	12.5–13	Qbt 3	Diesel-range organics	160	None
21-11263	MD21-01-0200	12.5–13	Qbt 3	Gasoline-range organics	0.8	J-
21-11263	MD21-01-0200	12.5–13	Qbt 3	Benzene	0.0061	U
21-11263	MD21-01-0200	12.5–13	Qbt 3	Ethylbenzene	0.0061	U
21-11263	MD21-01-0200	12.5–13	Qbt 3	Toluene	0.0061	U
21-11263	MD21-01-0200	12.5–13	Qbt 3	Xylene (total)	0.0061	U
21-11263	MD21-01-0200	12.5–13	Qbt 3	Xylene[1,2-]	0.0031	U
21-11263	MD21-01-0201	15.6–16.2	Qbt 3	Lead	15.9	J-
21-11263	MD21-01-0201	15.6–16.2	Qbt 3	Acenaphthene	0.083	J
21-11263	MD21-01-0201	15.6–16.2	Qbt 3	Anthracene	0.37	U
21-11263	MD21-01-0201	15.6–16.2	Qbt 3	Benzo(a)anthracene	0.11	J
21-11263	MD21-01-0201	15.6–16.2	Qbt 3	Benzo(a)pyrene	0.12	J
21-11263	MD21-01-0201	15.6–16.2	Qbt 3	Benzo(b)fluoranthene	0.1	J
21-11263	MD21-01-0201	15.6–16.2	Qbt 3	Benzo(k)fluoranthene	0.37	U
21-11263	MD21-01-0201	15.6–16.2	Qbt 3	Chrysene	0.12	J
21-11263	MD21-01-0201	15.6–16.2	Qbt 3	Dibenz(a,h)anthracene	0.37	U
21-11263	MD21-01-0201	15.6–16.2	Qbt 3	Fluoranthene	0.28	J
21-11263	MD21-01-0201	15.6–16.2	Qbt 3	Fluorene	0.1	J
21-11263	MD21-01-0201	15.6–16.2	Qbt 3	Methylnaphthalene[2-]	0.37	U
21-11263	MD21-01-0201	15.6–16.2	Qbt 3	Naphthalene	0.13	J
21-11263	MD21-01-0201	15.6–16.2	Qbt 3	Phenanthrene	0.47	None
21-11263	MD21-01-0201	15.6–16.2	Qbt 3	Pyrene	0.27	J
21-11263	MD21-01-0201	15.6–16.2	Qbt 3	Diesel-range organics	57	None
21-11263	MD21-01-0201	15.6–16.2	Qbt 3	Gasoline-range organics	0.44	None
21-11263	MD21-01-0201	15.6–16.2	Qbt 3	Benzene	0.0056	U
21-11263	MD21-01-0201	15.6–16.2	Qbt 3	Ethylbenzene	0.0056	U
21-11263	MD21-01-0201	15.6–16.2	Qbt 3	Toluene	0.0056	U
21-11263	MD21-01-0201	15.6–16.2	Qbt 3	Xylene (total)	0.0056	U
21-11263	MD21-01-0201	15.6–16.2	Qbt 3	Xylene[1,2-]	0.0016	J
21-11263	MD21-01-0202	17–18	Qbt 3	Lead	6.7	J-
21-11263	MD21-01-0202	17–18	Qbt 3	Acenaphthene	0.36	U
21-11263	MD21-01-0202	17–18	Qbt 3	Anthracene	0.36	U
21-11263	MD21-01-0202	17–18	Qbt 3	Benzo(a)anthracene	0.36	U

Table D-5.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Report Qualifier
21-11263	MD21-01-0202	17–18	Qbt 3	Benzo(a)pyrene	0.36	U
21-11263	MD21-01-0202	17–18	Qbt 3	Benzo(b)fluoranthene	0.36	U
21-11263	MD21-01-0202	17–18	Qbt 3	Benzo(k)fluoranthene	0.36	U
21-11263	MD21-01-0202	17–18	Qbt 3	Chrysene	0.36	U
21-11263	MD21-01-0202	17–18	Qbt 3	Dibenz(a,h)anthracene	0.36	U
21-11263	MD21-01-0202	17–18	Qbt 3	Fluoranthene	0.36	U
21-11263	MD21-01-0202	17–18	Qbt 3	Fluorene	0.36	U
21-11263	MD21-01-0202	17–18	Qbt 3	Methylnaphthalene[2-]	0.36	U
21-11263	MD21-01-0202	17–18	Qbt 3	Naphthalene	0.36	U
21-11263	MD21-01-0202	17–18	Qbt 3	Phenanthrene	0.36	U
21-11263	MD21-01-0202	17–18	Qbt 3	Pyrene	0.36	U
21-11263	MD21-01-0202	17–18	Qbt 3	Diesel-range organics	27	U
21-11263	MD21-01-0202	17–18	Qbt 3	Gasoline-range organics	0.27	U
21-11263	MD21-01-0202	17–18	Qbt 3	Benzene	0.006	U
21-11263	MD21-01-0202	17–18	Qbt 3	Ethylbenzene	0.006	U
21-11263	MD21-01-0202	17–18	Qbt 3	Toluene	0.006	U
21-11263	MD21-01-0202	17–18	Qbt 3	Xylene (total)	0.006	U
21-11263	MD21-01-0202	17–18	Qbt 3	Xylene[1,2-]	0.003	U
21-11263	MD21-01-0203	18.5–19.2	Qbt 3	Lead	8.6	J-
21-11263	MD21-01-0203	18.5–19.2	Qbt 3	Acenaphthene	0.36	U
21-11263	MD21-01-0203	18.5–19.2	Qbt 3	Anthracene	0.36	U
21-11263	MD21-01-0203	18.5–19.2	Qbt 3	Benzo(a)anthracene	0.36	U
21-11263	MD21-01-0203	18.5–19.2	Qbt 3	Benzo(a)pyrene	0.36	U
21-11263	MD21-01-0203	18.5–19.2	Qbt 3	Benzo(b)fluoranthene	0.36	U
21-11263	MD21-01-0203	18.5–19.2	Qbt 3	Benzo(k)fluoranthene	0.36	U
21-11263	MD21-01-0203	18.5–19.2	Qbt 3	Chrysene	0.36	U
21-11263	MD21-01-0203	18.5–19.2	Qbt 3	Dibenz(a,h)anthracene	0.36	U
21-11263	MD21-01-0203	18.5–19.2	Qbt 3	Fluoranthene	0.36	U
21-11263	MD21-01-0203	18.5–19.2	Qbt 3	Fluorene	0.36	U
21-11263	MD21-01-0203	18.5–19.2	Qbt 3	Methylnaphthalene[2-]	0.36	U
21-11263	MD21-01-0203	18.5–19.2	Qbt 3	Naphthalene	0.36	U
21-11263	MD21-01-0203	18.5–19.2	Qbt 3	Phenanthrene	0.36	U
21-11263	MD21-01-0203	18.5–19.2	Qbt 3	Pyrene	0.36	U
21-11263	MD21-01-0203	18.5–19.2	Qbt 3	Diesel-range organics	27	U
21-11263	MD21-01-0203	18.5–19.2	Qbt 3	Gasoline-range organics	0.27	U
21-11263	MD21-01-0203	18.5–19.2	Qbt 3	Benzene	0.0067	U
21-11263	MD21-01-0203	18.5–19.2	Qbt 3	Ethylbenzene	0.0067	U
21-11263	MD21-01-0203	18.5–19.2	Qbt 3	Toluene	0.0067	U
21-11263	MD21-01-0203	18.5–19.2	Qbt 3	Xylene (total)	0.0067	U
21-11263	MD21-01-0203	18.5–19.2	Qbt 3	Xylene[1,2-]	0.0033	U
21-11263	MD21-01-0204	19.9–20.6	Qbt 3	Lead	7.5	J-
21-11263	MD21-01-0204	19.9–20.6	Qbt 3	Acenaphthene	0.36	U
21-11263	MD21-01-0204	19.9–20.6	Qbt 3	Anthracene	0.36	U
21-11263	MD21-01-0204	19.9–20.6	Qbt 3	Benzo(a)anthracene	0.36	U
21-11263	MD21-01-0204	19.9–20.6	Qbt 3	Benzo(a)pyrene	0.36	U
21-11263	MD21-01-0204	19.9–20.6	Qbt 3	Benzo(b)fluoranthene	0.36	U
21-11263	MD21-01-0204	19.9–20.6	Qbt 3	Benzo(k)fluoranthene	0.36	U

Table D-5.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Report Qualifier
21-11263	MD21-01-0204	19.9–20.6	Qbt 3	Chrysene	0.36	U
21-11263	MD21-01-0204	19.9–20.6	Qbt 3	Dibenz(a,h)anthracene	0.36	U
21-11263	MD21-01-0204	19.9–20.6	Qbt 3	Fluoranthene	0.36	U
21-11263	MD21-01-0204	19.9–20.6	Qbt 3	Fluorene	0.36	U
21-11263	MD21-01-0204	19.9–20.6	Qbt 3	Methylnaphthalene[2-]	0.36	U
21-11263	MD21-01-0204	19.9–20.6	Qbt 3	Naphthalene	0.36	U
21-11263	MD21-01-0204	19.9–20.6	Qbt 3	Phenanthrene	0.36	U
21-11263	MD21-01-0204	19.9–20.6	Qbt 3	Pyrene	0.36	U
21-11263	MD21-01-0204	19.9–20.6	Qbt 3	Diesel-range organics	28	U
21-11263	MD21-01-0204	19.9–20.6	Qbt 3	Gasoline-range organics	0.28	U
21-11263	MD21-01-0204	19.9–20.6	Qbt 3	Benzene	0.0061	U
21-11263	MD21-01-0204	19.9–20.6	Qbt 3	Ethylbenzene	0.0061	U
21-11263	MD21-01-0204	19.9–20.6	Qbt 3	Toluene	0.0061	U
21-11263	MD21-01-0204	19.9–20.6	Qbt 3	Xylene (total)	0.0061	U
21-11263	MD21-01-0204	19.9–20.6	Qbt 3	Xylene[1,2-]	0.003	U
21-11265	MD21-01-0205	0–0.5	Sediment	Lead	16.4	None
21-11265	MD21-01-0205	0–0.5	Sediment	Acenaphthene	2	UJ
21-11265	MD21-01-0205	0–0.5	Sediment	Anthracene	1.8	J
21-11265	MD21-01-0205	0–0.5	Sediment	Benzo(a)anthracene	2	U
21-11265	MD21-01-0205	0–0.5	Sediment	Benzo(a)pyrene	2	U
21-11265	MD21-01-0205	0–0.5	Sediment	Benzo(b)fluoranthene	2	U
21-11265	MD21-01-0205	0–0.5	Sediment	Benzo(k)fluoranthene	2	U
21-11265	MD21-01-0205	0–0.5	Sediment	Chrysene	2	U
21-11265	MD21-01-0205	0–0.5	Sediment	Dibenz(a,h)anthracene	0.41	U
21-11265	MD21-01-0205	0–0.5	Sediment	Fluoranthene	2	U
21-11265	MD21-01-0205	0–0.5	Sediment	Fluorene	2	UJ
21-11265	MD21-01-0205	0–0.5	Sediment	Methylnaphthalene[2-]	2	UJ
21-11265	MD21-01-0205	0–0.5	Sediment	Naphthalene	2	U
21-11265	MD21-01-0205	0–0.5	Sediment	Phenanthrene	2	U
21-11265	MD21-01-0205	0–0.5	Sediment	Pyrene	2	U
21-11265	MD21-01-0205	0–0.5	Sediment	Diesel-range organics	18000	None
21-11265	MD21-01-0205	0–0.5	Sediment	Gasoline-range organics	0.31	UJ
21-11265	MD21-01-0205	0–0.5	Sediment	Benzene	0.006	UJ
21-11265	MD21-01-0205	0–0.5	Sediment	Ethylbenzene	0.006	UJ
21-11265	MD21-01-0205	0–0.5	Sediment	Toluene	0.006	UJ
21-11265	MD21-01-0205	0–0.5	Sediment	Xylene (total)	0.006	UJ
21-11265	MD21-01-0205	0–0.5	Sediment	Xylene[1,2-]	0.003	UJ
21-11265	MD21-01-0206	1.7–2	Qbt 3	Lead	22.2	None
21-11265	MD21-01-0206	1.7–2	Qbt 3	Acenaphthene	0.37	U
21-11265	MD21-01-0206	1.7–2	Qbt 3	Anthracene	0.37	U
21-11265	MD21-01-0206	1.7–2	Qbt 3	Benzo(a)anthracene	0.37	U
21-11265	MD21-01-0206	1.7–2	Qbt 3	Benzo(a)pyrene	0.37	U
21-11265	MD21-01-0206	1.7–2	Qbt 3	Benzo(b)fluoranthene	0.37	U
21-11265	MD21-01-0206	1.7–2	Qbt 3	Benzo(k)fluoranthene	0.37	U
21-11265	MD21-01-0206	1.7–2	Qbt 3	Chrysene	0.37	U
21-11265	MD21-01-0206	1.7–2	Qbt 3	Dibenz(a,h)anthracene	0.37	U
21-11265	MD21-01-0206	1.7–2	Qbt 3	Fluoranthene	0.37	U

Table D-5.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Report Qualifier
21-11265	MD21-01-0206	1.7–2	Qbt 3	Fluorene	0.37	U
21-11265	MD21-01-0206	1.7–2	Qbt 3	Methylnaphthalene[2-]	0.37	U
21-11265	MD21-01-0206	1.7–2	Qbt 3	Naphthalene	0.37	U
21-11265	MD21-01-0206	1.7–2	Qbt 3	Phenanthrene	0.37	U
21-11265	MD21-01-0206	1.7–2	Qbt 3	Pyrene	0.37	U
21-11265	MD21-01-0206	1.7–2	Qbt 3	Diesel-range organics	1800	J+
21-11265	MD21-01-0206	1.7–2	Qbt 3	Gasoline-range organics	0.52	None
21-11265	MD21-01-0206	1.7–2	Qbt 3	Benzene	0.0061	U
21-11265	MD21-01-0206	1.7–2	Qbt 3	Ethylbenzene	0.0061	U
21-11265	MD21-01-0206	1.7–2	Qbt 3	Toluene	0.0061	U
21-11265	MD21-01-0206	1.7–2	Qbt 3	Xylene (total)	0.0061	U
21-11265	MD21-01-0206	1.7–2	Qbt 3	Xylene[1,2-]	0.0031	U
21-11265	MD21-01-0207	5–5.5	Qbt 3	Lead	4.1	None
21-11265	MD21-01-0207	5–5.5	Qbt 3	Acenaphthene	0.37	U
21-11265	MD21-01-0207	5–5.5	Qbt 3	Anthracene	0.37	U
21-11265	MD21-01-0207	5–5.5	Qbt 3	Benzo(a)anthracene	0.37	U
21-11265	MD21-01-0207	5–5.5	Qbt 3	Benzo(a)pyrene	0.37	U
21-11265	MD21-01-0207	5–5.5	Qbt 3	Benzo(b)fluoranthene	0.37	U
21-11265	MD21-01-0207	5–5.5	Qbt 3	Benzo(k)fluoranthene	0.37	U
21-11265	MD21-01-0207	5–5.5	Qbt 3	Chrysene	0.37	U
21-11265	MD21-01-0207	5–5.5	Qbt 3	Dibenz(a,h)anthracene	0.37	U
21-11265	MD21-01-0207	5–5.5	Qbt 3	Fluoranthene	0.37	U
21-11265	MD21-01-0207	5–5.5	Qbt 3	Fluorene	0.37	U
21-11265	MD21-01-0207	5–5.5	Qbt 3	Methylnaphthalene[2-]	0.37	U
21-11265	MD21-01-0207	5–5.5	Qbt 3	Naphthalene	0.37	U
21-11265	MD21-01-0207	5–5.5	Qbt 3	Phenanthrene	0.37	U
21-11265	MD21-01-0207	5–5.5	Qbt 3	Pyrene	0.37	U
21-11265	MD21-01-0207	5–5.5	Qbt 3	Diesel-range organics	770	None
21-11265	MD21-01-0207	5–5.5	Qbt 3	Gasoline-range organics	0.28	U
21-11265	MD21-01-0207	5–5.5	Qbt 3	Benzene	0.0057	U
21-11265	MD21-01-0207	5–5.5	Qbt 3	Ethylbenzene	0.0057	U
21-11265	MD21-01-0207	5–5.5	Qbt 3	Toluene	0.0057	U
21-11265	MD21-01-0207	5–5.5	Qbt 3	Xylene (total)	0.0057	U
21-11265	MD21-01-0207	5–5.5	Qbt 3	Xylene[1,2-]	0.0028	U
21-11266	MD21-01-0208	0–0.5	Sediment	Lead	14.1	None
21-11266	MD21-01-0208	0–0.5	Sediment	Acenaphthene	0.43	U
21-11266	MD21-01-0208	0–0.5	Sediment	Anthracene	0.43	U
21-11266	MD21-01-0208	0–0.5	Sediment	Benzo(a)anthracene	0.43	U
21-11266	MD21-01-0208	0–0.5	Sediment	Benzo(a)pyrene	0.43	U
21-11266	MD21-01-0208	0–0.5	Sediment	Benzo(b)fluoranthene	0.43	U
21-11266	MD21-01-0208	0–0.5	Sediment	Benzo(k)fluoranthene	0.43	U
21-11266	MD21-01-0208	0–0.5	Sediment	Chrysene	0.43	U
21-11266	MD21-01-0208	0–0.5	Sediment	Dibenz(a,h)anthracene	0.43	U
21-11266	MD21-01-0208	0–0.5	Sediment	Fluoranthene	0.43	U
21-11266	MD21-01-0208	0–0.5	Sediment	Fluorene	0.43	U
21-11266	MD21-01-0208	0–0.5	Sediment	Methylnaphthalene[2-]	0.43	U
21-11266	MD21-01-0208	0–0.5	Sediment	Naphthalene	0.43	U

Table D-5.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Report Qualifier
21-11266	MD21-01-0208	0–0.5	Sediment	Phenanthrene	0.43	U
21-11266	MD21-01-0208	0–0.5	Sediment	Pyrene	0.43	U
21-11266	MD21-01-0208	0–0.5	Sediment	Diesel-range organics	32	U
21-11266	MD21-01-0208	0–0.5	Sediment	Gasoline-range organics	0.32	U
21-11266	MD21-01-0208	0–0.5	Sediment	Benzene	0.0059	U
21-11266	MD21-01-0208	0–0.5	Sediment	Ethylbenzene	0.0059	U
21-11266	MD21-01-0208	0–0.5	Sediment	Toluene	0.0059	U
21-11266	MD21-01-0208	0–0.5	Sediment	Xylene (total)	0.0059	U
21-11266	MD21-01-0208	0–0.5	Sediment	Xylene[1,2-]	0.003	U
21-11266	MD21-01-0209	1.5–2.5	Qbt 3	Lead	7.3	None
21-11266	MD21-01-0209	1.5–2.5	Qbt 3	Acenaphthene	0.36	U
21-11266	MD21-01-0209	1.5–2.5	Qbt 3	Anthracene	0.36	U
21-11266	MD21-01-0209	1.5–2.5	Qbt 3	Benzo(a)anthracene	0.36	U
21-11266	MD21-01-0209	1.5–2.5	Qbt 3	Benzo(a)pyrene	0.36	U
21-11266	MD21-01-0209	1.5–2.5	Qbt 3	Benzo(b)fluoranthene	0.36	U
21-11266	MD21-01-0209	1.5–2.5	Qbt 3	Benzo(k)fluoranthene	0.36	U
21-11266	MD21-01-0209	1.5–2.5	Qbt 3	Chrysene	0.36	U
21-11266	MD21-01-0209	1.5–2.5	Qbt 3	Dibenz(a,h)anthracene	0.36	U
21-11266	MD21-01-0209	1.5–2.5	Qbt 3	Fluoranthene	0.36	U
21-11266	MD21-01-0209	1.5–2.5	Qbt 3	Fluorene	0.36	U
21-11266	MD21-01-0209	1.5–2.5	Qbt 3	Methylnaphthalene[2-]	0.36	U
21-11266	MD21-01-0209	1.5–2.5	Qbt 3	Naphthalene	0.36	U
21-11266	MD21-01-0209	1.5–2.5	Qbt 3	Phenanthrene	0.36	U
21-11266	MD21-01-0209	1.5–2.5	Qbt 3	Pyrene	0.36	U
21-11266	MD21-01-0209	1.5–2.5	Qbt 3	Diesel-range organics	27	U
21-11266	MD21-01-0209	1.5–2.5	Qbt 3	Gasoline-range organics	0.27	U
21-11266	MD21-01-0209	1.5–2.5	Qbt 3	Benzene	0.0065	U
21-11266	MD21-01-0209	1.5–2.5	Qbt 3	Ethylbenzene	0.0065	U
21-11266	MD21-01-0209	1.5–2.5	Qbt 3	Toluene	0.0065	U
21-11266	MD21-01-0209	1.5–2.5	Qbt 3	Xylene (total)	0.0065	U
21-11266	MD21-01-0209	1.5–2.5	Qbt 3	Xylene[1,2-]	0.0032	U
21-11266	MD21-01-0210	1.5–2.5	Qbt 3	Lead	6.9	None
21-11266	MD21-01-0210	1.5–2.5	Qbt 3	Acenaphthene	0.36	U
21-11266	MD21-01-0210	1.5–2.5	Qbt 3	Anthracene	0.36	U
21-11266	MD21-01-0210	1.5–2.5	Qbt 3	Benzo(a)anthracene	0.36	U
21-11266	MD21-01-0210	1.5–2.5	Qbt 3	Benzo(a)pyrene	0.36	U
21-11266	MD21-01-0210	1.5–2.5	Qbt 3	Benzo(b)fluoranthene	0.36	U
21-11266	MD21-01-0210	1.5–2.5	Qbt 3	Benzo(k)fluoranthene	0.36	U
21-11266	MD21-01-0210	1.5–2.5	Qbt 3	Chrysene	0.36	U
21-11266	MD21-01-0210	1.5–2.5	Qbt 3	Dibenz(a,h)anthracene	0.36	U
21-11266	MD21-01-0210	1.5–2.5	Qbt 3	Fluoranthene	0.36	U
21-11266	MD21-01-0210	1.5–2.5	Qbt 3	Fluorene	0.36	U
21-11266	MD21-01-0210	1.5–2.5	Qbt 3	Methylnaphthalene[2-]	0.36	U
21-11266	MD21-01-0210	1.5–2.5	Qbt 3	Naphthalene	0.36	U
21-11266	MD21-01-0210	1.5–2.5	Qbt 3	Phenanthrene	0.36	U
21-11266	MD21-01-0210	1.5–2.5	Qbt 3	Pyrene	0.36	U
21-11266	MD21-01-0210	1.5–2.5	Qbt 3	Diesel-range organics	27	U

Table D-5.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Report Qualifier
21-11266	MD21-01-0210	1.5–2.5	Qbt 3	Gasoline-range organics	0.27	U
21-11266	MD21-01-0210	1.5–2.5	Qbt 3	Benzene	0.0065	U
21-11266	MD21-01-0210	1.5–2.5	Qbt 3	Ethylbenzene	0.0065	U
21-11266	MD21-01-0210	1.5–2.5	Qbt 3	Toluene	0.0065	U
21-11266	MD21-01-0210	1.5–2.5	Qbt 3	Xylene (total)	0.0065	U
21-11266	MD21-01-0210	1.5–2.5	Qbt 3	Xylene[1,2-]	0.0033	U
21-11266	MD21-01-0211	3.5–4.3	Qbt 3	Lead	7.6	None
21-11266	MD21-01-0211	3.5–4.3	Qbt 3	Acenaphthene	0.36	U
21-11266	MD21-01-0211	3.5–4.3	Qbt 3	Anthracene	0.36	U
21-11266	MD21-01-0211	3.5–4.3	Qbt 3	Benzo(a)anthracene	0.36	U
21-11266	MD21-01-0211	3.5–4.3	Qbt 3	Benzo(a)pyrene	0.36	U
21-11266	MD21-01-0211	3.5–4.3	Qbt 3	Benzo(b)fluoranthene	0.36	U
21-11266	MD21-01-0211	3.5–4.3	Qbt 3	Benzo(k)fluoranthene	0.36	U
21-11266	MD21-01-0211	3.5–4.3	Qbt 3	Chrysene	0.36	U
21-11266	MD21-01-0211	3.5–4.3	Qbt 3	Dibenz(a,h)anthracene	0.36	U
21-11266	MD21-01-0211	3.5–4.3	Qbt 3	Fluoranthene	0.36	U
21-11266	MD21-01-0211	3.5–4.3	Qbt 3	Fluorene	0.36	U
21-11266	MD21-01-0211	3.5–4.3	Qbt 3	Methylnaphthalene[2-]	0.36	U
21-11266	MD21-01-0211	3.5–4.3	Qbt 3	Naphthalene	0.36	U
21-11266	MD21-01-0211	3.5–4.3	Qbt 3	Phenanthrene	0.36	U
21-11266	MD21-01-0211	3.5–4.3	Qbt 3	Pyrene	0.36	U
21-11266	MD21-01-0211	3.5–4.3	Qbt 3	Diesel-range organics	27	U
21-11266	MD21-01-0211	3.5–4.3	Qbt 3	Gasoline-range organics	0.27	U
21-11266	MD21-01-0211	3.5–4.3	Qbt 3	Benzene	0.0056	U
21-11266	MD21-01-0211	3.5–4.3	Qbt 3	Ethylbenzene	0.0056	U
21-11266	MD21-01-0211	3.5–4.3	Qbt 3	Toluene	0.0056	U
21-11266	MD21-01-0211	3.5–4.3	Qbt 3	Xylene (total)	0.0056	U
21-11266	MD21-01-0211	3.5–4.3	Qbt 3	Xylene[1,2-]	0.0028	U
21-11267	MD21-01-0212	0–0.4	Qbt 3	Lead	7.2	None
21-11267	MD21-01-0212	0–0.4	Qbt 3	Acenaphthene	2.1	U
21-11267	MD21-01-0212	0–0.4	Qbt 3	Anthracene	2.1	U
21-11267	MD21-01-0212	0–0.4	Qbt 3	Benzo(a)anthracene	2.1	U
21-11267	MD21-01-0212	0–0.4	Qbt 3	Benzo(a)pyrene	2.1	U
21-11267	MD21-01-0212	0–0.4	Qbt 3	Benzo(b)fluoranthene	2.1	U
21-11267	MD21-01-0212	0–0.4	Qbt 3	Benzo(k)fluoranthene	2.1	U
21-11267	MD21-01-0212	0–0.4	Qbt 3	Chrysene	2.1	U
21-11267	MD21-01-0212	0–0.4	Qbt 3	Dibenz(a,h)anthracene	0.42	U
21-11267	MD21-01-0212	0–0.4	Qbt 3	Fluoranthene	2.1	U
21-11267	MD21-01-0212	0–0.4	Qbt 3	Fluorene	2.1	U
21-11267	MD21-01-0212	0–0.4	Qbt 3	Methylnaphthalene[2-]	2.1	U
21-11267	MD21-01-0212	0–0.4	Qbt 3	Naphthalene	2.1	U
21-11267	MD21-01-0212	0–0.4	Qbt 3	Phenanthrene	2.1	U
21-11267	MD21-01-0212	0–0.4	Qbt 3	Pyrene	2.1	U
21-11267	MD21-01-0212	0–0.4	Qbt 3	Diesel-range organics	32	U
21-11267	MD21-01-0212	0–0.4	Qbt 3	Gasoline-range organics	0.32	U
21-11267	MD21-01-0212	0–0.4	Qbt 3	Benzene	0.0065	U
21-11267	MD21-01-0212	0–0.4	Qbt 3	Ethylbenzene	0.0065	U

Table D-5.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Report Qualifier
21-11267	MD21-01-0212	0–0.4	Qbt 3	Toluene	0.0065	U
21-11267	MD21-01-0212	0–0.4	Qbt 3	Xylene (total)	0.0065	U
21-11267	MD21-01-0212	0–0.4	Qbt 3	Xylene[1,2-]	0.0033	U
21-11267	MD21-01-0213	3.5–4	Qbt 3	Lead	6.7	None
21-11267	MD21-01-0213	3.5–4	Qbt 3	Acenaphthene	1.9	U
21-11267	MD21-01-0213	3.5–4	Qbt 3	Anthracene	1.9	U
21-11267	MD21-01-0213	3.5–4	Qbt 3	Benzo(a)anthracene	1.9	U
21-11267	MD21-01-0213	3.5–4	Qbt 3	Benzo(a)pyrene	1.9	U
21-11267	MD21-01-0213	3.5–4	Qbt 3	Benzo(b)fluoranthene	1.9	U
21-11267	MD21-01-0213	3.5–4	Qbt 3	Benzo(k)fluoranthene	1.9	U
21-11267	MD21-01-0213	3.5–4	Qbt 3	Chrysene	1.9	U
21-11267	MD21-01-0213	3.5–4	Qbt 3	Dibenz(a,h)anthracene	0.37	U
21-11267	MD21-01-0213	3.5–4	Qbt 3	Fluoranthene	1.9	U
21-11267	MD21-01-0213	3.5–4	Qbt 3	Fluorene	1.9	U
21-11267	MD21-01-0213	3.5–4	Qbt 3	Methylnaphthalene[2-]	1.9	U
21-11267	MD21-01-0213	3.5–4	Qbt 3	Naphthalene	1.9	U
21-11267	MD21-01-0213	3.5–4	Qbt 3	Phenanthrene	1.9	U
21-11267	MD21-01-0213	3.5–4	Qbt 3	Pyrene	1.9	U
21-11267	MD21-01-0213	3.5–4	Qbt 3	Diesel-range organics	2800	U
21-11267	MD21-01-0213	3.5–4	Qbt 3	Gasoline-range organics	0.28	U
21-11267	MD21-01-0213	3.5–4	Qbt 3	Benzene	0.0063	U
21-11267	MD21-01-0213	3.5–4	Qbt 3	Ethylbenzene	0.0063	U
21-11267	MD21-01-0213	3.5–4	Qbt 3	Toluene	0.0063	U
21-11267	MD21-01-0213	3.5–4	Qbt 3	Xylene (total)	0.0063	U
21-11267	MD21-01-0213	3.5–4	Qbt 3	Xylene[1,2-]	0.0032	U

Table D-5.0-3
UST Analytical Results for DP Canyon Eastern Seep Investigation Area

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result (mg/kg)	Report Qualifier
21-11123	MD21-00-0076	0–0	Sediment	Lead	13	None
21-11181	MD21-00-0165	5–6	Sediment	Lead	11	None
21-11181	MD21-00-0166	14.5–15	Qbt 3	Lead	4.3	None
21-11246	MD21-01-0074	0–0.5	Sediment	Lead	11.3	J-
21-11246	MD21-01-0075	0–0.5	Sediment	Lead	107	J-
21-11253	MD21-01-0154	5.5–6	Qbt 3	Lead	19.2	None
21-11253	MD21-01-0155	8–8.5	Qbt 3	Lead	18.1	None
21-11254	MD21-01-0156	1.5–2	Sediment	Lead	21.4	None
21-11254	MD21-01-0157	2.8–3.5	Qbt 3	Lead	12.2	None
21-11254	MD21-01-0158	4.5–5	Qbt 3	Lead	12.1	None
21-11254	MD21-01-0159	5.5–6	Qbt 3	Lead	9.9	None
21-11255	MD21-01-0160	9.5–10	Qbt 3	Lead	14.2	None
21-11255	MD21-01-0161	11.5–12	Qbt 3	Lead	12.6	None
21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Lead	14.7	None
21-11256	MD21-01-0163	1.8–2.1	Sediment	Lead	10	None
21-11256	MD21-01-0164	3.5–4	Qbt 3	Lead	13.1	None
21-11256	MD21-01-0165	5.5–6	Qbt 3	Lead	6.1	None
21-11257	MD21-01-0166	1.5–2	Qbt 3	Lead	70.6	None
21-11257	MD21-01-0167	3.5–4	Qbt 3	Lead	6.4	None
21-11256	MD21-01-0168	10–10.75	Qbt 3	Lead	7.8	None
21-11257	MD21-01-0169	7–8	Qbt 3	Lead	8.3	None
21-11258	MD21-01-0170	1.5–2	Sediment	Lead	10.6	None
21-11258	MD21-01-0171	3.5–4	Qbt 3	Lead	7.6	None
21-11258	MD21-01-0172	5.5–6	Qbt 3	Lead	7.1	None
21-11258	MD21-01-0173	7.5–8	Qbt 3	Lead	9.1	None
21-11258	MD21-01-0174	9.5–10	Qbt 3	Lead	7.2	None
21-11258	MD21-01-0175	14.3–14.7	Qbt 3	Lead	5.7	None
21-11258	MD21-01-0176	15.5–16	Qbt 3	Lead	6.1	None
21-11258	MD21-01-0177	17–18	Qbt 3	Lead	4.8	None
21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Lead	4.7	None
21-11259	MD21-01-0179	5.5–6	Qbt 3	Lead	11.6	None
21-11259	MD21-01-0180	12–12.7	Qbt 3	Lead	5.9	None
21-11259	MD21-01-0181	14–15.3	Qbt 3	Lead	4.4	None
21-11260	MD21-01-0182	5.5–6	Qbt 3	Lead	6	None
21-11260	MD21-01-0183	9.5–10	Qbt 3	Lead	3.9	None
21-11261	MD21-01-0184	1.5–2	Sediment	Lead	17.1	None
21-11261	MD21-01-0185	9.5–10	Qbt 3	Lead	5.9	None
21-11123	MD21-00-0038	0–0.5	Sediment	Benzene	0.0071	U
21-11123	MD21-00-0038	0–0.5	Sediment	Ethylbenzene	0.0071	U
21-11123	MD21-00-0038	0–0.5	Sediment	Toluene	0.0071	U
21-11123	MD21-00-0038	0–0.5	Sediment	Xylene (total)	0.0071	U
21-11123	MD21-00-0038	0–0.5	Sediment	Xylene[1,2-]	0.0071	U
21-11123	MD21-00-0076	0–0.5	Sediment	Acenaphthene	4.2	U
21-11123	MD21-00-0076	0–0.5	Sediment	Anthracene	4.2	U
21-11123	MD21-00-0076	0–0.5	Sediment	Benzo(a)anthracene	4.2	U
21-11123	MD21-00-0076	0–0.5	Sediment	Benzo(a)pyrene	4.2	U

Table D-5.0-3 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result (mg/kg)	Report Qualifier
21-11123	MD21-00-0076	0–0.5	Sediment	Benzo(b)fluoranthene	4.2	U
21-11123	MD21-00-0076	0–0.5	Sediment	Benzo(k)fluoranthene	4.2	U
21-11123	MD21-00-0076	0–0.5	Sediment	Chrysene	4.2	U
21-11123	MD21-00-0076	0–0.5	Sediment	Dibenz(a,h)anthracene	4.2	U
21-11123	MD21-00-0076	0–0.5	Sediment	Fluoranthene	4.2	U
21-11123	MD21-00-0076	0–0.5	Sediment	Fluorene	4.2	U
21-11123	MD21-00-0076	0–0.5	Sediment	Methylnaphthalene[2-]	4.2	U
21-11123	MD21-00-0076	0–0.5	Sediment	Naphthalene	4.2	U
21-11123	MD21-00-0076	0–0.5	Sediment	Phenanthrene	4.2	U
21-11123	MD21-00-0076	0–0.5	Sediment	Pyrene	4.2	U
21-11123	MD21-00-0076	0–0.5	Sediment	Diesel-range organics	73	None
21-11123	MD21-00-0076	0–0.5	Sediment	Gasoline-range organics	0.63	U
21-11161	MD21-00-0087	0–0.5	Sediment	Diesel-range organics	1100	None
21-11161	MD21-00-0087	0–0.5	Sediment	Gasoline-range organics	8.8	None
21-11181	MD21-00-0165	5–6	Sediment	Acenaphthene	4	U
21-11181	MD21-00-0165	5–6	Sediment	Anthracene	0.38	J
21-11181	MD21-00-0165	5–6	Sediment	Benzo(a)anthracene	4	U
21-11181	MD21-00-0165	5–6	Sediment	Benzo(a)pyrene	4	U
21-11181	MD21-00-0165	5–6	Sediment	Benzo(b)fluoranthene	4	U
21-11181	MD21-00-0165	5–6	Sediment	Benzo(k)fluoranthene	4	U
21-11181	MD21-00-0165	5–6	Sediment	Chrysene	4	U
21-11181	MD21-00-0165	5–6	Sediment	Dibenz(a,h)anthracene	4	U
21-11181	MD21-00-0165	5–6	Sediment	Fluoranthene	4	U
21-11181	MD21-00-0165	5–6	Sediment	Fluorene	4	U
21-11181	MD21-00-0165	5–6	Sediment	Methylnaphthalene[2-]	4	U
21-11181	MD21-00-0165	5–6	Sediment	Naphthalene	4	U
21-11181	MD21-00-0165	5–6	Sediment	Phenanthrene	0.36	J
21-11181	MD21-00-0165	5–6	Sediment	Pyrene	4	U
21-11181	MD21-00-0165	5–6	Sediment	Diesel-range organics	1800	None
21-11181	MD21-00-0165	5–6	Sediment	Gasoline-range organics	24	U
21-11181	MD21-00-0165	5–6	Sediment	Benzene	0.006	U
21-11181	MD21-00-0165	5–6	Sediment	Dibromoethane[1,2-]	0.006	U
21-11181	MD21-00-0165	5–6	Sediment	Dichloroethane[1,2-]	0.006	U
21-11181	MD21-00-0165	5–6	Sediment	Ethylbenzene	0.006	U
21-11181	MD21-00-0165	5–6	Sediment	Toluene	0.001	J
21-11181	MD21-00-0165	5–6	Sediment	Xylene (total)	0.002	J
21-11181	MD21-00-0166	14.5–15	Qbt 3	Acenaphthene	0.39	U
21-11181	MD21-00-0166	14.5–15	Qbt 3	Anthracene	0.39	U
21-11181	MD21-00-0166	14.5–15	Qbt 3	Benzo(a)anthracene	0.39	U
21-11181	MD21-00-0166	14.5–15	Qbt 3	Benzo(a)pyrene	0.39	U
21-11181	MD21-00-0166	14.5–15	Qbt 3	Benzo(b)fluoranthene	0.39	U
21-11181	MD21-00-0166	14.5–15	Qbt 3	Benzo(k)fluoranthene	0.39	U
21-11181	MD21-00-0166	14.5–15	Qbt 3	Chrysene	0.39	U
21-11181	MD21-00-0166	14.5–15	Qbt 3	Dibenz(a,h)anthracene	0.39	U
21-11181	MD21-00-0166	14.5–15	Qbt 3	Fluoranthene	0.39	U
21-11181	MD21-00-0166	14.5–15	Qbt 3	Fluorene	0.39	U

Table D-5.0-3 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result (mg/kg)	Report Qualifier
21-11181	MD21-00-0166	14.5–15	Qbt 3	Methylnaphthalene[2-]	0.39	U
21-11181	MD21-00-0166	14.5–15	Qbt 3	Naphthalene	0.39	U
21-11181	MD21-00-0166	14.5–15	Qbt 3	Phenanthrene	0.39	U
21-11181	MD21-00-0166	14.5–15	Qbt 3	Pyrene	0.39	U
21-11181	MD21-00-0166	14.5–15	Qbt 3	Diesel-range organics	14	U
21-11181	MD21-00-0166	14.5–15	Qbt 3	Gasoline-range organics	0.048	U
21-11181	MD21-00-0166	14.5–15	Qbt 3	Benzene	0.006	U
21-11181	MD21-00-0166	14.5–15	Qbt 3	Dibromoethane[1,2-]	0.006	U
21-11181	MD21-00-0166	14.5–15	Qbt 3	Dichloroethane[1,2-]	0.006	U
21-11181	MD21-00-0166	14.5–15	Qbt 3	Ethylbenzene	0.006	U
21-11181	MD21-00-0166	14.5–15	Qbt 3	Toluene	0.006	U
21-11181	MD21-00-0166	14.5–15	Qbt 3	Xylene (total)	0.006	U
21-11246	MD21-01-0074	0–0.5	Sediment	Acenaphthene	0.44	U
21-11246	MD21-01-0074	0–0.5	Sediment	Anthracene	0.44	U
21-11246	MD21-01-0074	0–0.5	Sediment	Benzo(a)anthracene	0.44	U
21-11246	MD21-01-0074	0–0.5	Sediment	Benzo(a)pyrene	0.44	U
21-11246	MD21-01-0074	0–0.5	Sediment	Benzo(b)fluoranthene	0.44	U
21-11246	MD21-01-0074	0–0.5	Sediment	Benzo(k)fluoranthene	0.44	U
21-11246	MD21-01-0074	0–0.5	Sediment	Chrysene	0.44	U
21-11246	MD21-01-0074	0–0.5	Sediment	Dibenz(a,h)anthracene	0.44	U
21-11246	MD21-01-0074	0–0.5	Sediment	Fluoranthene	0.44	U
21-11246	MD21-01-0074	0–0.5	Sediment	Fluorene	0.44	U
21-11246	MD21-01-0074	0–0.5	Sediment	Methylnaphthalene[2-]	0.44	U
21-11246	MD21-01-0074	0–0.5	Sediment	Naphthalene	0.44	U
21-11246	MD21-01-0074	0–0.5	Sediment	Phenanthrene	0.44	U
21-11246	MD21-01-0074	0–0.5	Sediment	Pyrene	0.44	U
21-11246	MD21-01-0074	0–0.5	Sediment	Diesel-range organics	33	U
21-11246	MD21-01-0074	0–0.5	Sediment	Gasoline-range organics	0.13	U
21-11246	MD21-01-0074	0–0.5	Sediment	Benzene	0.0059	U
21-11246	MD21-01-0074	0–0.5	Sediment	Ethylbenzene	0.0059	U
21-11246	MD21-01-0074	0–0.5	Sediment	Toluene	0.0059	U
21-11246	MD21-01-0074	0–0.5	Sediment	Xylene (total)	0.0059	U
21-11246	MD21-01-0074	0–0.5	Sediment	Xylene[1,2-]	0.003	U
21-11246	MD21-01-0075	0–0.5	Sediment	Acenaphthene	0.51	U
21-11246	MD21-01-0075	0–0.5	Sediment	Anthracene	0.51	U
21-11246	MD21-01-0075	0–0.5	Sediment	Benzo(a)anthracene	0.2	J
21-11246	MD21-01-0075	0–0.5	Sediment	Benzo(a)pyrene	0.22	J
21-11246	MD21-01-0075	0–0.5	Sediment	Benzo(b)fluoranthene	0.2	J
21-11246	MD21-01-0075	0–0.5	Sediment	Benzo(k)fluoranthene	0.18	J
21-11246	MD21-01-0075	0–0.5	Sediment	Chrysene	0.24	J
21-11246	MD21-01-0075	0–0.5	Sediment	Dibenz(a,h)anthracene	0.51	U
21-11246	MD21-01-0075	0–0.5	Sediment	Fluoranthene	0.5	J
21-11246	MD21-01-0075	0–0.5	Sediment	Fluorene	0.51	U
21-11246	MD21-01-0075	0–0.5	Sediment	Methylnaphthalene[2-]	0.51	U
21-11246	MD21-01-0075	0–0.5	Sediment	Naphthalene	0.51	U
21-11246	MD21-01-0075	0–0.5	Sediment	Phenanthrene	0.31	J

Table D-5.0-3 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result (mg/kg)	Report Qualifier
21-11246	MD21-01-0075	0–0.5	Sediment	Pyrene	0.41	J
21-11246	MD21-01-0075	0–0.5	Sediment	Diesel-range organics	39	U
21-11246	MD21-01-0075	0–0.5	Sediment	Gasoline-range organics	0.15	U
21-11246	MD21-01-0075	0–0.5	Sediment	Benzene	0.0067	U
21-11246	MD21-01-0075	0–0.5	Sediment	Ethylbenzene	0.0067	U
21-11246	MD21-01-0075	0–0.5	Sediment	Toluene	0.0067	U
21-11246	MD21-01-0075	0–0.5	Sediment	Xylene (total)	0.0067	U
21-11246	MD21-01-0075	0–0.5	Sediment	Xylene[1,2-]	0.0034	U
21-11253	MD21-01-0154	5.5–6	Qbt 3	Acenaphthene	0.41	U
21-11253	MD21-01-0154	5.5–6	Qbt 3	Anthracene	0.41	U
21-11253	MD21-01-0154	5.5–6	Qbt 3	Benzo(a)anthracene	0.41	U
21-11253	MD21-01-0154	5.5–6	Qbt 3	Benzo(a)pyrene	0.41	U
21-11253	MD21-01-0154	5.5–6	Qbt 3	Benzo(b)fluoranthene	0.41	U
21-11253	MD21-01-0154	5.5–6	Qbt 3	Benzo(k)fluoranthene	0.41	U
21-11253	MD21-01-0154	5.5–6	Qbt 3	Chrysene	0.41	U
21-11253	MD21-01-0154	5.5–6	Qbt 3	Dibenz(a,h)anthracene	0.41	U
21-11253	MD21-01-0154	5.5–6	Qbt 3	Fluoranthene	0.41	U
21-11253	MD21-01-0154	5.5–6	Qbt 3	Fluorene	0.41	U
21-11253	MD21-01-0154	5.5–6	Qbt 3	Methylnaphthalene[2-]	0.41	U
21-11253	MD21-01-0154	5.5–6	Qbt 3	Naphthalene	0.41	U
21-11253	MD21-01-0154	5.5–6	Qbt 3	Phenanthrene	0.41	U
21-11253	MD21-01-0154	5.5–6	Qbt 3	Pyrene	2	U
21-11253	MD21-01-0154	5.5–6	Qbt 3	Diesel-range organics	31	U
21-11253	MD21-01-0154	5.5–6	Qbt 3	Gasoline-range organics	0.13	UJ
21-11253	MD21-01-0154	5.5–6	Qbt 3	Benzene	0.0061	U
21-11253	MD21-01-0154	5.5–6	Qbt 3	Ethylbenzene	0.0061	U
21-11253	MD21-01-0154	5.5–6	Qbt 3	Toluene	0.0061	U
21-11253	MD21-01-0154	5.5–6	Qbt 3	Xylene (total)	0.0061	U
21-11253	MD21-01-0154	5.5–6	Qbt 3	Xylene[1,2-]	0.0031	U
21-11253	MD21-01-0155	8–8.5	Qbt 3	Acenaphthene	0.38	U
21-11253	MD21-01-0155	8–8.5	Qbt 3	Anthracene	0.38	U
21-11253	MD21-01-0155	8–8.5	Qbt 3	Benzo(a)anthracene	0.38	U
21-11253	MD21-01-0155	8–8.5	Qbt 3	Benzo(a)pyrene	0.38	U
21-11253	MD21-01-0155	8–8.5	Qbt 3	Benzo(b)fluoranthene	0.38	U
21-11253	MD21-01-0155	8–8.5	Qbt 3	Benzo(k)fluoranthene	0.38	U
21-11253	MD21-01-0155	8–8.5	Qbt 3	Chrysene	0.38	U
21-11253	MD21-01-0155	8–8.5	Qbt 3	Dibenz(a,h)anthracene	0.38	U
21-11253	MD21-01-0155	8–8.5	Qbt 3	Fluoranthene	0.38	U
21-11253	MD21-01-0155	8–8.5	Qbt 3	Fluorene	0.38	U
21-11253	MD21-01-0155	8–8.5	Qbt 3	Methylnaphthalene[2-]	0.38	U
21-11253	MD21-01-0155	8–8.5	Qbt 3	Naphthalene	0.38	U
21-11253	MD21-01-0155	8–8.5	Qbt 3	Phenanthrene	0.38	U
21-11253	MD21-01-0155	8–8.5	Qbt 3	Pyrene	1.8	U
21-11253	MD21-01-0155	8–8.5	Qbt 3	Diesel-range organics	29	U
21-11253	MD21-01-0155	8–8.5	Qbt 3	Gasoline-range organics	0.11	U
21-11253	MD21-01-0155	8–8.5	Qbt 3	Benzene	0.0049	U
21-11253	MD21-01-0155	8–8.5	Qbt 3	Ethylbenzene	0.0049	U

Table D-5.0-3 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result (mg/kg)	Report Qualifier
21-11253	MD21-01-0155	8–8.5	Qbt 3	Toluene	0.0049	U
21-11253	MD21-01-0155	8–8.5	Qbt 3	Xylene (total)	0.0049	U
21-11253	MD21-01-0155	8–8.5	Qbt 3	Xylene[1,2-]	0.0025	U
21-11254	MD21-01-0156	1.5–2	Sediment	Acenaphthene	0.39	U
21-11254	MD21-01-0156	1.5–2	Sediment	Anthracene	0.39	U
21-11254	MD21-01-0156	1.5–2	Sediment	Benzo(a)anthracene	0.043	J
21-11254	MD21-01-0156	1.5–2	Sediment	Benzo(a)pyrene	0.062	J
21-11254	MD21-01-0156	1.5–2	Sediment	Benzo(b)fluoranthene	0.062	J
21-11254	MD21-01-0156	1.5–2	Sediment	Benzo(k)fluoranthene	0.068	J
21-11254	MD21-01-0156	1.5–2	Sediment	Chrysene	0.062	J
21-11254	MD21-01-0156	1.5–2	Sediment	Dibenz(a,h)anthracene	0.39	U
21-11254	MD21-01-0156	1.5–2	Sediment	Fluoranthene	0.11	J
21-11254	MD21-01-0156	1.5–2	Sediment	Fluorene	0.39	U
21-11254	MD21-01-0156	1.5–2	Sediment	Methylnaphthalene[2-]	0.39	U
21-11254	MD21-01-0156	1.5–2	Sediment	Naphthalene	0.39	U
21-11254	MD21-01-0156	1.5–2	Sediment	Phenanthrene	0.39	U
21-11254	MD21-01-0156	1.5–2	Sediment	Pyrene	1.9	U
21-11254	MD21-01-0156	1.5–2	Sediment	Diesel-range organics	86	None
21-11254	MD21-01-0156	1.5–2	Sediment	Gasoline-range organics	0.26	None
21-11254	MD21-01-0156	1.5–2	Sediment	Benzene	0.0054	U
21-11254	MD21-01-0156	1.5–2	Sediment	Ethylbenzene	0.0054	U
21-11254	MD21-01-0156	1.5–2	Sediment	Toluene	0.0054	U
21-11254	MD21-01-0156	1.5–2	Sediment	Xylene (total)	0.0054	U
21-11254	MD21-01-0156	1.5–2	Sediment	Xylene[1,2-]	0.0027	U
21-11254	MD21-01-0157	2.8–3.5	Qbt 3	Acenaphthene	0.43	U
21-11254	MD21-01-0157	2.8–3.5	Qbt 3	Anthracene	0.43	U
21-11254	MD21-01-0157	2.8–3.5	Qbt 3	Benzo(a)anthracene	0.43	U
21-11254	MD21-01-0157	2.8–3.5	Qbt 3	Benzo(a)pyrene	0.43	U
21-11254	MD21-01-0157	2.8–3.5	Qbt 3	Benzo(b)fluoranthene	0.43	U
21-11254	MD21-01-0157	2.8–3.5	Qbt 3	Benzo(k)fluoranthene	0.43	U
21-11254	MD21-01-0157	2.8–3.5	Qbt 3	Chrysene	0.43	U
21-11254	MD21-01-0157	2.8–3.5	Qbt 3	Dibenz(a,h)anthracene	0.43	U
21-11254	MD21-01-0157	2.8–3.5	Qbt 3	Fluoranthene	0.43	U
21-11254	MD21-01-0157	2.8–3.5	Qbt 3	Fluorene	0.43	U
21-11254	MD21-01-0157	2.8–3.5	Qbt 3	Methylnaphthalene[2-]	0.43	U
21-11254	MD21-01-0157	2.8–3.5	Qbt 3	Naphthalene	0.43	U
21-11254	MD21-01-0157	2.8–3.5	Qbt 3	Phenanthrene	0.43	U
21-11254	MD21-01-0157	2.8–3.5	Qbt 3	Pyrene	2.1	U
21-11254	MD21-01-0157	2.8–3.5	Qbt 3	Diesel-range organics	380	J+
21-11254	MD21-01-0157	2.8–3.5	Qbt 3	Gasoline-range organics	21	None
21-11254	MD21-01-0157	2.8–3.5	Qbt 3	Benzene	0.006	U
21-11254	MD21-01-0157	2.8–3.5	Qbt 3	Ethylbenzene	0.006	U
21-11254	MD21-01-0157	2.8–3.5	Qbt 3	Toluene	0.006	U
21-11254	MD21-01-0157	2.8–3.5	Qbt 3	Xylene (total)	0.006	U
21-11254	MD21-01-0157	2.8–3.5	Qbt 3	Xylene[1,2-]	0.003	U
21-11254	MD21-01-0158	4.5–5	Qbt 3	Acenaphthene	0.44	U
21-11254	MD21-01-0158	4.5–5	Qbt 3	Anthracene	0.44	U

Table D-5.0-3 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result (mg/kg)	Report Qualifier
21-11254	MD21-01-0158	4.5–5	Qbt 3	Benzo(a)anthracene	0.44	U
21-11254	MD21-01-0158	4.5–5	Qbt 3	Benzo(a)pyrene	0.44	U
21-11254	MD21-01-0158	4.5–5	Qbt 3	Benzo(b)fluoranthene	0.44	U
21-11254	MD21-01-0158	4.5–5	Qbt 3	Benzo(k)fluoranthene	0.44	U
21-11254	MD21-01-0158	4.5–5	Qbt 3	Chrysene	0.44	U
21-11254	MD21-01-0158	4.5–5	Qbt 3	Dibenz(a,h)anthracene	0.44	U
21-11254	MD21-01-0158	4.5–5	Qbt 3	Fluoranthene	0.44	U
21-11254	MD21-01-0158	4.5–5	Qbt 3	Fluorene	0.44	U
21-11254	MD21-01-0158	4.5–5	Qbt 3	Methylnaphthalene[2-]	0.44	U
21-11254	MD21-01-0158	4.5–5	Qbt 3	Naphthalene	0.44	U
21-11254	MD21-01-0158	4.5–5	Qbt 3	Phenanthrene	0.44	U
21-11254	MD21-01-0158	4.5–5	Qbt 3	Pyrene	2.1	U
21-11254	MD21-01-0158	4.5–5	Qbt 3	Diesel-range organics	33	U
21-11254	MD21-01-0158	4.5–5	Qbt 3	Gasoline-range organics	0.61	None
21-11254	MD21-01-0158	4.5–5	Qbt 3	Benzene	0.0058	U
21-11254	MD21-01-0158	4.5–5	Qbt 3	Ethylbenzene	0.0058	U
21-11254	MD21-01-0158	4.5–5	Qbt 3	Toluene	0.0058	U
21-11254	MD21-01-0158	4.5–5	Qbt 3	Xylene (total)	0.0058	U
21-11254	MD21-01-0158	4.5–5	Qbt 3	Xylene[1,2-]	0.0029	U
21-11254	MD21-01-0159	5.5–6	Qbt 3	Acenaphthene	0.42	U
21-11254	MD21-01-0159	5.5–6	Qbt 3	Anthracene	0.42	U
21-11254	MD21-01-0159	5.5–6	Qbt 3	Benzo(a)anthracene	0.42	U
21-11254	MD21-01-0159	5.5–6	Qbt 3	Benzo(a)pyrene	0.42	U
21-11254	MD21-01-0159	5.5–6	Qbt 3	Benzo(b)fluoranthene	0.42	U
21-11254	MD21-01-0159	5.5–6	Qbt 3	Benzo(k)fluoranthene	0.42	U
21-11254	MD21-01-0159	5.5–6	Qbt 3	Chrysene	0.42	U
21-11254	MD21-01-0159	5.5–6	Qbt 3	Dibenz(a,h)anthracene	0.42	U
21-11254	MD21-01-0159	5.5–6	Qbt 3	Fluoranthene	0.42	U
21-11254	MD21-01-0159	5.5–6	Qbt 3	Fluorene	0.42	U
21-11254	MD21-01-0159	5.5–6	Qbt 3	Methylnaphthalene[2-]	0.42	U
21-11254	MD21-01-0159	5.5–6	Qbt 3	Naphthalene	0.42	U
21-11254	MD21-01-0159	5.5–6	Qbt 3	Phenanthrene	0.42	U
21-11254	MD21-01-0159	5.5–6	Qbt 3	Pyrene	2	U
21-11254	MD21-01-0159	5.5–6	Qbt 3	Diesel-range organics	32	U
21-11254	MD21-01-0159	5.5–6	Qbt 3	Gasoline-range organics	0.13	U
21-11254	MD21-01-0159	5.5–6	Qbt 3	Benzene	0.0061	U
21-11254	MD21-01-0159	5.5–6	Qbt 3	Ethylbenzene	0.0061	U
21-11254	MD21-01-0159	5.5–6	Qbt 3	Toluene	0.0061	U
21-11254	MD21-01-0159	5.5–6	Qbt 3	Xylene (total)	0.0061	U
21-11254	MD21-01-0159	5.5–6	Qbt 3	Xylene[1,2-]	0.003	U
21-11255	MD21-01-0160	9.5–10	Qbt 3	Acenaphthene	8	U
21-11255	MD21-01-0160	9.5–10	Qbt 3	Anthracene	8	U
21-11255	MD21-01-0160	9.5–10	Qbt 3	Benzo(a)anthracene	8	U
21-11255	MD21-01-0160	9.5–10	Qbt 3	Benzo(a)pyrene	8	U
21-11255	MD21-01-0160	9.5–10	Qbt 3	Benzo(b)fluoranthene	8	U
21-11255	MD21-01-0160	9.5–10	Qbt 3	Benzo(k)fluoranthene	8	U
21-11255	MD21-01-0160	9.5–10	Qbt 3	Chrysene	8	U

Table D-5.0-3 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result (mg/kg)	Report Qualifier
21-11255	MD21-01-0160	9.5–10	Qbt 3	Dibenz(a,h)anthracene	8	U
21-11255	MD21-01-0160	9.5–10	Qbt 3	Fluoranthene	8	U
21-11255	MD21-01-0160	9.5–10	Qbt 3	Fluorene	8	U
21-11255	MD21-01-0160	9.5–10	Qbt 3	Methylnaphthalene[2-]	8	U
21-11255	MD21-01-0160	9.5–10	Qbt 3	Naphthalene	8	U
21-11255	MD21-01-0160	9.5–10	Qbt 3	Phenanthrene	8	U
21-11255	MD21-01-0160	9.5–10	Qbt 3	Pyrene	39	U
21-11255	MD21-01-0160	9.5–10	Qbt 3	Diesel-range organics	7800	None
21-11255	MD21-01-0160	9.5–10	Qbt 3	Gasoline-range organics	0.12	UJ
21-11255	MD21-01-0160	9.5–10	Qbt 3	Benzene	0.0061	U
21-11255	MD21-01-0160	9.5–10	Qbt 3	Ethylbenzene	0.0061	U
21-11255	MD21-01-0160	9.5–10	Qbt 3	Toluene	0.0015	J+
21-11255	MD21-01-0160	9.5–10	Qbt 3	Xylene (total)	0.0061	U
21-11255	MD21-01-0160	9.5–10	Qbt 3	Xylene[1,2-]	0.003	U
21-11255	MD21-01-0161	11.5–12	Qbt 3	Acenaphthene	3.8	U
21-11255	MD21-01-0161	11.5–12	Qbt 3	Anthracene	3.8	U
21-11255	MD21-01-0161	11.5–12	Qbt 3	Benzo(a)anthracene	3.8	U
21-11255	MD21-01-0161	11.5–12	Qbt 3	Benzo(a)pyrene	3.8	U
21-11255	MD21-01-0161	11.5–12	Qbt 3	Benzo(b)fluoranthene	3.8	U
21-11255	MD21-01-0161	11.5–12	Qbt 3	Benzo(k)fluoranthene	3.8	U
21-11255	MD21-01-0161	11.5–12	Qbt 3	Chrysene	3.8	U
21-11255	MD21-01-0161	11.5–12	Qbt 3	Dibenz(a,h)anthracene	3.8	U
21-11255	MD21-01-0161	11.5–12	Qbt 3	Fluoranthene	3.8	U
21-11255	MD21-01-0161	11.5–12	Qbt 3	Fluorene	3.8	U
21-11255	MD21-01-0161	11.5–12	Qbt 3	Methylnaphthalene[2-]	3.8	U
21-11255	MD21-01-0161	11.5–12	Qbt 3	Naphthalene	3.8	U
21-11255	MD21-01-0161	11.5–12	Qbt 3	Phenanthrene	3.8	U
21-11255	MD21-01-0161	11.5–12	Qbt 3	Pyrene	19	U
21-11255	MD21-01-0161	11.5–12	Qbt 3	Diesel-range organics	2400	None
21-11255	MD21-01-0161	11.5–12	Qbt 3	Gasoline-range organics	46	None
21-11255	MD21-01-0161	11.5–12	Qbt 3	Benzene	0.0057	U
21-11255	MD21-01-0161	11.5–12	Qbt 3	Ethylbenzene	0.0057	U
21-11255	MD21-01-0161	11.5–12	Qbt 3	Toluene	0.0057	U
21-11255	MD21-01-0161	11.5–12	Qbt 3	Xylene (total)	0.0057	U
21-11255	MD21-01-0161	11.5–12	Qbt 3	Xylene[1,2-]	0.0028	U
21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Acenaphthene	0.36	U
21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Anthracene	0.36	U
21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Benzo(a)anthracene	0.36	U
21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Benzo(a)pyrene	0.36	U
21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Benzo(b)fluoranthene	0.36	U
21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Benzo(k)fluoranthene	0.36	U
21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Chrysene	0.36	U
21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Dibenz(a,h)anthracene	0.36	U
21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Fluoranthene	0.36	U
21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Fluorene	0.36	U
21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Methylnaphthalene[2-]	0.36	U
21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Naphthalene	0.36	U

Table D-5.0-3 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result (mg/kg)	Report Qualifier
21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Phenanthrene	0.36	U
21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Pyrene	1.7	U
21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Diesel-range organics	27	U
21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Gasoline-range organics	5	None
21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Benzene	0.0063	U
21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Ethylbenzene	0.0063	U
21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Toluene	0.0063	U
21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Xylene (total)	0.0063	U
21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Xylene[1,2-]	0.0032	U
21-11256	MD21-01-0163	1.8–2.1	Sediment	Acenaphthene	0.35	U
21-11256	MD21-01-0163	1.8–2.1	Sediment	Anthracene	0.35	U
21-11256	MD21-01-0163	1.8–2.1	Sediment	Benzo(a)anthracene	0.35	U
21-11256	MD21-01-0163	1.8–2.1	Sediment	Benzo(a)pyrene	0.35	U
21-11256	MD21-01-0163	1.8–2.1	Sediment	Benzo(b)fluoranthene	0.35	U
21-11256	MD21-01-0163	1.8–2.1	Sediment	Benzo(k)fluoranthene	0.35	U
21-11256	MD21-01-0163	1.8–2.1	Sediment	Chrysene	0.35	U
21-11256	MD21-01-0163	1.8–2.1	Sediment	Dibenz(a,h)anthracene	0.35	U
21-11256	MD21-01-0163	1.8–2.1	Sediment	Fluoranthene	0.35	U
21-11256	MD21-01-0163	1.8–2.1	Sediment	Fluorene	0.35	U
21-11256	MD21-01-0163	1.8–2.1	Sediment	Methylnaphthalene[2-]	0.35	U
21-11256	MD21-01-0163	1.8–2.1	Sediment	Naphthalene	0.35	U
21-11256	MD21-01-0163	1.8–2.1	Sediment	Phenanthrene	0.35	U
21-11256	MD21-01-0163	1.8–2.1	Sediment	Pyrene	1.7	U
21-11256	MD21-01-0163	1.8–2.1	Sediment	Diesel-range organics	27	U
21-11256	MD21-01-0163	1.8–2.1	Sediment	Gasoline-range organics	0.67	None
21-11256	MD21-01-0163	1.8–2.1	Sediment	Benzene	0.0059	U
21-11256	MD21-01-0163	1.8–2.1	Sediment	Ethylbenzene	0.0059	U
21-11256	MD21-01-0163	1.8–2.1	Sediment	Toluene	0.0047	J+
21-11256	MD21-01-0163	1.8–2.1	Sediment	Xylene (total)	0.0059	U
21-11256	MD21-01-0163	1.8–2.1	Sediment	Xylene[1,2-]	0.0029	U
21-11256	MD21-01-0164	3.5–4	Qbt 3	Acenaphthene	0.38	U
21-11256	MD21-01-0164	3.5–4	Qbt 3	Anthracene	0.38	U
21-11256	MD21-01-0164	3.5–4	Qbt 3	Benzo(a)anthracene	0.38	U
21-11256	MD21-01-0164	3.5–4	Qbt 3	Benzo(a)pyrene	0.38	U
21-11256	MD21-01-0164	3.5–4	Qbt 3	Benzo(b)fluoranthene	0.38	U
21-11256	MD21-01-0164	3.5–4	Qbt 3	Benzo(k)fluoranthene	0.38	U
21-11256	MD21-01-0164	3.5–4	Qbt 3	Chrysene	0.38	U
21-11256	MD21-01-0164	3.5–4	Qbt 3	Dibenz(a,h)anthracene	0.38	U
21-11256	MD21-01-0164	3.5–4	Qbt 3	Fluoranthene	0.38	U
21-11256	MD21-01-0164	3.5–4	Qbt 3	Fluorene	0.38	U
21-11256	MD21-01-0164	3.5–4	Qbt 3	Methylnaphthalene[2-]	0.38	U
21-11256	MD21-01-0164	3.5–4	Qbt 3	Naphthalene	0.38	U
21-11256	MD21-01-0164	3.5–4	Qbt 3	Phenanthrene	0.38	U
21-11256	MD21-01-0164	3.5–4	Qbt 3	Pyrene	1.8	U
21-11256	MD21-01-0164	3.5–4	Qbt 3	Diesel-range organics	29	U
21-11256	MD21-01-0164	3.5–4	Qbt 3	Gasoline-range organics	0.29	U
21-11256	MD21-01-0164	3.5–4	Qbt 3	Benzene	0.0066	U

Table D-5.0-3 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result (mg/kg)	Report Qualifier
21-11256	MD21-01-0164	3.5–4	Qbt 3	Ethylbenzene	0.0066	U
21-11256	MD21-01-0164	3.5–4	Qbt 3	Toluene	0.0066	U
21-11256	MD21-01-0164	3.5–4	Qbt 3	Xylene (total)	0.0066	U
21-11256	MD21-01-0164	3.5–4	Qbt 3	Xylene[1,2-]	0.0033	U
21-11256	MD21-01-0165	5.5–6	Qbt 3	Acenaphthene	4.3	U
21-11256	MD21-01-0165	5.5–6	Qbt 3	Anthracene	4.3	U
21-11256	MD21-01-0165	5.5–6	Qbt 3	Benzo(a)anthracene	4.3	U
21-11256	MD21-01-0165	5.5–6	Qbt 3	Benzo(a)pyrene	4.3	U
21-11256	MD21-01-0165	5.5–6	Qbt 3	Benzo(b)fluoranthene	4.3	U
21-11256	MD21-01-0165	5.5–6	Qbt 3	Benzo(k)fluoranthene	4.3	U
21-11256	MD21-01-0165	5.5–6	Qbt 3	Chrysene	4.3	U
21-11256	MD21-01-0165	5.5–6	Qbt 3	Dibenz(a,h)anthracene	4.3	U
21-11256	MD21-01-0165	5.5–6	Qbt 3	Fluoranthene	4.3	U
21-11256	MD21-01-0165	5.5–6	Qbt 3	Fluorene	4.3	U
21-11256	MD21-01-0165	5.5–6	Qbt 3	Methylnaphthalene[2-]	4.3	U
21-11256	MD21-01-0165	5.5–6	Qbt 3	Naphthalene	4.3	U
21-11256	MD21-01-0165	5.5–6	Qbt 3	Phenanthrene	4.3	U
21-11256	MD21-01-0165	5.5–6	Qbt 3	Pyrene	21	U
21-11256	MD21-01-0165	5.5–6	Qbt 3	Diesel-range organics	4600	None
21-11256	MD21-01-0165	5.5–6	Qbt 3	Gasoline-range organics	2300	None
21-11256	MD21-01-0165	5.5–6	Qbt 3	Benzene	0.0058	U
21-11256	MD21-01-0165	5.5–6	Qbt 3	Ethylbenzene	0.0058	U
21-11256	MD21-01-0165	5.5–6	Qbt 3	Toluene	0.0058	U
21-11256	MD21-01-0165	5.5–6	Qbt 3	Xylene (total)	0.0058	U
21-11256	MD21-01-0165	5.5–6	Qbt 3	Xylene[1,2-]	0.0029	U
21-11257	MD21-01-0166	1.5–2	Qbt 3	Acenaphthene	0.69	U
21-11257	MD21-01-0166	1.5–2	Qbt 3	Anthracene	0.69	U
21-11257	MD21-01-0166	1.5–2	Qbt 3	Benzo(a)anthracene	0.091	J
21-11257	MD21-01-0166	1.5–2	Qbt 3	Benzo(a)pyrene	0.69	U
21-11257	MD21-01-0166	1.5–2	Qbt 3	Benzo(b)fluoranthene	0.69	U
21-11257	MD21-01-0166	1.5–2	Qbt 3	Benzo(k)fluoranthene	0.69	U
21-11257	MD21-01-0166	1.5–2	Qbt 3	Chrysene	0.12	J
21-11257	MD21-01-0166	1.5–2	Qbt 3	Dibenz(a,h)anthracene	0.69	U
21-11257	MD21-01-0166	1.5–2	Qbt 3	Fluoranthene	0.22	J
21-11257	MD21-01-0166	1.5–2	Qbt 3	Fluorene	0.69	U
21-11257	MD21-01-0166	1.5–2	Qbt 3	Methylnaphthalene[2-]	0.69	U
21-11257	MD21-01-0166	1.5–2	Qbt 3	Naphthalene	0.69	U
21-11257	MD21-01-0166	1.5–2	Qbt 3	Phenanthrene	0.69	U
21-11257	MD21-01-0166	1.5–2	Qbt 3	Pyrene	0.19	J
21-11257	MD21-01-0166	1.5–2	Qbt 3	Diesel-range organics	320	None
21-11257	MD21-01-0166	1.5–2	Qbt 3	Gasoline-range organics	1	J-
21-11257	MD21-01-0166	1.5–2	Qbt 3	Benzene	0.0059	U
21-11257	MD21-01-0166	1.5–2	Qbt 3	Ethylbenzene	0.0059	U
21-11257	MD21-01-0166	1.5–2	Qbt 3	Toluene	0.0059	U
21-11257	MD21-01-0166	1.5–2	Qbt 3	Xylene (total)	0.0059	U
21-11257	MD21-01-0166	1.5–2	Qbt 3	Xylene[1,2-]	0.0029	U
21-11257	MD21-01-0167	3.5–4	Qbt 3	Acenaphthene	0.86	U

Table D-5.0-3 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result (mg/kg)	Report Qualifier
21-11257	MD21-01-0167	3.5–4	Qbt 3	Anthracene	0.86	U
21-11257	MD21-01-0167	3.5–4	Qbt 3	Benzo(a)anthracene	0.86	U
21-11257	MD21-01-0167	3.5–4	Qbt 3	Benzo(a)pyrene	0.86	U
21-11257	MD21-01-0167	3.5–4	Qbt 3	Benzo(b)fluoranthene	0.86	U
21-11257	MD21-01-0167	3.5–4	Qbt 3	Benzo(k)fluoranthene	0.86	U
21-11257	MD21-01-0167	3.5–4	Qbt 3	Chrysene	0.86	U
21-11257	MD21-01-0167	3.5–4	Qbt 3	Dibenz(a,h)anthracene	0.86	U
21-11257	MD21-01-0167	3.5–4	Qbt 3	Fluoranthene	0.86	U
21-11257	MD21-01-0167	3.5–4	Qbt 3	Fluorene	0.86	U
21-11257	MD21-01-0167	3.5–4	Qbt 3	Methylnaphthalene[2-]	0.86	U
21-11257	MD21-01-0167	3.5–4	Qbt 3	Naphthalene	0.86	U
21-11257	MD21-01-0167	3.5–4	Qbt 3	Phenanthrene	0.86	U
21-11257	MD21-01-0167	3.5–4	Qbt 3	Pyrene	4.2	U
21-11257	MD21-01-0167	3.5–4	Qbt 3	Diesel-range organics	470	None
21-11257	MD21-01-0167	3.5–4	Qbt 3	Gasoline-range organics	670	None
21-11257	MD21-01-0167	3.5–4	Qbt 3	Benzene	0.006	U
21-11257	MD21-01-0167	3.5–4	Qbt 3	Ethylbenzene	0.006	U
21-11257	MD21-01-0167	3.5–4	Qbt 3	Toluene	0.006	U
21-11257	MD21-01-0167	3.5–4	Qbt 3	Xylene (total)	0.006	U
21-11257	MD21-01-0167	3.5–4	Qbt 3	Xylene[1,2-]	0.003	U
21-11256	MD21-01-0168	10–10.75	Qbt 3	Acenaphthene	0.38	U
21-11256	MD21-01-0168	10–10.75	Qbt 3	Anthracene	0.38	U
21-11256	MD21-01-0168	10–10.75	Qbt 3	Benzo(a)anthracene	0.38	U
21-11256	MD21-01-0168	10–10.75	Qbt 3	Benzo(a)pyrene	0.38	U
21-11256	MD21-01-0168	10–10.75	Qbt 3	Benzo(b)fluoranthene	0.38	U
21-11256	MD21-01-0168	10–10.75	Qbt 3	Benzo(k)fluoranthene	0.38	U
21-11256	MD21-01-0168	10–10.75	Qbt 3	Chrysene	0.38	U
21-11256	MD21-01-0168	10–10.75	Qbt 3	Dibenz(a,h)anthracene	0.38	U
21-11256	MD21-01-0168	10–10.75	Qbt 3	Fluoranthene	0.38	U
21-11256	MD21-01-0168	10–10.75	Qbt 3	Fluorene	0.38	U
21-11256	MD21-01-0168	10–10.75	Qbt 3	Methylnaphthalene[2-]	0.38	U
21-11256	MD21-01-0168	10–10.75	Qbt 3	Naphthalene	0.38	U
21-11256	MD21-01-0168	10–10.75	Qbt 3	Phenanthrene	0.38	U
21-11256	MD21-01-0168	10–10.75	Qbt 3	Pyrene	1.9	U
21-11256	MD21-01-0168	10–10.75	Qbt 3	Diesel-range organics	290	U
21-11256	MD21-01-0168	10–10.75	Qbt 3	Gasoline-range organics	0.29	UJ
21-11256	MD21-01-0168	10–10.75	Qbt 3	Benzene	0.0052	U
21-11256	MD21-01-0168	10–10.75	Qbt 3	Ethylbenzene	0.0052	U
21-11256	MD21-01-0168	10–10.75	Qbt 3	Toluene	0.0052	U
21-11256	MD21-01-0168	10–10.75	Qbt 3	Xylene (total)	0.0052	U
21-11256	MD21-01-0168	10–10.75	Qbt 3	Xylene[1,2-]	0.0026	U
21-11257	MD21-01-0169	7–8	Qbt 3	Acenaphthene	0.38	U
21-11257	MD21-01-0169	7–8	Qbt 3	Anthracene	0.38	U
21-11257	MD21-01-0169	7–8	Qbt 3	Benzo(a)anthracene	0.38	U
21-11257	MD21-01-0169	7–8	Qbt 3	Benzo(a)pyrene	0.38	U
21-11257	MD21-01-0169	7–8	Qbt 3	Benzo(b)fluoranthene	0.38	U
21-11257	MD21-01-0169	7–8	Qbt 3	Benzo(k)fluoranthene	0.38	U

Table D-5.0-3 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result (mg/kg)	Report Qualifier
21-11257	MD21-01-0169	7–8	Qbt 3	Chrysene	0.38	U
21-11257	MD21-01-0169	7–8	Qbt 3	Dibenz(a,h)anthracene	0.38	U
21-11257	MD21-01-0169	7–8	Qbt 3	Fluoranthene	0.38	U
21-11257	MD21-01-0169	7–8	Qbt 3	Fluorene	0.38	U
21-11257	MD21-01-0169	7–8	Qbt 3	Methylnaphthalene[2-]	0.38	U
21-11257	MD21-01-0169	7–8	Qbt 3	Naphthalene	0.38	U
21-11257	MD21-01-0169	7–8	Qbt 3	Phenanthrene	0.38	U
21-11257	MD21-01-0169	7–8	Qbt 3	Pyrene	1.9	U
21-11257	MD21-01-0169	7–8	Qbt 3	Diesel-range organics	29	U
21-11257	MD21-01-0169	7–8	Qbt 3	Gasoline-range organics	0.29	U
21-11257	MD21-01-0169	7–8	Qbt 3	Benzene	0.0058	U
21-11257	MD21-01-0169	7–8	Qbt 3	Ethylbenzene	0.0058	U
21-11257	MD21-01-0169	7–8	Qbt 3	Toluene	0.0058	U
21-11257	MD21-01-0169	7–8	Qbt 3	Xylene (total)	0.0058	U
21-11257	MD21-01-0169	7–8	Qbt 3	Xylene[1,2-]	0.0029	U
21-11258	MD21-01-0170	1.5–2	Sediment	Acenaphthene	0.35	U
21-11258	MD21-01-0170	1.5–2	Sediment	Anthracene	0.35	U
21-11258	MD21-01-0170	1.5–2	Sediment	Benzo(a)anthracene	0.35	U
21-11258	MD21-01-0170	1.5–2	Sediment	Benzo(a)pyrene	0.35	U
21-11258	MD21-01-0170	1.5–2	Sediment	Benzo(b)fluoranthene	0.35	U
21-11258	MD21-01-0170	1.5–2	Sediment	Benzo(k)fluoranthene	0.35	U
21-11258	MD21-01-0170	1.5–2	Sediment	Chrysene	0.35	U
21-11258	MD21-01-0170	1.5–2	Sediment	Dibenz(a,h)anthracene	0.35	U
21-11258	MD21-01-0170	1.5–2	Sediment	Fluoranthene	0.35	U
21-11258	MD21-01-0170	1.5–2	Sediment	Fluorene	0.35	U
21-11258	MD21-01-0170	1.5–2	Sediment	Methylnaphthalene[2-]	0.35	U
21-11258	MD21-01-0170	1.5–2	Sediment	Naphthalene	0.35	U
21-11258	MD21-01-0170	1.5–2	Sediment	Phenanthrene	0.35	U
21-11258	MD21-01-0170	1.5–2	Sediment	Pyrene	1.7	U
21-11258	MD21-01-0170	1.5–2	Sediment	Diesel-range organics	1200	J+
21-11258	MD21-01-0170	1.5–2	Sediment	Gasoline-range organics	0.27	U
21-11258	MD21-01-0170	1.5–2	Sediment	Benzene	0.007	U
21-11258	MD21-01-0170	1.5–2	Sediment	Ethylbenzene	0.007	UJ
21-11258	MD21-01-0170	1.5–2	Sediment	Toluene	0.0043	J+
21-11258	MD21-01-0170	1.5–2	Sediment	Xylene (total)	0.007	UJ
21-11258	MD21-01-0170	1.5–2	Sediment	Xylene[1,2-]	0.0035	UJ
21-11258	MD21-01-0171	3.5–4	Qbt 3	Acenaphthene	0.37	U
21-11258	MD21-01-0171	3.5–4	Qbt 3	Anthracene	0.37	U
21-11258	MD21-01-0171	3.5–4	Qbt 3	Benzo(a)anthracene	0.37	U
21-11258	MD21-01-0171	3.5–4	Qbt 3	Benzo(a)pyrene	0.37	U
21-11258	MD21-01-0171	3.5–4	Qbt 3	Benzo(b)fluoranthene	0.37	U
21-11258	MD21-01-0171	3.5–4	Qbt 3	Benzo(k)fluoranthene	0.37	U
21-11258	MD21-01-0171	3.5–4	Qbt 3	Chrysene	0.37	U
21-11258	MD21-01-0171	3.5–4	Qbt 3	Dibenz(a,h)anthracene	0.37	U
21-11258	MD21-01-0171	3.5–4	Qbt 3	Fluoranthene	0.37	U
21-11258	MD21-01-0171	3.5–4	Qbt 3	Fluorene	0.37	U
21-11258	MD21-01-0171	3.5–4	Qbt 3	Methylnaphthalene[2-]	0.37	U

Table D-5.0-3 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result (mg/kg)	Report Qualifier
21-11258	MD21-01-0171	3.5–4	Qbt 3	Naphthalene	0.37	U
21-11258	MD21-01-0171	3.5–4	Qbt 3	Phenanthrene	0.37	U
21-11258	MD21-01-0171	3.5–4	Qbt 3	Pyrene	1.8	U
21-11258	MD21-01-0171	3.5–4	Qbt 3	Diesel-range organics	300	J+
21-11258	MD21-01-0171	3.5–4	Qbt 3	Gasoline-range organics	0.28	U
21-11258	MD21-01-0171	3.5–4	Qbt 3	Benzene	0.006	U
21-11258	MD21-01-0171	3.5–4	Qbt 3	Ethylbenzene	0.006	U
21-11258	MD21-01-0171	3.5–4	Qbt 3	Toluene	0.006	U
21-11258	MD21-01-0171	3.5–4	Qbt 3	Xylene (total)	0.006	U
21-11258	MD21-01-0171	3.5–4	Qbt 3	Xylene[1,2-]	0.003	U
21-11258	MD21-01-0172	5.5–6	Qbt 3	Acenaphthene	0.37	U
21-11258	MD21-01-0172	5.5–6	Qbt 3	Anthracene	0.37	U
21-11258	MD21-01-0172	5.5–6	Qbt 3	Benzo(a)anthracene	0.37	U
21-11258	MD21-01-0172	5.5–6	Qbt 3	Benzo(a)pyrene	0.37	U
21-11258	MD21-01-0172	5.5–6	Qbt 3	Benzo(b)fluoranthene	0.37	U
21-11258	MD21-01-0172	5.5–6	Qbt 3	Benzo(k)fluoranthene	0.37	U
21-11258	MD21-01-0172	5.5–6	Qbt 3	Chrysene	0.37	U
21-11258	MD21-01-0172	5.5–6	Qbt 3	Dibenz(a,h)anthracene	0.37	U
21-11258	MD21-01-0172	5.5–6	Qbt 3	Fluoranthene	0.37	U
21-11258	MD21-01-0172	5.5–6	Qbt 3	Fluorene	0.37	U
21-11258	MD21-01-0172	5.5–6	Qbt 3	Methylnaphthalene[2-]	0.37	U
21-11258	MD21-01-0172	5.5–6	Qbt 3	Naphthalene	0.37	U
21-11258	MD21-01-0172	5.5–6	Qbt 3	Phenanthrene	0.37	U
21-11258	MD21-01-0172	5.5–6	Qbt 3	Pyrene	1.8	U
21-11258	MD21-01-0172	5.5–6	Qbt 3	Diesel-range organics	28	U
21-11258	MD21-01-0172	5.5–6	Qbt 3	Gasoline-range organics	0.28	UJ
21-11258	MD21-01-0172	5.5–6	Qbt 3	Benzene	0.0058	U
21-11258	MD21-01-0172	5.5–6	Qbt 3	Ethylbenzene	0.0058	U
21-11258	MD21-01-0172	5.5–6	Qbt 3	Toluene	0.0058	U
21-11258	MD21-01-0172	5.5–6	Qbt 3	Xylene (total)	0.0058	U
21-11258	MD21-01-0172	5.5–6	Qbt 3	Xylene[1,2-]	0.0029	U
21-11258	MD21-01-0173	7.5–8	Qbt 3	Acenaphthene	0.43	U
21-11258	MD21-01-0173	7.5–8	Qbt 3	Anthracene	0.43	U
21-11258	MD21-01-0173	7.5–8	Qbt 3	Benzo(a)anthracene	0.43	U
21-11258	MD21-01-0173	7.5–8	Qbt 3	Benzo(a)pyrene	0.43	U
21-11258	MD21-01-0173	7.5–8	Qbt 3	Benzo(b)fluoranthene	0.43	U
21-11258	MD21-01-0173	7.5–8	Qbt 3	Benzo(k)fluoranthene	0.43	U
21-11258	MD21-01-0173	7.5–8	Qbt 3	Chrysene	0.43	U
21-11258	MD21-01-0173	7.5–8	Qbt 3	Dibenz(a,h)anthracene	0.43	U
21-11258	MD21-01-0173	7.5–8	Qbt 3	Fluoranthene	0.43	U
21-11258	MD21-01-0173	7.5–8	Qbt 3	Fluorene	0.43	U
21-11258	MD21-01-0173	7.5–8	Qbt 3	Methylnaphthalene[2-]	0.43	U
21-11258	MD21-01-0173	7.5–8	Qbt 3	Naphthalene	0.43	U
21-11258	MD21-01-0173	7.5–8	Qbt 3	Phenanthrene	0.43	U
21-11258	MD21-01-0173	7.5–8	Qbt 3	Pyrene	2.1	U
21-11258	MD21-01-0173	7.5–8	Qbt 3	Diesel-range organics	33	U
21-11258	MD21-01-0173	7.5–8	Qbt 3	Gasoline-range organics	0.33	U

Table D-5.0-3 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result (mg/kg)	Report Qualifier
21-11258	MD21-01-0173	7.5–8	Qbt 3	Benzene	0.0058	U
21-11258	MD21-01-0173	7.5–8	Qbt 3	Ethylbenzene	0.0058	U
21-11258	MD21-01-0173	7.5–8	Qbt 3	Toluene	0.0058	U
21-11258	MD21-01-0173	7.5–8	Qbt 3	Xylene (total)	0.0058	U
21-11258	MD21-01-0173	7.5–8	Qbt 3	Xylene[1,2-]	0.0029	U
21-11258	MD21-01-0174	9.5–10	Qbt 3	Acenaphthene	0.43	UJ
21-11258	MD21-01-0174	9.5–10	Qbt 3	Anthracene	0.43	UJ
21-11258	MD21-01-0174	9.5–10	Qbt 3	Benzo(a)anthracene	0.43	UJ
21-11258	MD21-01-0174	9.5–10	Qbt 3	Benzo(a)pyrene	0.43	UJ
21-11258	MD21-01-0174	9.5–10	Qbt 3	Benzo(b)fluoranthene	0.43	UJ
21-11258	MD21-01-0174	9.5–10	Qbt 3	Benzo(k)fluoranthene	0.43	UJ
21-11258	MD21-01-0174	9.5–10	Qbt 3	Chrysene	0.43	UJ
21-11258	MD21-01-0174	9.5–10	Qbt 3	Dibenz(a,h)anthracene	0.43	UJ
21-11258	MD21-01-0174	9.5–10	Qbt 3	Fluoranthene	0.43	UJ
21-11258	MD21-01-0174	9.5–10	Qbt 3	Fluorene	0.43	UJ
21-11258	MD21-01-0174	9.5–10	Qbt 3	Methylnaphthalene[2-]	0.43	UJ
21-11258	MD21-01-0174	9.5–10	Qbt 3	Naphthalene	0.43	UJ
21-11258	MD21-01-0174	9.5–10	Qbt 3	Phenanthrene	0.43	UJ
21-11258	MD21-01-0174	9.5–10	Qbt 3	Pyrene	2.1	UJ
21-11258	MD21-01-0174	9.5–10	Qbt 3	Diesel-range organics	33	U
21-11258	MD21-01-0174	9.5–10	Qbt 3	Gasoline-range organics	460	None
21-11258	MD21-01-0174	9.5–10	Qbt 3	Benzene	0.0061	U
21-11258	MD21-01-0174	9.5–10	Qbt 3	Ethylbenzene	0.0061	U
21-11258	MD21-01-0174	9.5–10	Qbt 3	Toluene	0.0061	U
21-11258	MD21-01-0174	9.5–10	Qbt 3	Xylene (total)	0.0061	U
21-11258	MD21-01-0174	9.5–10	Qbt 3	Xylene[1,2-]	0.003	U
21-11258	MD21-01-0175	14.3–14.7	Qbt 3	Acenaphthene	1.8	UJ
21-11258	MD21-01-0175	14.3–14.7	Qbt 3	Anthracene	0.37	UJ
21-11258	MD21-01-0175	14.3–14.7	Qbt 3	Benzo(a)anthracene	0.37	UJ
21-11258	MD21-01-0175	14.3–14.7	Qbt 3	Benzo(a)pyrene	0.37	UJ
21-11258	MD21-01-0175	14.3–14.7	Qbt 3	Benzo(b)fluoranthene	0.37	UJ
21-11258	MD21-01-0175	14.3–14.7	Qbt 3	Benzo(k)fluoranthene	0.37	UJ
21-11258	MD21-01-0175	14.3–14.7	Qbt 3	Chrysene	0.37	UJ
21-11258	MD21-01-0175	14.3–14.7	Qbt 3	Dibenz(a,h)anthracene	0.37	UJ
21-11258	MD21-01-0175	14.3–14.7	Qbt 3	Fluoranthene	0.37	UJ
21-11258	MD21-01-0175	14.3–14.7	Qbt 3	Fluorene	0.37	UJ
21-11258	MD21-01-0175	14.3–14.7	Qbt 3	Methylnaphthalene[2-]	0.37	UJ
21-11258	MD21-01-0175	14.3–14.7	Qbt 3	Naphthalene	0.37	UJ
21-11258	MD21-01-0175	14.3–14.7	Qbt 3	Phenanthrene	0.37	UJ
21-11258	MD21-01-0175	14.3–14.7	Qbt 3	Pyrene	1.8	UJ
21-11258	MD21-01-0175	14.3–14.7	Qbt 3	Diesel-range organics	28	U
21-11258	MD21-01-0175	14.3–14.7	Qbt 3	Gasoline-range organics	0.6	J-
21-11258	MD21-01-0175	14.3–14.7	Qbt 3	Benzene	0.0058	U
21-11258	MD21-01-0175	14.3–14.7	Qbt 3	Ethylbenzene	0.0058	U
21-11258	MD21-01-0175	14.3–14.7	Qbt 3	Toluene	0.0058	U
21-11258	MD21-01-0175	14.3–14.7	Qbt 3	Xylene (total)	0.0058	U
21-11258	MD21-01-0175	14.3–14.7	Qbt 3	Xylene[1,2-]	0.0029	U

Table D-5.0-3 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result (mg/kg)	Report Qualifier
21-11258	MD21-01-0176	15.5–16	Qbt 3	Acenaphthene	0.37	U
21-11258	MD21-01-0176	15.5–16	Qbt 3	Anthracene	0.37	U
21-11258	MD21-01-0176	15.5–16	Qbt 3	Benzo(a)anthracene	0.37	U
21-11258	MD21-01-0176	15.5–16	Qbt 3	Benzo(a)pyrene	0.37	U
21-11258	MD21-01-0176	15.5–16	Qbt 3	Benzo(b)fluoranthene	0.37	U
21-11258	MD21-01-0176	15.5–16	Qbt 3	Benzo(k)fluoranthene	0.37	U
21-11258	MD21-01-0176	15.5–16	Qbt 3	Chrysene	0.37	U
21-11258	MD21-01-0176	15.5–16	Qbt 3	Dibenz(a,h)anthracene	0.37	U
21-11258	MD21-01-0176	15.5–16	Qbt 3	Fluoranthene	0.37	U
21-11258	MD21-01-0176	15.5–16	Qbt 3	Fluorene	0.37	U
21-11258	MD21-01-0176	15.5–16	Qbt 3	Methylnaphthalene[2-]	0.37	U
21-11258	MD21-01-0176	15.5–16	Qbt 3	Naphthalene	0.37	U
21-11258	MD21-01-0176	15.5–16	Qbt 3	Phenanthrene	0.37	U
21-11258	MD21-01-0176	15.5–16	Qbt 3	Pyrene	1.8	U
21-11258	MD21-01-0176	15.5–16	Qbt 3	Diesel-range organics	28	U
21-11258	MD21-01-0176	15.5–16	Qbt 3	Gasoline-range organics	0.6	None
21-11258	MD21-01-0176	15.5–16	Qbt 3	Benzene	0.0059	U
21-11258	MD21-01-0176	15.5–16	Qbt 3	Ethylbenzene	0.0059	U
21-11258	MD21-01-0176	15.5–16	Qbt 3	Toluene	0.0059	U
21-11258	MD21-01-0176	15.5–16	Qbt 3	Xylene (total)	0.0059	U
21-11258	MD21-01-0176	15.5–16	Qbt 3	Xylene[1,2-]	0.0029	U
21-11258	MD21-01-0177	17–18	Qbt 3	Acenaphthene	0.37	U
21-11258	MD21-01-0177	17–18	Qbt 3	Anthracene	0.37	U
21-11258	MD21-01-0177	17–18	Qbt 3	Benzo(a)anthracene	0.37	U
21-11258	MD21-01-0177	17–18	Qbt 3	Benzo(a)pyrene	0.37	U
21-11258	MD21-01-0177	17–18	Qbt 3	Benzo(b)fluoranthene	0.37	U
21-11258	MD21-01-0177	17–18	Qbt 3	Benzo(k)fluoranthene	0.37	U
21-11258	MD21-01-0177	17–18	Qbt 3	Chrysene	0.37	U
21-11258	MD21-01-0177	17–18	Qbt 3	Dibenz(a,h)anthracene	0.37	U
21-11258	MD21-01-0177	17–18	Qbt 3	Fluoranthene	0.37	U
21-11258	MD21-01-0177	17–18	Qbt 3	Fluorene	0.37	U
21-11258	MD21-01-0177	17–18	Qbt 3	Methylnaphthalene[2-]	0.37	U
21-11258	MD21-01-0177	17–18	Qbt 3	Naphthalene	0.37	U
21-11258	MD21-01-0177	17–18	Qbt 3	Phenanthrene	0.37	U
21-11258	MD21-01-0177	17–18	Qbt 3	Pyrene	1.8	U
21-11258	MD21-01-0177	17–18	Qbt 3	Diesel-range organics	28	U
21-11258	MD21-01-0177	17–18	Qbt 3	Gasoline-range organics	0.28	UJ
21-11258	MD21-01-0177	17–18	Qbt 3	Benzene	0.0065	U
21-11258	MD21-01-0177	17–18	Qbt 3	Ethylbenzene	0.0065	U
21-11258	MD21-01-0177	17–18	Qbt 3	Toluene	0.0065	U
21-11258	MD21-01-0177	17–18	Qbt 3	Xylene (total)	0.0065	U
21-11258	MD21-01-0177	17–18	Qbt 3	Xylene[1,2-]	0.0033	U
21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Acenaphthene	0.36	U
21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Anthracene	0.36	U
21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Benzo(a)anthracene	0.36	U
21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Benzo(a)pyrene	0.36	U
21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Benzo(b)fluoranthene	0.36	U

Table D-5.0-3 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result (mg/kg)	Report Qualifier
21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Benzo(k)fluoranthene	0.36	U
21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Chrysene	0.36	U
21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Dibenz(a,h)anthracene	0.36	U
21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Fluoranthene	0.36	U
21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Fluorene	0.36	U
21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Methylnaphthalene[2-]	0.36	U
21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Naphthalene	0.36	U
21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Phenanthrene	0.36	U
21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Pyrene	1.7	U
21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Diesel-range organics	27	U
21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Gasoline-range organics	0.27	U
21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Benzene	0.006	U
21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Ethylbenzene	0.006	U
21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Toluene	0.006	U
21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Xylene (total)	0.006	U
21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Xylene[1,2-]	0.003	U
21-11259	MD21-01-0179	5.5–6	Qbt 3	Acenaphthene	8.4	U
21-11259	MD21-01-0179	5.5–6	Qbt 3	Anthracene	8.4	U
21-11259	MD21-01-0179	5.5–6	Qbt 3	Benzo(a)anthracene	8.4	U
21-11259	MD21-01-0179	5.5–6	Qbt 3	Benzo(a)pyrene	8.4	U
21-11259	MD21-01-0179	5.5–6	Qbt 3	Benzo(b)fluoranthene	8.4	U
21-11259	MD21-01-0179	5.5–6	Qbt 3	Benzo(k)fluoranthene	8.4	U
21-11259	MD21-01-0179	5.5–6	Qbt 3	Chrysene	8.4	U
21-11259	MD21-01-0179	5.5–6	Qbt 3	Dibenz(a,h)anthracene	8.4	U
21-11259	MD21-01-0179	5.5–6	Qbt 3	Fluoranthene	8.4	U
21-11259	MD21-01-0179	5.5–6	Qbt 3	Fluorene	8.4	U
21-11259	MD21-01-0179	5.5–6	Qbt 3	Methylnaphthalene[2-]	8.4	U
21-11259	MD21-01-0179	5.5–6	Qbt 3	Naphthalene	8.4	U
21-11259	MD21-01-0179	5.5–6	Qbt 3	Phenanthrene	8.4	U
21-11259	MD21-01-0179	5.5–6	Qbt 3	Pyrene	41	U
21-11259	MD21-01-0179	5.5–6	Qbt 3	Diesel-range organics	7800	None
21-11259	MD21-01-0179	5.5–6	Qbt 3	Gasoline-range organics	1200	None
21-11259	MD21-01-0179	5.5–6	Qbt 3	Benzene	0.0055	U
21-11259	MD21-01-0179	5.5–6	Qbt 3	Ethylbenzene	0.0055	U
21-11259	MD21-01-0179	5.5–6	Qbt 3	Toluene	0.0055	U
21-11259	MD21-01-0179	5.5–6	Qbt 3	Xylene (total)	0.0055	U
21-11259	MD21-01-0179	5.5–6	Qbt 3	Xylene[1,2-]	0.0028	U
21-11259	MD21-01-0180	12–12.7	Qbt 3	Acenaphthene	0.37	U
21-11259	MD21-01-0180	12–12.7	Qbt 3	Anthracene	0.37	U
21-11259	MD21-01-0180	12–12.7	Qbt 3	Benzo(a)anthracene	0.37	U
21-11259	MD21-01-0180	12–12.7	Qbt 3	Benzo(a)pyrene	0.37	U
21-11259	MD21-01-0180	12–12.7	Qbt 3	Benzo(b)fluoranthene	0.37	U
21-11259	MD21-01-0180	12–12.7	Qbt 3	Benzo(k)fluoranthene	0.37	U
21-11259	MD21-01-0180	12–12.7	Qbt 3	Chrysene	0.37	U
21-11259	MD21-01-0180	12–12.7	Qbt 3	Dibenz(a,h)anthracene	0.37	U
21-11259	MD21-01-0180	12–12.7	Qbt 3	Fluoranthene	0.37	U
21-11259	MD21-01-0180	12–12.7	Qbt 3	Fluorene	0.37	U

Table D-5.0-3 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result (mg/kg)	Report Qualifier
21-11259	MD21-01-0180	12–12.7	Qbt 3	Methylnaphthalene[2-]	0.37	U
21-11259	MD21-01-0180	12–12.7	Qbt 3	Naphthalene	0.37	U
21-11259	MD21-01-0180	12–12.7	Qbt 3	Phenanthrene	0.37	U
21-11259	MD21-01-0180	12–12.7	Qbt 3	Pyrene	1.8	U
21-11259	MD21-01-0180	12–12.7	Qbt 3	Diesel-range organics	28	U
21-11259	MD21-01-0180	12–12.7	Qbt 3	Gasoline-range organics	2.2	None
21-11259	MD21-01-0180	12–12.7	Qbt 3	Benzene	0.0056	U
21-11259	MD21-01-0180	12–12.7	Qbt 3	Ethylbenzene	0.0056	U
21-11259	MD21-01-0180	12–12.7	Qbt 3	Toluene	0.0056	U
21-11259	MD21-01-0180	12–12.7	Qbt 3	Xylene (total)	0.0056	U
21-11259	MD21-01-0180	12–12.7	Qbt 3	Xylene[1,2-]	0.0028	U
21-11259	MD21-01-0181	14–15.3	Qbt 3	Acenaphthene	0.37	U
21-11259	MD21-01-0181	14–15.3	Qbt 3	Anthracene	0.37	U
21-11259	MD21-01-0181	14–15.3	Qbt 3	Benzo(a)anthracene	0.37	U
21-11259	MD21-01-0181	14–15.3	Qbt 3	Benzo(a)pyrene	0.37	U
21-11259	MD21-01-0181	14–15.3	Qbt 3	Benzo(b)fluoranthene	0.37	U
21-11259	MD21-01-0181	14–15.3	Qbt 3	Benzo(k)fluoranthene	0.37	U
21-11259	MD21-01-0181	14–15.3	Qbt 3	Chrysene	0.37	U
21-11259	MD21-01-0181	14–15.3	Qbt 3	Dibenz(a,h)anthracene	0.37	U
21-11259	MD21-01-0181	14–15.3	Qbt 3	Fluoranthene	0.37	U
21-11259	MD21-01-0181	14–15.3	Qbt 3	Fluorene	0.37	U
21-11259	MD21-01-0181	14–15.3	Qbt 3	Methylnaphthalene[2-]	0.37	U
21-11259	MD21-01-0181	14–15.3	Qbt 3	Naphthalene	0.37	U
21-11259	MD21-01-0181	14–15.3	Qbt 3	Phenanthrene	0.37	U
21-11259	MD21-01-0181	14–15.3	Qbt 3	Pyrene	1.8	U
21-11259	MD21-01-0181	14–15.3	Qbt 3	Diesel-range organics	28	U
21-11259	MD21-01-0181	14–15.3	Qbt 3	Gasoline-range organics	0.28	UJ
21-11259	MD21-01-0181	14–15.3	Qbt 3	Benzene	0.0059	U
21-11259	MD21-01-0181	14–15.3	Qbt 3	Ethylbenzene	0.0059	U
21-11259	MD21-01-0181	14–15.3	Qbt 3	Toluene	0.0059	U
21-11259	MD21-01-0181	14–15.3	Qbt 3	Xylene (total)	0.0059	U
21-11259	MD21-01-0181	14–15.3	Qbt 3	Xylene[1,2-]	0.0029	U
21-11260	MD21-01-0182	5.5–6	Qbt 3	Acenaphthene	0.38	U
21-11260	MD21-01-0182	5.5–6	Qbt 3	Anthracene	0.38	U
21-11260	MD21-01-0182	5.5–6	Qbt 3	Benzo(a)anthracene	0.38	U
21-11260	MD21-01-0182	5.5–6	Qbt 3	Benzo(a)pyrene	0.38	U
21-11260	MD21-01-0182	5.5–6	Qbt 3	Benzo(b)fluoranthene	0.38	U
21-11260	MD21-01-0182	5.5–6	Qbt 3	Benzo(k)fluoranthene	0.38	U
21-11260	MD21-01-0182	5.5–6	Qbt 3	Chrysene	0.38	U
21-11260	MD21-01-0182	5.5–6	Qbt 3	Dibenz(a,h)anthracene	0.38	U
21-11260	MD21-01-0182	5.5–6	Qbt 3	Fluoranthene	0.38	U
21-11260	MD21-01-0182	5.5–6	Qbt 3	Fluorene	0.38	U
21-11260	MD21-01-0182	5.5–6	Qbt 3	Methylnaphthalene[2-]	0.38	U
21-11260	MD21-01-0182	5.5–6	Qbt 3	Naphthalene	0.38	U
21-11260	MD21-01-0182	5.5–6	Qbt 3	Phenanthrene	0.38	U
21-11260	MD21-01-0182	5.5–6	Qbt 3	Pyrene	1.9	U
21-11260	MD21-01-0182	5.5–6	Qbt 3	Diesel-range organics	29	U

Table D-5.0-3 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result (mg/kg)	Report Qualifier
21-11260	MD21-01-0182	5.5–6	Qbt 3	Gasoline-range organics	0.29	U
21-11260	MD21-01-0182	5.5–6	Qbt 3	Benzene	0.0057	U
21-11260	MD21-01-0182	5.5–6	Qbt 3	Ethylbenzene	0.0057	U
21-11260	MD21-01-0182	5.5–6	Qbt 3	Toluene	0.0057	U
21-11260	MD21-01-0182	5.5–6	Qbt 3	Xylene (total)	0.0057	U
21-11260	MD21-01-0182	5.5–6	Qbt 3	Xylene[1,2-]	0.0029	U
21-11260	MD21-01-0183	9.5–10	Qbt 3	Acenaphthene	0.37	U
21-11260	MD21-01-0183	9.5–10	Qbt 3	Anthracene	0.37	U
21-11260	MD21-01-0183	9.5–10	Qbt 3	Benzo(a)anthracene	0.37	U
21-11260	MD21-01-0183	9.5–10	Qbt 3	Benzo(a)pyrene	0.37	U
21-11260	MD21-01-0183	9.5–10	Qbt 3	Benzo(b)fluoranthene	0.37	U
21-11260	MD21-01-0183	9.5–10	Qbt 3	Benzo(k)fluoranthene	0.37	U
21-11260	MD21-01-0183	9.5–10	Qbt 3	Chrysene	0.37	U
21-11260	MD21-01-0183	9.5–10	Qbt 3	Dibenz(a,h)anthracene	0.37	U
21-11260	MD21-01-0183	9.5–10	Qbt 3	Fluoranthene	0.37	U
21-11260	MD21-01-0183	9.5–10	Qbt 3	Fluorene	0.37	U
21-11260	MD21-01-0183	9.5–10	Qbt 3	Methylnaphthalene[2-]	0.37	U
21-11260	MD21-01-0183	9.5–10	Qbt 3	Naphthalene	0.37	U
21-11260	MD21-01-0183	9.5–10	Qbt 3	Phenanthrene	0.37	U
21-11260	MD21-01-0183	9.5–10	Qbt 3	Pyrene	1.8	U
21-11260	MD21-01-0183	9.5–10	Qbt 3	Diesel-range organics	28	U
21-11260	MD21-01-0183	9.5–10	Qbt 3	Gasoline-range organics	0.28	U
21-11260	MD21-01-0183	9.5–10	Qbt 3	Benzene	0.0053	U
21-11260	MD21-01-0183	9.5–10	Qbt 3	Ethylbenzene	0.0053	U
21-11260	MD21-01-0183	9.5–10	Qbt 3	Toluene	0.0053	U
21-11260	MD21-01-0183	9.5–10	Qbt 3	Xylene (total)	0.0053	U
21-11260	MD21-01-0183	9.5–10	Qbt 3	Xylene[1,2-]	0.0027	U
21-11261	MD21-01-0184	1.5–2	Sediment	Acenaphthene	2.2	U
21-11261	MD21-01-0184	1.5–2	Sediment	Anthracene	2.2	U
21-11261	MD21-01-0184	1.5–2	Sediment	Benzo(a)anthracene	2.2	U
21-11261	MD21-01-0184	1.5–2	Sediment	Benzo(a)pyrene	2.2	U
21-11261	MD21-01-0184	1.5–2	Sediment	Benzo(b)fluoranthene	2.2	U
21-11261	MD21-01-0184	1.5–2	Sediment	Benzo(k)fluoranthene	2.2	U
21-11261	MD21-01-0184	1.5–2	Sediment	Chrysene	2.2	U
21-11261	MD21-01-0184	1.5–2	Sediment	Dibenz(a,h)anthracene	2.2	U
21-11261	MD21-01-0184	1.5–2	Sediment	Fluoranthene	2.2	U
21-11261	MD21-01-0184	1.5–2	Sediment	Fluorene	2.2	U
21-11261	MD21-01-0184	1.5–2	Sediment	Methylnaphthalene[2-]	2.2	U
21-11261	MD21-01-0184	1.5–2	Sediment	Naphthalene	2.2	U
21-11261	MD21-01-0184	1.5–2	Sediment	Phenanthrene	2.2	U
21-11261	MD21-01-0184	1.5–2	Sediment	Pyrene	11	U
21-11261	MD21-01-0184	1.5–2	Sediment	Diesel-range organics	190	None
21-11261	MD21-01-0184	1.5–2	Sediment	Gasoline-range organics	1.2	None
21-11261	MD21-01-0184	1.5–2	Sediment	Benzene	0.0059	U
21-11261	MD21-01-0184	1.5–2	Sediment	Ethylbenzene	0.0059	U
21-11261	MD21-01-0184	1.5–2	Sediment	Toluene	0.0059	U
21-11261	MD21-01-0184	1.5–2	Sediment	Xylene (total)	0.0059	U

Table D-5.0-3 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result (mg/kg)	Report Qualifier
21-11261	MD21-01-0184	1.5–2	Sediment	Xylene[1,2-]	0.003	U
21-11261	MD21-01-0185	9.5–10	Qbt 3	Acenaphthene	0.37	U
21-11261	MD21-01-0185	9.5–10	Qbt 3	Anthracene	0.37	U
21-11261	MD21-01-0185	9.5–10	Qbt 3	Benzo(a)anthracene	0.37	U
21-11261	MD21-01-0185	9.5–10	Qbt 3	Benzo(a)pyrene	0.37	U
21-11261	MD21-01-0185	9.5–10	Qbt 3	Benzo(b)fluoranthene	0.37	U
21-11261	MD21-01-0185	9.5–10	Qbt 3	Benzo(k)fluoranthene	0.37	U
21-11261	MD21-01-0185	9.5–10	Qbt 3	Chrysene	0.37	U
21-11261	MD21-01-0185	9.5–10	Qbt 3	Dibenz(a,h)anthracene	0.37	U
21-11261	MD21-01-0185	9.5–10	Qbt 3	Fluoranthene	0.37	U
21-11261	MD21-01-0185	9.5–10	Qbt 3	Fluorene	0.37	U
21-11261	MD21-01-0185	9.5–10	Qbt 3	Methylnaphthalene[2-]	0.37	U
21-11261	MD21-01-0185	9.5–10	Qbt 3	Naphthalene	0.37	U
21-11261	MD21-01-0185	9.5–10	Qbt 3	Phenanthrene	0.37	U
21-11261	MD21-01-0185	9.5–10	Qbt 3	Pyrene	1.8	U
21-11261	MD21-01-0185	9.5–10	Qbt 3	Diesel-range organics	28	U
21-11261	MD21-01-0185	9.5–10	Qbt 3	Gasoline-range organics	0.28	U
21-11261	MD21-01-0185	9.5–10	Qbt 3	Benzene	0.0056	U
21-11261	MD21-01-0185	9.5–10	Qbt 3	Ethylbenzene	0.0056	U
21-11261	MD21-01-0185	9.5–10	Qbt 3	Toluene	0.0056	U
21-11261	MD21-01-0185	9.5–10	Qbt 3	Xylene (total)	0.0056	U
21-11261	MD21-01-0185	9.5–10	Qbt 3	Xylene[1,2-]	0.0028	U

Table D-6.0-1
Non-UST Analytical Results for the Mesa Top, PRS 21-029, at DP Tank Farm and for the DP Canyon Western and Eastern Seep Investigation Areas

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
East canyon[a]	21-11123	MD21-00-0038	0–0.5	Sediment	Trimethylbenzene[1,2,4-]	0.0071	mg/kg	U
East canyon	21-11123	MD21-00-0038	0–0.5	Sediment	Trimethylbenzene[1,3,5-]	0.0071	mg/kg	U
East canyon	21-11123	MD21-00-0076	0–0.5	Sediment	Aluminum	1800	mg/kg	J-
East canyon	21-11123	MD21-00-0076	0–0.5	Sediment	Antimony	0.45	mg/kg	UJ
East canyon	21-11123	MD21-00-0076	0–0.5	Sediment	Arsenic	1.7	mg/kg	None
East canyon	21-11123	MD21-00-0076	0–0.5	Sediment	Barium	24	mg/kg	None
East canyon	21-11123	MD21-00-0076	0–0.5	Sediment	Beryllium	0.24	mg/kg	J
East canyon	21-11123	MD21-00-0076	0–0.5	Sediment	Cadmium	0.023	mg/kg	U
East canyon	21-11123	MD21-00-0076	0–0.5	Sediment	Calcium	1700	mg/kg	None
East canyon	21-11123	MD21-00-0076	0–0.5	Sediment	Chromium, total	3.9	mg/kg	None
East canyon	21-11123	MD21-00-0076	0–0.5	Sediment	Cobalt	1.5	mg/kg	None
East canyon	21-11123	MD21-00-0076	0–0.5	Sediment	Copper	4.6	mg/kg	None
East canyon	21-11123	MD21-00-0076	0–0.5	Sediment	Iron	5000	mg/kg	None
East canyon	21-11123	MD21-00-0076	0–0.5	Sediment	Magnesium	390	mg/kg	None
East canyon	21-11123	MD21-00-0076	0–0.5	Sediment	Manganese	100	mg/kg	None
East canyon	21-11123	MD21-00-0076	0–0.5	Sediment	Mercury	0.018	mg/kg	U
East canyon	21-11123	MD21-00-0076	0–0.5	Sediment	Nickel	2.6	mg/kg	None
East canyon	21-11123	MD21-00-0076	0–0.5	Sediment	Potassium	290	mg/kg	None
East canyon	21-11123	MD21-00-0076	0–0.5	Sediment	Selenium	0.46	mg/kg	U
East canyon	21-11123	MD21-00-0076	0–0.5	Sediment	Silver	0.11	mg/kg	U
East canyon	21-11123	MD21-00-0076	0–0.5	Sediment	Sodium	61	mg/kg	J
East canyon	21-11123	MD21-00-0076	0–0.5	Sediment	Thallium	0.44	mg/kg	U
East canyon	21-11123	MD21-00-0076	0–0.5	Sediment	Vanadium	6.1	mg/kg	None
East canyon	21-11123	MD21-00-0076	0–0.5	Sediment	Zinc	53	mg/kg	None
East canyon	21-11123	MD21-00-0076	0–0.5	Sediment	Ethanol	6.3	mg/kg	U
East canyon	21-11123	MD21-00-0076	0–0.5	Sediment	Aroclor-1016	0.042	mg/kg	U
East canyon	21-11123	MD21-00-0076	0–0.5	Sediment	Aroclor-1221	0.084	mg/kg	U
East canyon	21-11123	MD21-00-0076	0–0.5	Sediment	Aroclor-1232	0.042	mg/kg	U
East canyon	21-11123	MD21-00-0076	0–0.5	Sediment	Aroclor-1242	0.042	mg/kg	U
East canyon	21-11123	MD21-00-0076	0–0.5	Sediment	Aroclor-1248	0.042	mg/kg	U
East canyon	21-11123	MD21-00-0076	0–0.5	Sediment	Aroclor-1254	0.042	mg/kg	U
East canyon	21-11123	MD21-00-0076	0–0.5	Sediment	Aroclor-1260	0.042	mg/kg	U
East canyon	21-11123	MD21-00-0076	0–0.5	Sediment	Acenaphthylene	4.2	mg/kg	U
East canyon	21-11123	MD21-00-0076	0–0.5	Sediment	Aniline	8.4	mg/kg	U
East canyon	21-11123	MD21-00-0076	0–0.5	Sediment	Azobenzene	8.4	mg/kg	U
East canyon	21-11123	MD21-00-0076	0–0.5	Sediment	Benzidine	4.2	mg/kg	U
East canyon	21-11123	MD21-00-0076	0–0.5	Sediment	Benzo(g,h,i)perylene	4.2	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
East canyon	21-11123	MD21-00-0076	0–0.5	Sediment	Benzoic acid	21	mg/kg	U
East canyon	21-11123	MD21-00-0076	0–0.5	Sediment	Benzyl alcohol	8.4	mg/kg	U
East canyon	21-11123	MD21-00-0076	0–0.5	Sediment	Bis(2-chloroethoxy)methane	4.2	mg/kg	U
East canyon	21-11123	MD21-00-0076	0–0.5	Sediment	Bis(2-chloroethyl)ether	4.2	mg/kg	U
East canyon	21-11123	MD21-00-0076	0–0.5	Sediment	Bis(2-ethylhexyl)phthalate	4.2	mg/kg	U
East canyon	21-11123	MD21-00-0076	0–0.5	Sediment	Bromophenyl-phenylether[4-]	4.2	mg/kg	U
East canyon	21-11123	MD21-00-0076	0–0.5	Sediment	Butylbenzylphthalate	4.2	mg/kg	U
East canyon	21-11123	MD21-00-0076	0–0.5	Sediment	Carbazole	4.2	mg/kg	U
East canyon	21-11123	MD21-00-0076	0–0.5	Sediment	Chloro-3-methylphenol[4-]	8.4	mg/kg	U
East canyon	21-11123	MD21-00-0076	0–0.5	Sediment	Chloroaniline[4-]	8.4	mg/kg	U
East canyon	21-11123	MD21-00-0076	0–0.5	Sediment	Chloronaphthalene[2-]	4.2	mg/kg	U
East canyon	21-11123	MD21-00-0076	0–0.5	Sediment	Chlorophenol[2-]	4.2	mg/kg	U
East canyon	21-11123	MD21-00-0076	0–0.5	Sediment	Chlorophenyl-phenyl[4-] ether	4.2	mg/kg	U
East canyon	21-11123	MD21-00-0076	0–0.5	Sediment	Di-n-butylphthalate	4.2	mg/kg	U
East canyon	21-11123	MD21-00-0076	0–0.5	Sediment	Di-n-octylphthalate	4.2	mg/kg	U
East canyon	21-11123	MD21-00-0076	0–0.5	Sediment	Dibenzofuran	4.2	mg/kg	U
East canyon	21-11123	MD21-00-0076	0–0.5	Sediment	Dichlorobenzene[1,2-]	4.2	mg/kg	U
East canyon	21-11123	MD21-00-0076	0–0.5	Sediment	Dichlorobenzene[1,3-]	4.2	mg/kg	U
East canyon	21-11123	MD21-00-0076	0–0.5	Sediment	Dichlorobenzene[1,4-]	4.2	mg/kg	U
East canyon	21-11123	MD21-00-0076	0–0.5	Sediment	Dichlorobenzidine[3,3'-]	8.4	mg/kg	U
East canyon	21-11123	MD21-00-0076	0–0.5	Sediment	Dichlorophenol[2,4-]	4.2	mg/kg	U
East canyon	21-11123	MD21-00-0076	0–0.5	Sediment	Diethylphthalate	4.2	mg/kg	U
East canyon	21-11123	MD21-00-0076	0–0.5	Sediment	Dimethyl phthalate	4.2	mg/kg	U
East canyon	21-11123	MD21-00-0076	0–0.5	Sediment	Dimethylphenol[2,4-]	4.2	mg/kg	U
East canyon	21-11123	MD21-00-0076	0–0.5	Sediment	Dinitro-2-methylphenol[4,6-]	21	mg/kg	U
East canyon	21-11123	MD21-00-0076	0–0.5	Sediment	Dinitrophenol[2,4-]	21	mg/kg	U
East canyon	21-11123	MD21-00-0076	0–0.5	Sediment	Dinitrotoluene[2,4-]	4.2	mg/kg	U
East canyon	21-11123	MD21-00-0076	0–0.5	Sediment	Dinitrotoluene[2,6-]	4.2	mg/kg	U
East canyon	21-11123	MD21-00-0076	0–0.5	Sediment	Hexachlorobenzene	4.2	mg/kg	U
East canyon	21-11123	MD21-00-0076	0–0.5	Sediment	Hexachlorobutadiene	4.2	mg/kg	U
East canyon	21-11123	MD21-00-0076	0–0.5	Sediment	Hexachlorocyclopentadiene	4.2	mg/kg	U
East canyon	21-11123	MD21-00-0076	0–0.5	Sediment	Hexachloroethane	4.2	mg/kg	U
East canyon	21-11123	MD21-00-0076	0–0.5	Sediment	Indeno(1,2,3-cd)pyrene	4.2	mg/kg	U
East canyon	21-11123	MD21-00-0076	0–0.5	Sediment	Isophorone	4.2	mg/kg	U
East canyon	21-11123	MD21-00-0076	0–0.5	Sediment	Methylphenol[2-]	4.2	mg/kg	U
East canyon	21-11123	MD21-00-0076	0–0.5	Sediment	Methylphenol[4-]	4.2	mg/kg	U
East canyon	21-11123	MD21-00-0076	0–0.5	Sediment	Nitroaniline[2-]	21	mg/kg	U
East canyon	21-11123	MD21-00-0076	0–0.5	Sediment	Nitroaniline[3-]	21	mg/kg	U
East canyon	21-11123	MD21-00-0076	0–0.5	Sediment	Nitroaniline[4-]	8.4	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
East canyon	21-11123	MD21-00-0076	0–0.5	Sediment	Nitrobenzene	4.2	mg/kg	U
East canyon	21-11123	MD21-00-0076	0–0.5	Sediment	Nitrophenol[2-]	4.2	mg/kg	U
East canyon	21-11123	MD21-00-0076	0–0.5	Sediment	Nitrophenol[4-]	21	mg/kg	U
East canyon	21-11123	MD21-00-0076	0–0.5	Sediment	Nitroso-di-n-propylamine[N-]	4.2	mg/kg	U
East canyon	21-11123	MD21-00-0076	0–0.5	Sediment	Nitrosodimethylamine[N-]	4.2	mg/kg	U
East canyon	21-11123	MD21-00-0076	0–0.5	Sediment	Nitrosodiphenylamine[N-]	4.2	mg/kg	U
East canyon	21-11123	MD21-00-0076	0–0.5	Sediment	Oxybis(1-chloropropane)[2,2'-]	4.2	mg/kg	U
East canyon	21-11123	MD21-00-0076	0–0.5	Sediment	Pentachlorophenol	21	mg/kg	U
East canyon	21-11123	MD21-00-0076	0–0.5	Sediment	Phenol	4.2	mg/kg	U
East canyon	21-11123	MD21-00-0076	0–0.5	Sediment	Pyridine	4.2	mg/kg	U
East canyon	21-11123	MD21-00-0076	0–0.5	Sediment	Trichlorobenzene[1,2,4-]	4.2	mg/kg	U
East canyon	21-11123	MD21-00-0076	0–0.5	Sediment	Trichlorophenol[2,4,5-]	21	mg/kg	U
East canyon	21-11123	MD21-00-0076	0–0.5	Sediment	Trichlorophenol[2,4,6-]	4.2	mg/kg	U
East canyon	21-11123	MD21-00-0076	0–0.5	Sediment	Americium-241	0.011	pCi/g	U
East canyon	21-11123	MD21-00-0076	0–0.5	Sediment	Tritium	0.007	pCi/g	U
East canyon	21-11123	MD21-00-0076	0–0.5	Sediment	Plutonium-238	0.0003	pCi/g	U
East canyon	21-11123	MD21-00-0076	0–0.5	Sediment	Plutonium-239	0.0086	pCi/g	U
East canyon	21-11123	MD21-00-0076	0–0.5	Sediment	Uranium-234	0.57	pCi/g	None
East canyon	21-11123	MD21-00-0076	0–0.5	Sediment	Strontium-90	0.12	pCi/g	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Aluminum	9700	mg/kg	None
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Antimony	0.12	mg/kg	UJ
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Arsenic	3.7	mg/kg	None
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Barium	38	mg/kg	None
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Beryllium	0.76	mg/kg	None
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Cadmium	0.047	mg/kg	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Calcium	810	mg/kg	None
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Chromium, total	6.7	mg/kg	None
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Cobalt	1.8	mg/kg	None
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Copper	3.6	mg/kg	None
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Iron	11000	mg/kg	None
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Magnesium	920	mg/kg	None
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Manganese	150	mg/kg	None
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Mercury	0.0217	mg/kg	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Nickel	5	mg/kg	None
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Potassium	1100	mg/kg	None
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Selenium	0.452	mg/kg	None
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Silver	1.8	mg/kg	None
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Sodium	130	mg/kg	None
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Thallium	0.118	mg/kg	J

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Vanadium	12	mg/kg	None
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Zinc	54	mg/kg	None
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Ethanol	6.1	mg/kg	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Acenaphthylene	4	mg/kg	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Aniline	4	mg/kg	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Azobenzene	4	mg/kg	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Benzo(g,h,i)perylene	4	mg/kg	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Benzoic acid	9.9	mg/kg	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Benzyl alcohol	4	mg/kg	UJ
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Bis(2-chloroethoxy)methane	4	mg/kg	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Bis(2-chloroethyl)ether	4	mg/kg	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Bis(2-ethylhexyl)phthalate	4	mg/kg	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Bromophenyl-phenylether[4-]	4	mg/kg	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Butylbenzylphthalate	4	mg/kg	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Chloro-3-methylphenol[4-]	4	mg/kg	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Chloroaniline[4-]	4	mg/kg	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Chloronaphthalene[2-]	4	mg/kg	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Chlorophenol[2-]	4	mg/kg	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Chlorophenyl-phenyl[4-] ether	4	mg/kg	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Di-n-butylphthalate	4	mg/kg	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Di-n-octylphthalate	4	mg/kg	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Dibenzofuran	4	mg/kg	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Dichlorobenzene[1,2-]	4	mg/kg	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Dichlorobenzene[1,3-]	4	mg/kg	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Dichlorobenzene[1,4-]	4	mg/kg	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Dichlorobenzidine[3,3'-]	4	mg/kg	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Dichlorophenol[2,4-]	4	mg/kg	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Diethylphthalate	4	mg/kg	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Dimethyl phthalate	4	mg/kg	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Dimethylphenol[2,4-]	4	mg/kg	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Dinitro-2-methylphenol[4,6-]	9.9	mg/kg	R
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Dinitrophenol[2,4-]	9.9	mg/kg	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Dinitrotoluene[2,4-]	4	mg/kg	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Dinitrotoluene[2,6-]	4	mg/kg	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Hexachlorobenzene	4	mg/kg	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Hexachlorobutadiene	4	mg/kg	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Hexachlorocyclopentadiene	4	mg/kg	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Hexachloroethane	4	mg/kg	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Indeno(1,2,3-cd)pyrene	4	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Isophorone	4	mg/kg	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Methylphenol[2-]	4	mg/kg	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Methylphenol[4-]	4	mg/kg	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Nitroaniline[2-]	9.9	mg/kg	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Nitroaniline[3-]	9.9	mg/kg	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Nitroaniline[4-]	4	mg/kg	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Nitrobenzene	4	mg/kg	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Nitrophenol[2-]	4	mg/kg	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Nitrophenol[4-]	9.9	mg/kg	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Nitroso-di-n-propylamine[N-]	4	mg/kg	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Nitrosodimethylamine[N-]	4	mg/kg	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Nitrosodiphenylamine[N-]	4	mg/kg	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Oxybis(1-chloropropane)[2,2'-]	4	mg/kg	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Pentachlorophenol	9.9	mg/kg	R
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Phenol	4	mg/kg	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Pyridine	4	mg/kg	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Trichlorobenzene[1,2,4-]	4	mg/kg	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Trichlorophenol[2,4,5-]	9.9	mg/kg	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Trichlorophenol[2,4,6-]	4	mg/kg	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Stoddard solvent	86	mg/kg	None
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Acetone	0.25	mg/kg	J
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Bromobenzene	0.006	mg/kg	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Bromochloromethane	0.006	mg/kg	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Bromodichloromethane	0.006	mg/kg	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Bromoform	0.006	mg/kg	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Bromomethane	0.011	mg/kg	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Butanone[2-]	0.022	mg/kg	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Butylbenzene[n-]	0.006	mg/kg	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Butylbenzene[sec-]	0.12	mg/kg	J
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Butylbenzene[tert-]	0.006	mg/kg	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Carbon disulfide	0.006	mg/kg	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Carbon tetrachloride	0.006	mg/kg	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Chlorobenzene	0.006	mg/kg	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Chlorodibromomethane	0.006	mg/kg	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Chloroethane	0.011	mg/kg	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Chloroform	0.006	mg/kg	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Chloromethane	0.011	mg/kg	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Chlorotoluene[2-]	0.006	mg/kg	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Chlorotoluene[4-]	0.006	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Dibromo-3-chloropropane[1,2-]	0.011	mg/kg	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Dibromomethane	0.006	mg/kg	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Dichlorobenzene[1,2-]	0.006	mg/kg	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Dichlorobenzene[1,3-]	0.006	mg/kg	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Dichlorobenzene[1,4-]	0.006	mg/kg	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Dichlorodifluoromethane	0.011	mg/kg	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Dichloroethane[1,1-]	0.006	mg/kg	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Dichloroethene[1,1-]	0.006	mg/kg	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Dichloroethene[cis-1,2-]	0.006	mg/kg	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Dichloroethene[trans-1,2-]	0.006	mg/kg	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Dichloropropane[1,2-]	0.006	mg/kg	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Dichloropropane[1,3-]	0.006	mg/kg	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Dichloropropane[2,2-]	0.006	mg/kg	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Dichloropropene[1,1-]	0.006	mg/kg	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Dichloropropene[cis-1,3-]	0.006	mg/kg	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Dichloropropene[trans-1,3-]	0.006	mg/kg	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Hexanone[2-]	0.022	mg/kg	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Iodomethane	0.006	mg/kg	UJ
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Isopropylbenzene	0.006	mg/kg	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Isopropyltoluene[4-]	0.006	mg/kg	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Methyl-2-pentanone[4-]	0.022	mg/kg	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Methylene chloride	0.013	mg/kg	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Propylbenzene[1-]	0.003	mg/kg	J+
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Styrene	0.006	mg/kg	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Tetrachloroethane[1,1,1,2-]	0.006	mg/kg	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Tetrachloroethane[1,1,2,2-]	0.006	mg/kg	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Tetrachloroethene	0.006	mg/kg	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.006	mg/kg	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Trichloroethane[1,1,1-]	0.006	mg/kg	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Trichloroethane[1,1,2-]	0.006	mg/kg	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Trichloroethene	0.006	mg/kg	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Trichlorofluoromethane	0.006	mg/kg	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Trichloropropane[1,2,3-]	0.006	mg/kg	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Trimethylbenzene[1,2,4-]	0.002	mg/kg	J+
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Trimethylbenzene[1,3,5-]	0.006	mg/kg	U
East canyon	21-11181	MD21-00-0165	5–6	Sediment	Vinyl chloride	0.011	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Aluminum	2500	mg/kg	None
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Antimony	0.116	mg/kg	UJ
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Arsenic	2.2	mg/kg	None

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Barium	15	mg/kg	None
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Beryllium	0.6	mg/kg	None
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Cadmium	0.0453	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Calcium	290	mg/kg	None
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Chromium, total	2.2	mg/kg	None
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Cobalt	0.44	mg/kg	J
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Copper	2.4	mg/kg	None
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Iron	6400	mg/kg	None
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Magnesium	290	mg/kg	None
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Manganese	250	mg/kg	None
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Mercury	0.0209	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Nickel	2.12	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Potassium	270	mg/kg	None
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Selenium	0.503	mg/kg	None
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Silver	0.51	mg/kg	J
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Sodium	130	mg/kg	None
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Thallium	0.0581	mg/kg	UJ
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Vanadium	1.9	mg/kg	None
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Zinc	43	mg/kg	None
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Ethanol	5.8	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Acenaphthylene	0.39	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Aniline	0.39	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Azobenzene	0.39	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Benzo(g,h,i)perylene	0.39	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Benzoic acid	0.96	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Benzyl alcohol	0.39	mg/kg	UJ
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Bis(2-chloroethoxy)methane	0.39	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Bis(2-chloroethyl)ether	0.39	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Bis(2-ethylhexyl)phthalate	0.069	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Bromophenyl-phenylether[4-]	0.39	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Butylbenzylphthalate	0.39	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Chloro-3-methylphenol[4-]	0.39	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Chloroaniline[4-]	0.39	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Chloronaphthalene[2-]	0.39	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Chlorophenol[2-]	0.39	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.39	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Di-n-butylphthalate	0.39	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Di-n-octylphthalate	0.39	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Dibenzofuran	0.39	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Dichlorobenzene[1,2-]	0.39	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Dichlorobenzene[1,3-]	0.39	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Dichlorobenzene[1,4-]	0.39	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Dichlorobenzidine[3,3'-]	0.39	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Dichlorophenol[2,4-]	0.39	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Diethylphthalate	0.39	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Dimethyl phthalate	0.39	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Dimethylphenol[2,4-]	0.39	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Dinitro-2-methylphenol[4,6-]	0.96	mg/kg	R
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Dinitrophenol[2,4-]	0.96	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Dinitrotoluene[2,4-]	0.39	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Dinitrotoluene[2,6-]	0.39	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Hexachlorobenzene	0.39	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Hexachlorobutadiene	0.39	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Hexachlorocyclopentadiene	0.39	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Hexachloroethane	0.39	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Indeno(1,2,3-cd)pyrene	0.39	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Isophorone	0.39	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Methylphenol[2-]	0.39	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Methylphenol[4-]	0.39	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Nitroaniline[2-]	0.96	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Nitroaniline[3-]	0.96	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Nitroaniline[4-]	0.39	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Nitrobenzene	0.39	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Nitrophenol[2-]	0.39	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Nitrophenol[4-]	0.96	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Nitroso-di-n-propylamine[N-]	0.39	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Nitrosodimethylamine[N-]	0.39	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Nitrosodiphenylamine[N-]	0.39	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.39	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Pentachlorophenol	0.96	mg/kg	R
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Phenol	0.39	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Pyridine	0.39	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Trichlorobenzene[1,2,4-]	0.39	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Trichlorophenol[2,4,5-]	0.96	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Trichlorophenol[2,4,6-]	0.39	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Stoddard solvent	0.094	mg/kg	None
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Acetone	0.022	mg/kg	R
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Bromobenzene	0.006	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Bromochloromethane	0.006	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Bromodichloromethane	0.006	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Bromoform	0.006	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Bromomethane	0.011	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Butanone[2-]	0.022	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Butylbenzene[n-]	0.006	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Butylbenzene[sec-]	0.006	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Butylbenzene[tert-]	0.006	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Carbon disulfide	0.006	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Carbon tetrachloride	0.006	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Chlorobenzene	0.006	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Chlorodibromomethane	0.006	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Chloroethane	0.011	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Chloroform	0.006	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Chloromethane	0.011	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Chlorotoluene[2-]	0.006	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Chlorotoluene[4-]	0.006	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Dibromo-3-chloropropane[1,2-]	0.011	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Dibromomethane	0.006	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Dichlorobenzene[1,2-]	0.006	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Dichlorobenzene[1,3-]	0.006	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Dichlorobenzene[1,4-]	0.006	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Dichlorodifluoromethane	0.011	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Dichloroethane[1,1-]	0.006	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Dichloroethene[1,1-]	0.006	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Dichloroethene[cis-1,2-]	0.006	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Dichloroethene[trans-1,2-]	0.006	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Dichloropropane[1,2-]	0.006	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Dichloropropane[1,3-]	0.006	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Dichloropropane[2,2-]	0.006	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Dichloropropene[1,1-]	0.006	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Dichloropropene[cis-1,3-]	0.006	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Dichloropropene[trans-1,3-]	0.006	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Hexanone[2-]	0.022	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Iodomethane	0.006	mg/kg	UJ
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Isopropylbenzene	0.006	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Isopropyltoluene[4-]	0.006	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Methyl-2-pentanone[4-]	0.022	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Methylene chloride	0.012	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Propylbenzene[1-]	0.006	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Styrene	0.006	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Tetrachloroethane[1,1,1,2-]	0.006	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Tetrachloroethane[1,1,2,2-]	0.006	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Tetrachloroethene	0.006	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.006	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Trichloroethane[1,1,1-]	0.006	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Trichloroethane[1,1,2-]	0.006	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Trichloroethene	0.006	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Trichlorofluoromethane	0.006	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Trichloropropane[1,2,3-]	0.006	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Trimethylbenzene[1,2,4-]	0.006	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Trimethylbenzene[1,3,5-]	0.006	mg/kg	U
East canyon	21-11181	MD21-00-0166	14.5–15	Qbt 3	Vinyl chloride	0.011	mg/kg	U
East canyon	21-11246	MD21-01-0074	0–0.5	Sediment	Aluminum	2490	mg/kg	None
East canyon	21-11246	MD21-01-0074	0–0.5	Sediment	Antimony	0.35	mg/kg	U
East canyon	21-11246	MD21-01-0074	0–0.5	Sediment	Arsenic	1.1	mg/kg	J
East canyon	21-11246	MD21-01-0074	0–0.5	Sediment	Barium	24.1	mg/kg	J
East canyon	21-11246	MD21-01-0074	0–0.5	Sediment	Beryllium	0.34	mg/kg	J
East canyon	21-11246	MD21-01-0074	0–0.5	Sediment	Cadmium	0.037	mg/kg	U
East canyon	21-11246	MD21-01-0074	0–0.5	Sediment	Calcium	1620	mg/kg	J+
East canyon	21-11246	MD21-01-0074	0–0.5	Sediment	Chromium, total	2.6	mg/kg	J-
East canyon	21-11246	MD21-01-0074	0–0.5	Sediment	Cobalt	1.1	mg/kg	J
East canyon	21-11246	MD21-01-0074	0–0.5	Sediment	Copper	9.7	mg/kg	None
East canyon	21-11246	MD21-01-0074	0–0.5	Sediment	Iron	4670	mg/kg	None
East canyon	21-11246	MD21-01-0074	0–0.5	Sediment	Magnesium	520	mg/kg	J
East canyon	21-11246	MD21-01-0074	0–0.5	Sediment	Manganese	153	mg/kg	None
East canyon	21-11246	MD21-01-0074	0–0.5	Sediment	Mercury	0.025	mg/kg	J
East canyon	21-11246	MD21-01-0074	0–0.5	Sediment	Nickel	2	mg/kg	J
East canyon	21-11246	MD21-01-0074	0–0.5	Sediment	Potassium	173	mg/kg	U
East canyon	21-11246	MD21-01-0074	0–0.5	Sediment	Selenium	0.17	mg/kg	U
East canyon	21-11246	MD21-01-0074	0–0.5	Sediment	Silver	0.59	mg/kg	U
East canyon	21-11246	MD21-01-0074	0–0.5	Sediment	Sodium	50.1	mg/kg	J
East canyon	21-11246	MD21-01-0074	0–0.5	Sediment	Thallium	0.46	mg/kg	J
East canyon	21-11246	MD21-01-0074	0–0.5	Sediment	Vanadium	5.4	mg/kg	J
East canyon	21-11246	MD21-01-0074	0–0.5	Sediment	Zinc	48.4	mg/kg	None
East canyon	21-11246	MD21-01-0074	0–0.5	Sediment	Aroclor-1016	0.044	mg/kg	U
East canyon	21-11246	MD21-01-0074	0–0.5	Sediment	Aroclor-1221	0.044	mg/kg	U
East canyon	21-11246	MD21-01-0074	0–0.5	Sediment	Aroclor-1232	0.044	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
East canyon	21-11246	MD21-01-0074	0–0.5	Sediment	Aroclor-1242	0.044	mg/kg	U
East canyon	21-11246	MD21-01-0074	0–0.5	Sediment	Aroclor-1248	0.044	mg/kg	U
East canyon	21-11246	MD21-01-0074	0–0.5	Sediment	Aroclor-1254	0.044	mg/kg	U
East canyon	21-11246	MD21-01-0074	0–0.5	Sediment	Aroclor-1260	0.044	mg/kg	U
East canyon	21-11246	MD21-01-0074	0–0.5	Sediment	Acenaphthylene	0.44	mg/kg	U
East canyon	21-11246	MD21-01-0074	0–0.5	Sediment	Aniline	0.44	mg/kg	U
East canyon	21-11246	MD21-01-0074	0–0.5	Sediment	Azobenzene	0.44	mg/kg	U
East canyon	21-11246	MD21-01-0074	0–0.5	Sediment	Benzo(g,h,i)perylene	0.44	mg/kg	U
East canyon	21-11246	MD21-01-0074	0–0.5	Sediment	Benzoic acid	2.1	mg/kg	U
East canyon	21-11246	MD21-01-0074	0–0.5	Sediment	Benzyl alcohol	0.44	mg/kg	U
East canyon	21-11246	MD21-01-0074	0–0.5	Sediment	Bis(2-chloroethoxy)methane	0.44	mg/kg	U
East canyon	21-11246	MD21-01-0074	0–0.5	Sediment	Bis(2-chloroethyl)ether	0.44	mg/kg	U
East canyon	21-11246	MD21-01-0074	0–0.5	Sediment	Bis(2-ethylhexyl)phthalate	0.23	mg/kg	J
East canyon	21-11246	MD21-01-0074	0–0.5	Sediment	Bromophenyl-phenylether[4-]	0.44	mg/kg	U
East canyon	21-11246	MD21-01-0074	0–0.5	Sediment	Butylbenzylphthalate	0.44	mg/kg	U
East canyon	21-11246	MD21-01-0074	0–0.5	Sediment	Chloro-3-methylphenol[4-]	0.44	mg/kg	U
East canyon	21-11246	MD21-01-0074	0–0.5	Sediment	Chloroaniline[4-]	0.44	mg/kg	U
East canyon	21-11246	MD21-01-0074	0–0.5	Sediment	Chloronaphthalene[2-]	0.44	mg/kg	U
East canyon	21-11246	MD21-01-0074	0–0.5	Sediment	Chlorophenol[2-]	0.44	mg/kg	U
East canyon	21-11246	MD21-01-0074	0–0.5	Sediment	Chlorophenyl-phenyl[4-] ether	0.44	mg/kg	U
East canyon	21-11246	MD21-01-0074	0–0.5	Sediment	Di-n-butylphthalate	0.44	mg/kg	U
East canyon	21-11246	MD21-01-0074	0–0.5	Sediment	Di-n-octylphthalate	0.44	mg/kg	U
East canyon	21-11246	MD21-01-0074	0–0.5	Sediment	Dibenzofuran	0.44	mg/kg	U
East canyon	21-11246	MD21-01-0074	0–0.5	Sediment	Dichlorobenzene[1,2-]	0.44	mg/kg	U
East canyon	21-11246	MD21-01-0074	0–0.5	Sediment	Dichlorobenzene[1,3-]	0.44	mg/kg	U
East canyon	21-11246	MD21-01-0074	0–0.5	Sediment	Dichlorobenzene[1,4-]	0.44	mg/kg	U
East canyon	21-11246	MD21-01-0074	0–0.5	Sediment	Dichlorobenzidine[3,3'-]	2.1	mg/kg	U
East canyon	21-11246	MD21-01-0074	0–0.5	Sediment	Dichlorophenol[2,4-]	0.44	mg/kg	U
East canyon	21-11246	MD21-01-0074	0–0.5	Sediment	Diethylphthalate	0.44	mg/kg	U
East canyon	21-11246	MD21-01-0074	0–0.5	Sediment	Dimethyl phthalate	0.44	mg/kg	U
East canyon	21-11246	MD21-01-0074	0–0.5	Sediment	Dimethylphenol[2,4-]	0.44	mg/kg	U
East canyon	21-11246	MD21-01-0074	0–0.5	Sediment	Dinitro-2-methylphenol[4,6-]	2.1	mg/kg	U
East canyon	21-11246	MD21-01-0074	0–0.5	Sediment	Dinitrophenol[2,4-]	2.1	mg/kg	U
East canyon	21-11246	MD21-01-0074	0–0.5	Sediment	Dinitrotoluene[2,4-]	0.44	mg/kg	U
East canyon	21-11246	MD21-01-0074	0–0.5	Sediment	Dinitrotoluene[2,6-]	0.44	mg/kg	U
East canyon	21-11246	MD21-01-0074	0–0.5	Sediment	Hexachlorobenzene	0.44	mg/kg	U
East canyon	21-11246	MD21-01-0074	0–0.5	Sediment	Hexachlorobutadiene	0.44	mg/kg	U
East canyon	21-11246	MD21-01-0074	0–0.5	Sediment	Hexachlorocyclopentadiene	2.1	mg/kg	U
East canyon	21-11246	MD21-01-0074	0–0.5	Sediment	Hexachloroethane	0.44	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
East canyon	21-11246	MD21-01-0074	0–0.5	Sediment	Indeno(1,2,3-cd)pyrene	0.44	mg/kg	U
East canyon	21-11246	MD21-01-0074	0–0.5	Sediment	Isophorone	0.44	mg/kg	U
East canyon	21-11246	MD21-01-0074	0–0.5	Sediment	Methylphenol[2-]	0.44	mg/kg	U
East canyon	21-11246	MD21-01-0074	0–0.5	Sediment	Methylphenol[4-]	0.44	mg/kg	U
East canyon	21-11246	MD21-01-0074	0–0.5	Sediment	Nitroaniline[2-]	2.1	mg/kg	U
East canyon	21-11246	MD21-01-0074	0–0.5	Sediment	Nitroaniline[3-]	2.1	mg/kg	U
East canyon	21-11246	MD21-01-0074	0–0.5	Sediment	Nitroaniline[4-]	2.1	mg/kg	U
East canyon	21-11246	MD21-01-0074	0–0.5	Sediment	Nitrobenzene	0.44	mg/kg	U
East canyon	21-11246	MD21-01-0074	0–0.5	Sediment	Nitrophenol[2-]	0.44	mg/kg	U
East canyon	21-11246	MD21-01-0074	0–0.5	Sediment	Nitrophenol[4-]	2.1	mg/kg	U
East canyon	21-11246	MD21-01-0074	0–0.5	Sediment	Nitroso-di-n-propylamine[N-]	0.44	mg/kg	U
East canyon	21-11246	MD21-01-0074	0–0.5	Sediment	Nitrosodimethylamine[N-]	0.44	mg/kg	U
East canyon	21-11246	MD21-01-0074	0–0.5	Sediment	Nitrosodiphenylamine[N-]	0.44	mg/kg	U
East canyon	21-11246	MD21-01-0074	0–0.5	Sediment	Oxybis(1-chloropropane)[2,2'-]	0.44	mg/kg	U
East canyon	21-11246	MD21-01-0074	0–0.5	Sediment	Pentachlorophenol	2.1	mg/kg	U
East canyon	21-11246	MD21-01-0074	0–0.5	Sediment	Phenol	0.44	mg/kg	U
East canyon	21-11246	MD21-01-0074	0–0.5	Sediment	Trichlorobenzene[1,2,4-]	0.44	mg/kg	U
East canyon	21-11246	MD21-01-0074	0–0.5	Sediment	Trichlorophenol[2,4,5-]	0.44	mg/kg	U
East canyon	21-11246	MD21-01-0074	0–0.5	Sediment	Trichlorophenol[2,4,6-]	0.44	mg/kg	U
East canyon	21-11246	MD21-01-0074	0–0.5	Sediment	Trimethylbenzene[1,2,4-]	0.0059	mg/kg	U
East canyon	21-11246	MD21-01-0074	0–0.5	Sediment	Trimethylbenzene[1,3,5-]	0.0059	mg/kg	U
East canyon	21-11246	MD21-01-0074	0–0.5	Sediment	Americium-241	0.053	pCi/g	None
East canyon	21-11246	MD21-01-0074	0–0.5	Sediment	Cesium-137	0.31	pCi/g	None
East canyon	21-11246	MD21-01-0074	0–0.5	Sediment	Tritium	0.054	pCi/g	U
East canyon	21-11246	MD21-01-0074	0–0.5	Sediment	Plutonium-238	0.02	pCi/g	U
East canyon	21-11246	MD21-01-0074	0–0.5	Sediment	Plutonium-239	0.012	pCi/g	U
East canyon	21-11246	MD21-01-0074	0–0.5	Sediment	Uranium-234	0.67	pCi/g	None
East canyon	21-11246	MD21-01-0074	0–0.5	Sediment	Strontium-90	-0.88	pCi/g	U
East canyon	21-11246	MD21-01-0075	0–0.5	Sediment	Aluminum	2240	mg/kg	None
East canyon	21-11246	MD21-01-0075	0–0.5	Sediment	Antimony	0.35	mg/kg	U
East canyon	21-11246	MD21-01-0075	0–0.5	Sediment	Arsenic	0.89	mg/kg	J
East canyon	21-11246	MD21-01-0075	0–0.5	Sediment	Barium	19.9	mg/kg	J
East canyon	21-11246	MD21-01-0075	0–0.5	Sediment	Beryllium	0.28	mg/kg	J
East canyon	21-11246	MD21-01-0075	0–0.5	Sediment	Cadmium	0.037	mg/kg	U
East canyon	21-11246	MD21-01-0075	0–0.5	Sediment	Calcium	1380	mg/kg	J+
East canyon	21-11246	MD21-01-0075	0–0.5	Sediment	Chromium, total	26.7	mg/kg	J-
East canyon	21-11246	MD21-01-0075	0–0.5	Sediment	Cobalt	1	mg/kg	J
East canyon	21-11246	MD21-01-0075	0–0.5	Sediment	Copper	3.8	mg/kg	None
East canyon	21-11246	MD21-01-0075	0–0.5	Sediment	Iron	4080	mg/kg	None

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
East canyon	21-11246	MD21-01-0075	0–0.5	Sediment	Magnesium	379	mg/kg	J
East canyon	21-11246	MD21-01-0075	0–0.5	Sediment	Manganese	116	mg/kg	None
East canyon	21-11246	MD21-01-0075	0–0.5	Sediment	Mercury	0.024	mg/kg	J
East canyon	21-11246	MD21-01-0075	0–0.5	Sediment	Nickel	1.8	mg/kg	J
East canyon	21-11246	MD21-01-0075	0–0.5	Sediment	Potassium	400	mg/kg	J
East canyon	21-11246	MD21-01-0075	0–0.5	Sediment	Selenium	0.17	mg/kg	U
East canyon	21-11246	MD21-01-0075	0–0.5	Sediment	Silver	0.59	mg/kg	U
East canyon	21-11246	MD21-01-0075	0–0.5	Sediment	Sodium	43.1	mg/kg	J
East canyon	21-11246	MD21-01-0075	0–0.5	Sediment	Thallium	0.18	mg/kg	U
East canyon	21-11246	MD21-01-0075	0–0.5	Sediment	Vanadium	4.2	mg/kg	J
East canyon	21-11246	MD21-01-0075	0–0.5	Sediment	Zinc	50.5	mg/kg	None
East canyon	21-11246	MD21-01-0075	0–0.5	Sediment	Aroclor-1016	0.051	mg/kg	U
East canyon	21-11246	MD21-01-0075	0–0.5	Sediment	Aroclor-1221	0.051	mg/kg	U
East canyon	21-11246	MD21-01-0075	0–0.5	Sediment	Aroclor-1232	0.051	mg/kg	U
East canyon	21-11246	MD21-01-0075	0–0.5	Sediment	Aroclor-1242	0.051	mg/kg	U
East canyon	21-11246	MD21-01-0075	0–0.5	Sediment	Aroclor-1248	0.051	mg/kg	U
East canyon	21-11246	MD21-01-0075	0–0.5	Sediment	Aroclor-1254	0.051	mg/kg	U
East canyon	21-11246	MD21-01-0075	0–0.5	Sediment	Aroclor-1260	0.051	mg/kg	U
East canyon	21-11246	MD21-01-0075	0–0.5	Sediment	Acenaphthylene	0.51	mg/kg	U
East canyon	21-11246	MD21-01-0075	0–0.5	Sediment	Aniline	0.51	mg/kg	U
East canyon	21-11246	MD21-01-0075	0–0.5	Sediment	Azobenzene	0.51	mg/kg	U
East canyon	21-11246	MD21-01-0075	0–0.5	Sediment	Benzo(g,h,i)perylene	0.51	mg/kg	U
East canyon	21-11246	MD21-01-0075	0–0.5	Sediment	Benzoic acid	0.21	mg/kg	J
East canyon	21-11246	MD21-01-0075	0–0.5	Sediment	Benzyl alcohol	0.51	mg/kg	U
East canyon	21-11246	MD21-01-0075	0–0.5	Sediment	Bis(2-chloroethoxy)methane	0.51	mg/kg	U
East canyon	21-11246	MD21-01-0075	0–0.5	Sediment	Bis(2-chloroethyl)ether	0.51	mg/kg	U
East canyon	21-11246	MD21-01-0075	0–0.5	Sediment	Bis(2-ethylhexyl)phthalate	0.19	mg/kg	J
East canyon	21-11246	MD21-01-0075	0–0.5	Sediment	Bromophenyl-phenylether[4-]	0.51	mg/kg	U
East canyon	21-11246	MD21-01-0075	0–0.5	Sediment	Butylbenzylphthalate	0.51	mg/kg	U
East canyon	21-11246	MD21-01-0075	0–0.5	Sediment	Chloro-3-methylphenol[4-]	0.51	mg/kg	U
East canyon	21-11246	MD21-01-0075	0–0.5	Sediment	Chloroaniline[4-]	0.51	mg/kg	U
East canyon	21-11246	MD21-01-0075	0–0.5	Sediment	Chloronaphthalene[2-]	0.51	mg/kg	U
East canyon	21-11246	MD21-01-0075	0–0.5	Sediment	Chlorophenol[2-]	0.51	mg/kg	U
East canyon	21-11246	MD21-01-0075	0–0.5	Sediment	Chlorophenyl-phenyl[4-] ether	0.51	mg/kg	U
East canyon	21-11246	MD21-01-0075	0–0.5	Sediment	Di-n-butylphthalate	0.51	mg/kg	U
East canyon	21-11246	MD21-01-0075	0–0.5	Sediment	Di-n-octylphthalate	0.51	mg/kg	U
East canyon	21-11246	MD21-01-0075	0–0.5	Sediment	Dibenzofuran	0.51	mg/kg	U
East canyon	21-11246	MD21-01-0075	0–0.5	Sediment	Dichlorobenzene[1,2-]	0.51	mg/kg	U
East canyon	21-11246	MD21-01-0075	0–0.5	Sediment	Dichlorobenzene[1,3-]	0.51	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
East canyon	21-11246	MD21-01-0075	0–0.5	Sediment	Dichlorobenzene[1,4-]	0.51	mg/kg	U
East canyon	21-11246	MD21-01-0075	0–0.5	Sediment	Dichlorobenzidine[3,3'-]	2.5	mg/kg	U
East canyon	21-11246	MD21-01-0075	0–0.5	Sediment	Dichlorophenol[2,4-]	0.51	mg/kg	U
East canyon	21-11246	MD21-01-0075	0–0.5	Sediment	Diethylphthalate	0.51	mg/kg	U
East canyon	21-11246	MD21-01-0075	0–0.5	Sediment	Dimethyl phthalate	0.51	mg/kg	U
East canyon	21-11246	MD21-01-0075	0–0.5	Sediment	Dimethylphenol[2,4-]	0.51	mg/kg	U
East canyon	21-11246	MD21-01-0075	0–0.5	Sediment	Dinitro-2-methylphenol[4,6-]	2.5	mg/kg	U
East canyon	21-11246	MD21-01-0075	0–0.5	Sediment	Dinitrophenol[2,4-]	2.5	mg/kg	U
East canyon	21-11246	MD21-01-0075	0–0.5	Sediment	Dinitrotoluene[2,4-]	0.51	mg/kg	U
East canyon	21-11246	MD21-01-0075	0–0.5	Sediment	Dinitrotoluene[2,6-]	0.51	mg/kg	U
East canyon	21-11246	MD21-01-0075	0–0.5	Sediment	Hexachlorobenzene	0.51	mg/kg	U
East canyon	21-11246	MD21-01-0075	0–0.5	Sediment	Hexachlorobutadiene	0.51	mg/kg	U
East canyon	21-11246	MD21-01-0075	0–0.5	Sediment	Hexachlorocyclopentadiene	2.5	mg/kg	U
East canyon	21-11246	MD21-01-0075	0–0.5	Sediment	Hexachloroethane	0.51	mg/kg	U
East canyon	21-11246	MD21-01-0075	0–0.5	Sediment	Indeno(1,2,3-cd)pyrene	0.51	mg/kg	U
East canyon	21-11246	MD21-01-0075	0–0.5	Sediment	Isophorone	0.51	mg/kg	U
East canyon	21-11246	MD21-01-0075	0–0.5	Sediment	Methylphenol[2-]	0.51	mg/kg	U
East canyon	21-11246	MD21-01-0075	0–0.5	Sediment	Methylphenol[4-]	0.51	mg/kg	U
East canyon	21-11246	MD21-01-0075	0–0.5	Sediment	Nitroaniline[2-]	2.5	mg/kg	U
East canyon	21-11246	MD21-01-0075	0–0.5	Sediment	Nitroaniline[3-]	2.5	mg/kg	U
East canyon	21-11246	MD21-01-0075	0–0.5	Sediment	Nitroaniline[4-]	2.5	mg/kg	U
East canyon	21-11246	MD21-01-0075	0–0.5	Sediment	Nitrobenzene	0.51	mg/kg	U
East canyon	21-11246	MD21-01-0075	0–0.5	Sediment	Nitrophenol[2-]	0.51	mg/kg	U
East canyon	21-11246	MD21-01-0075	0–0.5	Sediment	Nitrophenol[4-]	2.5	mg/kg	U
East canyon	21-11246	MD21-01-0075	0–0.5	Sediment	Nitroso-di-n-propylamine[N-]	0.51	mg/kg	U
East canyon	21-11246	MD21-01-0075	0–0.5	Sediment	Nitrosodimethylamine[N-]	0.51	mg/kg	U
East canyon	21-11246	MD21-01-0075	0–0.5	Sediment	Nitrosodiphenylamine[N-]	0.51	mg/kg	U
East canyon	21-11246	MD21-01-0075	0–0.5	Sediment	Oxybis(1-chloropropane)[2,2'-]	0.51	mg/kg	U
East canyon	21-11246	MD21-01-0075	0–0.5	Sediment	Pentachlorophenol	2.5	mg/kg	U
East canyon	21-11246	MD21-01-0075	0–0.5	Sediment	Phenol	0.51	mg/kg	U
East canyon	21-11246	MD21-01-0075	0–0.5	Sediment	Trichlorobenzene[1,2,4-]	0.51	mg/kg	U
East canyon	21-11246	MD21-01-0075	0–0.5	Sediment	Trichlorophenol[2,4,5-]	0.51	mg/kg	U
East canyon	21-11246	MD21-01-0075	0–0.5	Sediment	Trichlorophenol[2,4,6-]	0.51	mg/kg	U
East canyon	21-11246	MD21-01-0075	0–0.5	Sediment	Trimethylbenzene[1,2,4-]	0.0067	mg/kg	U
East canyon	21-11246	MD21-01-0075	0–0.5	Sediment	Trimethylbenzene[1,3,5-]	0.0067	mg/kg	U
East canyon	21-11246	MD21-01-0075	0–0.5	Sediment	Americium-241	-0.000002	pCi/g	U
East canyon	21-11246	MD21-01-0075	0–0.5	Sediment	Cesium-137	0.32	pCi/g	None
East canyon	21-11246	MD21-01-0075	0–0.5	Sediment	Tritium	0.067	pCi/g	None
East canyon	21-11246	MD21-01-0075	0–0.5	Sediment	Plutonium-238	-0.003	pCi/g	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
East canyon	21-11246	MD21-01-0075	0–0.5	Sediment	Plutonium-239	0.003	pCi/g	U
East canyon	21-11246	MD21-01-0075	0–0.5	Sediment	Uranium-234	0.72	pCi/g	None
East canyon	21-11246	MD21-01-0075	0–0.5	Sediment	Strontium-90	-0.56	pCi/g	U
East canyon	21-11253	MD21-01-0154	5.5–6	Qbt 3	Aluminum	2240	mg/kg	None
East canyon	21-11253	MD21-01-0154	5.5–6	Qbt 3	Antimony	0.28	mg/kg	J
East canyon	21-11253	MD21-01-0154	5.5–6	Qbt 3	Arsenic	1.7	mg/kg	None
East canyon	21-11253	MD21-01-0154	5.5–6	Qbt 3	Barium	14.7	mg/kg	J
East canyon	21-11253	MD21-01-0154	5.5–6	Qbt 3	Beryllium	0.42	mg/kg	J
East canyon	21-11253	MD21-01-0154	5.5–6	Qbt 3	Cadmium	0.019	mg/kg	U
East canyon	21-11253	MD21-01-0154	5.5–6	Qbt 3	Calcium	547	mg/kg	J
East canyon	21-11253	MD21-01-0154	5.5–6	Qbt 3	Chromium, total	1.9	mg/kg	None
East canyon	21-11253	MD21-01-0154	5.5–6	Qbt 3	Cobalt	0.93	mg/kg	J
East canyon	21-11253	MD21-01-0154	5.5–6	Qbt 3	Copper	2.8	mg/kg	J
East canyon	21-11253	MD21-01-0154	5.5–6	Qbt 3	Iron	4400	mg/kg	None
East canyon	21-11253	MD21-01-0154	5.5–6	Qbt 3	Magnesium	366	mg/kg	J
East canyon	21-11253	MD21-01-0154	5.5–6	Qbt 3	Manganese	63.6	mg/kg	None
East canyon	21-11253	MD21-01-0154	5.5–6	Qbt 3	Mercury	0.024	mg/kg	J
East canyon	21-11253	MD21-01-0154	5.5–6	Qbt 3	Nickel	1.7	mg/kg	J
East canyon	21-11253	MD21-01-0154	5.5–6	Qbt 3	Potassium	298	mg/kg	U
East canyon	21-11253	MD21-01-0154	5.5–6	Qbt 3	Selenium	0.26	mg/kg	J
East canyon	21-11253	MD21-01-0154	5.5–6	Qbt 3	Silver	0.58	mg/kg	UJ
East canyon	21-11253	MD21-01-0154	5.5–6	Qbt 3	Sodium	88.6	mg/kg	J-
East canyon	21-11253	MD21-01-0154	5.5–6	Qbt 3	Thallium	0.19	mg/kg	U
East canyon	21-11253	MD21-01-0154	5.5–6	Qbt 3	Vanadium	5	mg/kg	J
East canyon	21-11253	MD21-01-0154	5.5–6	Qbt 3	Zinc	30.6	mg/kg	None
East canyon	21-11253	MD21-01-0154	5.5–6	Qbt 3	Acenaphthylene	0.41	mg/kg	U
East canyon	21-11253	MD21-01-0154	5.5–6	Qbt 3	Aniline	0.41	mg/kg	U
East canyon	21-11253	MD21-01-0154	5.5–6	Qbt 3	Azobenzene	0.41	mg/kg	U
East canyon	21-11253	MD21-01-0154	5.5–6	Qbt 3	Benzo(g,h,i)perylene	0.41	mg/kg	U
East canyon	21-11253	MD21-01-0154	5.5–6	Qbt 3	Benzoic acid	2	mg/kg	U
East canyon	21-11253	MD21-01-0154	5.5–6	Qbt 3	Benzyl alcohol	0.41	mg/kg	U
East canyon	21-11253	MD21-01-0154	5.5–6	Qbt 3	Bis(2-chloroethoxy)methane	0.41	mg/kg	U
East canyon	21-11253	MD21-01-0154	5.5–6	Qbt 3	Bis(2-chloroethyl)ether	0.41	mg/kg	U
East canyon	21-11253	MD21-01-0154	5.5–6	Qbt 3	Bis(2-ethylhexyl)phthalate	0.41	mg/kg	U
East canyon	21-11253	MD21-01-0154	5.5–6	Qbt 3	Bromophenyl-phenylether[4-]	0.41	mg/kg	U
East canyon	21-11253	MD21-01-0154	5.5–6	Qbt 3	Butylbenzylphthalate	0.41	mg/kg	U
East canyon	21-11253	MD21-01-0154	5.5–6	Qbt 3	Chloro-3-methylphenol[4-]	0.41	mg/kg	U
East canyon	21-11253	MD21-01-0154	5.5–6	Qbt 3	Chloroaniline[4-]	0.41	mg/kg	UJ
East canyon	21-11253	MD21-01-0154	5.5–6	Qbt 3	Chloronaphthalene[2-]	0.41	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
East canyon	21-11253	MD21-01-0154	5.5–6	Qbt 3	Chlorophenol[2-]	0.41	mg/kg	U
East canyon	21-11253	MD21-01-0154	5.5–6	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.41	mg/kg	U
East canyon	21-11253	MD21-01-0154	5.5–6	Qbt 3	Di-n-butylphthalate	0.41	mg/kg	U
East canyon	21-11253	MD21-01-0154	5.5–6	Qbt 3	Di-n-octylphthalate	0.41	mg/kg	U
East canyon	21-11253	MD21-01-0154	5.5–6	Qbt 3	Dibenzofuran	0.41	mg/kg	U
East canyon	21-11253	MD21-01-0154	5.5–6	Qbt 3	Dichlorobenzene[1,2-]	0.41	mg/kg	U
East canyon	21-11253	MD21-01-0154	5.5–6	Qbt 3	Dichlorobenzene[1,3-]	0.41	mg/kg	U
East canyon	21-11253	MD21-01-0154	5.5–6	Qbt 3	Dichlorobenzene[1,4-]	0.41	mg/kg	U
East canyon	21-11253	MD21-01-0154	5.5–6	Qbt 3	Dichlorobenzidine[3,3'-]	2	mg/kg	UJ
East canyon	21-11253	MD21-01-0154	5.5–6	Qbt 3	Dichlorophenol[2,4-]	0.41	mg/kg	U
East canyon	21-11253	MD21-01-0154	5.5–6	Qbt 3	Diethylphthalate	0.41	mg/kg	U
East canyon	21-11253	MD21-01-0154	5.5–6	Qbt 3	Dimethyl phthalate	0.41	mg/kg	U
East canyon	21-11253	MD21-01-0154	5.5–6	Qbt 3	Dimethylphenol[2,4-]	0.41	mg/kg	U
East canyon	21-11253	MD21-01-0154	5.5–6	Qbt 3	Dinitro-2-methylphenol[4,6-]	2	mg/kg	U
East canyon	21-11253	MD21-01-0154	5.5–6	Qbt 3	Dinitrophenol[2,4-]	2	mg/kg	U
East canyon	21-11253	MD21-01-0154	5.5–6	Qbt 3	Dinitrotoluene[2,4-]	0.41	mg/kg	U
East canyon	21-11253	MD21-01-0154	5.5–6	Qbt 3	Dinitrotoluene[2,6-]	0.41	mg/kg	U
East canyon	21-11253	MD21-01-0154	5.5–6	Qbt 3	Hexachlorobenzene	0.41	mg/kg	U
East canyon	21-11253	MD21-01-0154	5.5–6	Qbt 3	Hexachlorobutadiene	0.41	mg/kg	U
East canyon	21-11253	MD21-01-0154	5.5–6	Qbt 3	Hexachlorocyclopentadiene	2	mg/kg	U
East canyon	21-11253	MD21-01-0154	5.5–6	Qbt 3	Hexachloroethane	0.41	mg/kg	U
East canyon	21-11253	MD21-01-0154	5.5–6	Qbt 3	Indeno(1,2,3-cd)pyrene	0.41	mg/kg	U
East canyon	21-11253	MD21-01-0154	5.5–6	Qbt 3	Isophorone	0.41	mg/kg	U
East canyon	21-11253	MD21-01-0154	5.5–6	Qbt 3	Methylphenol[2-]	0.41	mg/kg	U
East canyon	21-11253	MD21-01-0154	5.5–6	Qbt 3	Methylphenol[4-]	0.41	mg/kg	U
East canyon	21-11253	MD21-01-0154	5.5–6	Qbt 3	Nitroaniline[2-]	2	mg/kg	U
East canyon	21-11253	MD21-01-0154	5.5–6	Qbt 3	Nitroaniline[3-]	2	mg/kg	UJ
East canyon	21-11253	MD21-01-0154	5.5–6	Qbt 3	Nitroaniline[4-]	2	mg/kg	U
East canyon	21-11253	MD21-01-0154	5.5–6	Qbt 3	Nitrobenzene	0.41	mg/kg	U
East canyon	21-11253	MD21-01-0154	5.5–6	Qbt 3	Nitrophenol[2-]	0.41	mg/kg	U
East canyon	21-11253	MD21-01-0154	5.5–6	Qbt 3	Nitrophenol[4-]	2	mg/kg	U
East canyon	21-11253	MD21-01-0154	5.5–6	Qbt 3	Nitroso-di-n-propylamine[N-]	0.41	mg/kg	U
East canyon	21-11253	MD21-01-0154	5.5–6	Qbt 3	Nitrosodimethylamine[N-]	0.41	mg/kg	U
East canyon	21-11253	MD21-01-0154	5.5–6	Qbt 3	Nitrosodiphenylamine[N-]	0.41	mg/kg	U
East canyon	21-11253	MD21-01-0154	5.5–6	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.41	mg/kg	U
East canyon	21-11253	MD21-01-0154	5.5–6	Qbt 3	Pentachlorophenol	2	mg/kg	U
East canyon	21-11253	MD21-01-0154	5.5–6	Qbt 3	Phenol	0.41	mg/kg	U
East canyon	21-11253	MD21-01-0154	5.5–6	Qbt 3	Trichlorobenzene[1,2,4-]	0.41	mg/kg	U
East canyon	21-11253	MD21-01-0154	5.5–6	Qbt 3	Trichlorophenol[2,4,5-]	0.41	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
East canyon	21-11253	MD21-01-0154	5.5–6	Qbt 3	Trichlorophenol[2,4,6-]	0.41	mg/kg	U
East canyon	21-11253	MD21-01-0154	5.5–6	Qbt 3	Chlorobenzene	0.0061	mg/kg	U
East canyon	21-11253	MD21-01-0154	5.5–6	Qbt 3	Dichlorobenzene[1,4-]	0.0061	mg/kg	U
East canyon	21-11253	MD21-01-0154	5.5–6	Qbt 3	Dichloroethene[1,1-]	0.0061	mg/kg	U
East canyon	21-11253	MD21-01-0154	5.5–6	Qbt 3	Trichloroethene	0.0061	mg/kg	U
East canyon	21-11253	MD21-01-0154	5.5–6	Qbt 3	Trimethylbenzene[1,2,4-]	0.0061	mg/kg	U
East canyon	21-11253	MD21-01-0154	5.5–6	Qbt 3	Trimethylbenzene[1,3,5-]	0.0061	mg/kg	U
East canyon	21-11253	MD21-01-0155	8–8.5	Qbt 3	Aluminum	2440	mg/kg	None
East canyon	21-11253	MD21-01-0155	8–8.5	Qbt 3	Antimony	0.25	mg/kg	U
East canyon	21-11253	MD21-01-0155	8–8.5	Qbt 3	Arsenic	1.5	mg/kg	None
East canyon	21-11253	MD21-01-0155	8–8.5	Qbt 3	Barium	15.9	mg/kg	J
East canyon	21-11253	MD21-01-0155	8–8.5	Qbt 3	Beryllium	0.61	mg/kg	None
East canyon	21-11253	MD21-01-0155	8–8.5	Qbt 3	Cadmium	0.017	mg/kg	U
East canyon	21-11253	MD21-01-0155	8–8.5	Qbt 3	Calcium	390	mg/kg	J
East canyon	21-11253	MD21-01-0155	8–8.5	Qbt 3	Chromium, total	1.4	mg/kg	None
East canyon	21-11253	MD21-01-0155	8–8.5	Qbt 3	Cobalt	0.7	mg/kg	J
East canyon	21-11253	MD21-01-0155	8–8.5	Qbt 3	Copper	2.7	mg/kg	J
East canyon	21-11253	MD21-01-0155	8–8.5	Qbt 3	Iron	4420	mg/kg	None
East canyon	21-11253	MD21-01-0155	8–8.5	Qbt 3	Magnesium	337	mg/kg	J
East canyon	21-11253	MD21-01-0155	8–8.5	Qbt 3	Manganese	190	mg/kg	None
East canyon	21-11253	MD21-01-0155	8–8.5	Qbt 3	Mercury	0.019	mg/kg	U
East canyon	21-11253	MD21-01-0155	8–8.5	Qbt 3	Nickel	1.8	mg/kg	J
East canyon	21-11253	MD21-01-0155	8–8.5	Qbt 3	Potassium	265	mg/kg	U
East canyon	21-11253	MD21-01-0155	8–8.5	Qbt 3	Selenium	0.14	mg/kg	U
East canyon	21-11253	MD21-01-0155	8–8.5	Qbt 3	Silver	0.51	mg/kg	UJ
East canyon	21-11253	MD21-01-0155	8–8.5	Qbt 3	Sodium	82.9	mg/kg	J-
East canyon	21-11253	MD21-01-0155	8–8.5	Qbt 3	Thallium	0.17	mg/kg	U
East canyon	21-11253	MD21-01-0155	8–8.5	Qbt 3	Vanadium	3	mg/kg	J
East canyon	21-11253	MD21-01-0155	8–8.5	Qbt 3	Zinc	27.6	mg/kg	None
East canyon	21-11253	MD21-01-0155	8–8.5	Qbt 3	Acenaphthylene	0.38	mg/kg	U
East canyon	21-11253	MD21-01-0155	8–8.5	Qbt 3	Aniline	0.38	mg/kg	U
East canyon	21-11253	MD21-01-0155	8–8.5	Qbt 3	Azobenzene	0.38	mg/kg	U
East canyon	21-11253	MD21-01-0155	8–8.5	Qbt 3	Benzo(g,h,i)perylene	0.38	mg/kg	U
East canyon	21-11253	MD21-01-0155	8–8.5	Qbt 3	Benzoic acid	1.8	mg/kg	U
East canyon	21-11253	MD21-01-0155	8–8.5	Qbt 3	Benzyl alcohol	0.38	mg/kg	U
East canyon	21-11253	MD21-01-0155	8–8.5	Qbt 3	Bis(2-chloroethoxy)methane	0.38	mg/kg	U
East canyon	21-11253	MD21-01-0155	8–8.5	Qbt 3	Bis(2-chloroethyl)ether	0.38	mg/kg	U
East canyon	21-11253	MD21-01-0155	8–8.5	Qbt 3	Bis(2-ethylhexyl)phthalate	0.38	mg/kg	U
East canyon	21-11253	MD21-01-0155	8–8.5	Qbt 3	Bromophenyl-phenylether[4-]	0.38	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
East canyon	21-11253	MD21-01-0155	8–8.5	Qbt 3	Butylbenzylphthalate	0.38	mg/kg	U
East canyon	21-11253	MD21-01-0155	8–8.5	Qbt 3	Chloro-3-methylphenol[4-]	0.38	mg/kg	U
East canyon	21-11253	MD21-01-0155	8–8.5	Qbt 3	Chloroaniline[4-]	0.38	mg/kg	UJ
East canyon	21-11253	MD21-01-0155	8–8.5	Qbt 3	Chloronaphthalene[2-]	0.38	mg/kg	U
East canyon	21-11253	MD21-01-0155	8–8.5	Qbt 3	Chlorophenol[2-]	0.38	mg/kg	U
East canyon	21-11253	MD21-01-0155	8–8.5	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.38	mg/kg	U
East canyon	21-11253	MD21-01-0155	8–8.5	Qbt 3	Di-n-butylphthalate	0.38	mg/kg	U
East canyon	21-11253	MD21-01-0155	8–8.5	Qbt 3	Di-n-octylphthalate	0.38	mg/kg	U
East canyon	21-11253	MD21-01-0155	8–8.5	Qbt 3	Dibenzofuran	0.38	mg/kg	U
East canyon	21-11253	MD21-01-0155	8–8.5	Qbt 3	Dichlorobenzene[1,2-]	0.38	mg/kg	U
East canyon	21-11253	MD21-01-0155	8–8.5	Qbt 3	Dichlorobenzene[1,3-]	0.38	mg/kg	U
East canyon	21-11253	MD21-01-0155	8–8.5	Qbt 3	Dichlorobenzene[1,4-]	0.38	mg/kg	U
East canyon	21-11253	MD21-01-0155	8–8.5	Qbt 3	Dichlorobenzidine[3,3'-]	1.8	mg/kg	UJ
East canyon	21-11253	MD21-01-0155	8–8.5	Qbt 3	Dichlorophenol[2,4-]	0.38	mg/kg	U
East canyon	21-11253	MD21-01-0155	8–8.5	Qbt 3	Diethylphthalate	0.38	mg/kg	U
East canyon	21-11253	MD21-01-0155	8–8.5	Qbt 3	Dimethyl phthalate	0.38	mg/kg	U
East canyon	21-11253	MD21-01-0155	8–8.5	Qbt 3	Dimethylphenol[2,4-]	0.38	mg/kg	U
East canyon	21-11253	MD21-01-0155	8–8.5	Qbt 3	Dinitro-2-methylphenol[4,6-]	1.8	mg/kg	U
East canyon	21-11253	MD21-01-0155	8–8.5	Qbt 3	Dinitrophenol[2,4-]	1.8	mg/kg	U
East canyon	21-11253	MD21-01-0155	8–8.5	Qbt 3	Dinitrotoluene[2,4-]	0.38	mg/kg	U
East canyon	21-11253	MD21-01-0155	8–8.5	Qbt 3	Dinitrotoluene[2,6-]	0.38	mg/kg	U
East canyon	21-11253	MD21-01-0155	8–8.5	Qbt 3	Hexachlorobenzene	0.38	mg/kg	U
East canyon	21-11253	MD21-01-0155	8–8.5	Qbt 3	Hexachlorobutadiene	0.38	mg/kg	U
East canyon	21-11253	MD21-01-0155	8–8.5	Qbt 3	Hexachlorocyclopentadiene	1.8	mg/kg	U
East canyon	21-11253	MD21-01-0155	8–8.5	Qbt 3	Hexachloroethane	0.38	mg/kg	U
East canyon	21-11253	MD21-01-0155	8–8.5	Qbt 3	Indeno(1,2,3-cd)pyrene	0.38	mg/kg	U
East canyon	21-11253	MD21-01-0155	8–8.5	Qbt 3	Isophorone	0.38	mg/kg	U
East canyon	21-11253	MD21-01-0155	8–8.5	Qbt 3	Methylphenol[2-]	0.38	mg/kg	U
East canyon	21-11253	MD21-01-0155	8–8.5	Qbt 3	Methylphenol[4-]	0.38	mg/kg	U
East canyon	21-11253	MD21-01-0155	8–8.5	Qbt 3	Nitroaniline[2-]	1.8	mg/kg	U
East canyon	21-11253	MD21-01-0155	8–8.5	Qbt 3	Nitroaniline[3-]	1.8	mg/kg	UJ
East canyon	21-11253	MD21-01-0155	8–8.5	Qbt 3	Nitroaniline[4-]	1.8	mg/kg	U
East canyon	21-11253	MD21-01-0155	8–8.5	Qbt 3	Nitrobenzene	0.38	mg/kg	U
East canyon	21-11253	MD21-01-0155	8–8.5	Qbt 3	Nitrophenol[2-]	0.38	mg/kg	U
East canyon	21-11253	MD21-01-0155	8–8.5	Qbt 3	Nitrophenol[4-]	1.8	mg/kg	U
East canyon	21-11253	MD21-01-0155	8–8.5	Qbt 3	Nitroso-di-n-propylamine[N-]	0.38	mg/kg	U
East canyon	21-11253	MD21-01-0155	8–8.5	Qbt 3	Nitrosodimethylamine[N-]	0.38	mg/kg	U
East canyon	21-11253	MD21-01-0155	8–8.5	Qbt 3	Nitrosodiphenylamine[N-]	0.38	mg/kg	U
East canyon	21-11253	MD21-01-0155	8–8.5	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.38	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
East canyon	21-11253	MD21-01-0155	8–8.5	Qbt 3	Pentachlorophenol	1.8	mg/kg	U
East canyon	21-11253	MD21-01-0155	8–8.5	Qbt 3	Phenol	0.38	mg/kg	U
East canyon	21-11253	MD21-01-0155	8–8.5	Qbt 3	Trichlorobenzene[1,2,4-]	0.38	mg/kg	U
East canyon	21-11253	MD21-01-0155	8–8.5	Qbt 3	Trichlorophenol[2,4,5-]	0.38	mg/kg	U
East canyon	21-11253	MD21-01-0155	8–8.5	Qbt 3	Trichlorophenol[2,4,6-]	0.38	mg/kg	U
East canyon	21-11253	MD21-01-0155	8–8.5	Qbt 3	Trimethylbenzene[1,2,4-]	0.0049	mg/kg	U
East canyon	21-11253	MD21-01-0155	8–8.5	Qbt 3	Trimethylbenzene[1,3,5-]	0.0049	mg/kg	U
East canyon	21-11254	MD21-01-0156	1.5–2	Sediment	Aluminum	2770	mg/kg	None
East canyon	21-11254	MD21-01-0156	1.5–2	Sediment	Antimony	0.26	mg/kg	U
East canyon	21-11254	MD21-01-0156	1.5–2	Sediment	Arsenic	2.4	mg/kg	None
East canyon	21-11254	MD21-01-0156	1.5–2	Sediment	Barium	0.26	mg/kg	None
East canyon	21-11254	MD21-01-0156	1.5–2	Sediment	Beryllium	0.48	mg/kg	J
East canyon	21-11254	MD21-01-0156	1.5–2	Sediment	Cadmium	0.018	mg/kg	U
East canyon	21-11254	MD21-01-0156	1.5–2	Sediment	Calcium	1040	mg/kg	None
East canyon	21-11254	MD21-01-0156	1.5–2	Sediment	Chromium, total	3.9	mg/kg	None
East canyon	21-11254	MD21-01-0156	1.5–2	Sediment	Cobalt	2.2	mg/kg	J
East canyon	21-11254	MD21-01-0156	1.5–2	Sediment	Copper	4.1	mg/kg	None
East canyon	21-11254	MD21-01-0156	1.5–2	Sediment	Iron	3870	mg/kg	None
East canyon	21-11254	MD21-01-0156	1.5–2	Sediment	Magnesium	574	mg/kg	J
East canyon	21-11254	MD21-01-0156	1.5–2	Sediment	Manganese	126	mg/kg	None
East canyon	21-11254	MD21-01-0156	1.5–2	Sediment	Mercury	0.035	mg/kg	J
East canyon	21-11254	MD21-01-0156	1.5–2	Sediment	Nickel	2.7	mg/kg	J
East canyon	21-11254	MD21-01-0156	1.5–2	Sediment	Potassium	329	mg/kg	J
East canyon	21-11254	MD21-01-0156	1.5–2	Sediment	Selenium	0.34	mg/kg	J
East canyon	21-11254	MD21-01-0156	1.5–2	Sediment	Silver	2	mg/kg	J+
East canyon	21-11254	MD21-01-0156	1.5–2	Sediment	Sodium	103	mg/kg	J-
East canyon	21-11254	MD21-01-0156	1.5–2	Sediment	Thallium	0.18	mg/kg	U
East canyon	21-11254	MD21-01-0156	1.5–2	Sediment	Vanadium	10.6	mg/kg	None
East canyon	21-11254	MD21-01-0156	1.5–2	Sediment	Zinc	32.6	mg/kg	None
East canyon	21-11254	MD21-01-0156	1.5–2	Sediment	Acenaphthylene	0.39	mg/kg	U
East canyon	21-11254	MD21-01-0156	1.5–2	Sediment	Aniline	0.39	mg/kg	U
East canyon	21-11254	MD21-01-0156	1.5–2	Sediment	Azobenzene	0.39	mg/kg	U
East canyon	21-11254	MD21-01-0156	1.5–2	Sediment	Benzo(g,h,i)perylene	0.39	mg/kg	U
East canyon	21-11254	MD21-01-0156	1.5–2	Sediment	Benzoic acid	1.9	mg/kg	U
East canyon	21-11254	MD21-01-0156	1.5–2	Sediment	Benzyl alcohol	0.39	mg/kg	U
East canyon	21-11254	MD21-01-0156	1.5–2	Sediment	Bis(2-chloroethoxy)methane	0.39	mg/kg	U
East canyon	21-11254	MD21-01-0156	1.5–2	Sediment	Bis(2-chloroethyl)ether	0.39	mg/kg	U
East canyon	21-11254	MD21-01-0156	1.5–2	Sediment	Bis(2-ethylhexyl)phthalate	0.39	mg/kg	U
East canyon	21-11254	MD21-01-0156	1.5–2	Sediment	Bromophenyl-phenylether[4-]	0.39	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
East canyon	21-11254	MD21-01-0156	1.5–2	Sediment	Butylbenzylphthalate	0.39	mg/kg	U
East canyon	21-11254	MD21-01-0156	1.5–2	Sediment	Chloro-3-methylphenol[4-]	0.39	mg/kg	U
East canyon	21-11254	MD21-01-0156	1.5–2	Sediment	Chloroaniline[4-]	0.39	mg/kg	UJ
East canyon	21-11254	MD21-01-0156	1.5–2	Sediment	Chloronaphthalene[2-]	0.39	mg/kg	U
East canyon	21-11254	MD21-01-0156	1.5–2	Sediment	Chlorophenol[2-]	0.39	mg/kg	U
East canyon	21-11254	MD21-01-0156	1.5–2	Sediment	Chlorophenyl-phenyl[4-] ether	0.39	mg/kg	U
East canyon	21-11254	MD21-01-0156	1.5–2	Sediment	Di-n-butylphthalate	0.39	mg/kg	U
East canyon	21-11254	MD21-01-0156	1.5–2	Sediment	Di-n-octylphthalate	0.39	mg/kg	U
East canyon	21-11254	MD21-01-0156	1.5–2	Sediment	Dibenzofuran	0.39	mg/kg	U
East canyon	21-11254	MD21-01-0156	1.5–2	Sediment	Dichlorobenzene[1,2-]	0.39	mg/kg	U
East canyon	21-11254	MD21-01-0156	1.5–2	Sediment	Dichlorobenzene[1,3-]	0.39	mg/kg	U
East canyon	21-11254	MD21-01-0156	1.5–2	Sediment	Dichlorobenzene[1,4-]	0.39	mg/kg	U
East canyon	21-11254	MD21-01-0156	1.5–2	Sediment	Dichlorobenzidine[3,3'-]	1.9	mg/kg	UJ
East canyon	21-11254	MD21-01-0156	1.5–2	Sediment	Dichlorophenol[2,4-]	0.39	mg/kg	U
East canyon	21-11254	MD21-01-0156	1.5–2	Sediment	Diethylphthalate	0.39	mg/kg	U
East canyon	21-11254	MD21-01-0156	1.5–2	Sediment	Dimethyl phthalate	0.39	mg/kg	U
East canyon	21-11254	MD21-01-0156	1.5–2	Sediment	Dimethylphenol[2,4-]	0.39	mg/kg	U
East canyon	21-11254	MD21-01-0156	1.5–2	Sediment	Dinitro-2-methylphenol[4,6-]	1.9	mg/kg	U
East canyon	21-11254	MD21-01-0156	1.5–2	Sediment	Dinitrophenol[2,4-]	1.9	mg/kg	U
East canyon	21-11254	MD21-01-0156	1.5–2	Sediment	Dinitrotoluene[2,4-]	0.39	mg/kg	U
East canyon	21-11254	MD21-01-0156	1.5–2	Sediment	Dinitrotoluene[2,6-]	0.39	mg/kg	U
East canyon	21-11254	MD21-01-0156	1.5–2	Sediment	Hexachlorobenzene	0.39	mg/kg	U
East canyon	21-11254	MD21-01-0156	1.5–2	Sediment	Hexachlorobutadiene	0.39	mg/kg	U
East canyon	21-11254	MD21-01-0156	1.5–2	Sediment	Hexachlorocyclopentadiene	1.9	mg/kg	U
East canyon	21-11254	MD21-01-0156	1.5–2	Sediment	Hexachloroethane	0.39	mg/kg	U
East canyon	21-11254	MD21-01-0156	1.5–2	Sediment	Indeno(1,2,3-cd)pyrene	0.39	mg/kg	U
East canyon	21-11254	MD21-01-0156	1.5–2	Sediment	Isophorone	0.39	mg/kg	U
East canyon	21-11254	MD21-01-0156	1.5–2	Sediment	Methylphenol[2-]	0.39	mg/kg	U
East canyon	21-11254	MD21-01-0156	1.5–2	Sediment	Methylphenol[4-]	0.39	mg/kg	U
East canyon	21-11254	MD21-01-0156	1.5–2	Sediment	Nitroaniline[2-]	1.9	mg/kg	U
East canyon	21-11254	MD21-01-0156	1.5–2	Sediment	Nitroaniline[3-]	1.9	mg/kg	UJ
East canyon	21-11254	MD21-01-0156	1.5–2	Sediment	Nitroaniline[4-]	1.9	mg/kg	U
East canyon	21-11254	MD21-01-0156	1.5–2	Sediment	Nitrobenzene	0.39	mg/kg	U
East canyon	21-11254	MD21-01-0156	1.5–2	Sediment	Nitrophenol[2-]	0.39	mg/kg	U
East canyon	21-11254	MD21-01-0156	1.5–2	Sediment	Nitrophenol[4-]	1.9	mg/kg	U
East canyon	21-11254	MD21-01-0156	1.5–2	Sediment	Nitroso-di-n-propylamine[N-]	0.39	mg/kg	U
East canyon	21-11254	MD21-01-0156	1.5–2	Sediment	Nitrosodimethylamine[N-]	0.39	mg/kg	U
East canyon	21-11254	MD21-01-0156	1.5–2	Sediment	Nitrosodiphenylamine[N-]	0.39	mg/kg	U
East canyon	21-11254	MD21-01-0156	1.5–2	Sediment	Oxybis(1-chloropropane)[2,2'-]	0.39	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
East canyon	21-11254	MD21-01-0156	1.5–2	Sediment	Pentachlorophenol	1.9	mg/kg	U
East canyon	21-11254	MD21-01-0156	1.5–2	Sediment	Phenol	0.39	mg/kg	U
East canyon	21-11254	MD21-01-0156	1.5–2	Sediment	Trichlorobenzene[1,2,4-]	0.39	mg/kg	U
East canyon	21-11254	MD21-01-0156	1.5–2	Sediment	Trichlorophenol[2,4,5-]	0.39	mg/kg	U
East canyon	21-11254	MD21-01-0156	1.5–2	Sediment	Trichlorophenol[2,4,6-]	0.39	mg/kg	U
East canyon	21-11254	MD21-01-0156	1.5–2	Sediment	Trimethylbenzene[1,2,4-]	0.0054	mg/kg	U
East canyon	21-11254	MD21-01-0156	1.5–2	Sediment	Trimethylbenzene[1,3,5-]	0.0054	mg/kg	U
East canyon	21-11254	MD21-01-0157	2.8–3.5	Qbt 3	Aluminum	2900	mg/kg	None
East canyon	21-11254	MD21-01-0157	2.8–3.5	Qbt 3	Antimony	0.29	mg/kg	U
East canyon	21-11254	MD21-01-0157	2.8–3.5	Qbt 3	Arsenic	2.2	mg/kg	None
East canyon	21-11254	MD21-01-0157	2.8–3.5	Qbt 3	Barium	31.6	mg/kg	None
East canyon	21-11254	MD21-01-0157	2.8–3.5	Qbt 3	Beryllium	0.55	mg/kg	J
East canyon	21-11254	MD21-01-0157	2.8–3.5	Qbt 3	Cadmium	0.12	mg/kg	U
East canyon	21-11254	MD21-01-0157	2.8–3.5	Qbt 3	Calcium	809	mg/kg	None
East canyon	21-11254	MD21-01-0157	2.8–3.5	Qbt 3	Chromium, total	3.2	mg/kg	None
East canyon	21-11254	MD21-01-0157	2.8–3.5	Qbt 3	Cobalt	2.8	mg/kg	J
East canyon	21-11254	MD21-01-0157	2.8–3.5	Qbt 3	Copper	4.2	mg/kg	None
East canyon	21-11254	MD21-01-0157	2.8–3.5	Qbt 3	Iron	3120	mg/kg	None
East canyon	21-11254	MD21-01-0157	2.8–3.5	Qbt 3	Magnesium	502	mg/kg	J
East canyon	21-11254	MD21-01-0157	2.8–3.5	Qbt 3	Manganese	199	mg/kg	None
East canyon	21-11254	MD21-01-0157	2.8–3.5	Qbt 3	Mercury	0.03	mg/kg	J
East canyon	21-11254	MD21-01-0157	2.8–3.5	Qbt 3	Nickel	4.1	mg/kg	J
East canyon	21-11254	MD21-01-0157	2.8–3.5	Qbt 3	Potassium	338	mg/kg	J
East canyon	21-11254	MD21-01-0157	2.8–3.5	Qbt 3	Selenium	0.21	mg/kg	J
East canyon	21-11254	MD21-01-0157	2.8–3.5	Qbt 3	Silver	2.3	mg/kg	J+
East canyon	21-11254	MD21-01-0157	2.8–3.5	Qbt 3	Sodium	119	mg/kg	J-
East canyon	21-11254	MD21-01-0157	2.8–3.5	Qbt 3	Thallium	0.2	mg/kg	U
East canyon	21-11254	MD21-01-0157	2.8–3.5	Qbt 3	Vanadium	8.8	mg/kg	None
East canyon	21-11254	MD21-01-0157	2.8–3.5	Qbt 3	Zinc	34.3	mg/kg	None
East canyon	21-11254	MD21-01-0157	2.8–3.5	Qbt 3	Acenaphthylene	0.43	mg/kg	U
East canyon	21-11254	MD21-01-0157	2.8–3.5	Qbt 3	Aniline	0.43	mg/kg	U
East canyon	21-11254	MD21-01-0157	2.8–3.5	Qbt 3	Azobenzene	0.43	mg/kg	U
East canyon	21-11254	MD21-01-0157	2.8–3.5	Qbt 3	Benzo(g,h,i)perylene	0.43	mg/kg	U
East canyon	21-11254	MD21-01-0157	2.8–3.5	Qbt 3	Benzoic acid	2.1	mg/kg	U
East canyon	21-11254	MD21-01-0157	2.8–3.5	Qbt 3	Benzyl alcohol	0.43	mg/kg	U
East canyon	21-11254	MD21-01-0157	2.8–3.5	Qbt 3	Bis(2-chloroethoxy)methane	0.43	mg/kg	U
East canyon	21-11254	MD21-01-0157	2.8–3.5	Qbt 3	Bis(2-chloroethyl)ether	0.43	mg/kg	U
East canyon	21-11254	MD21-01-0157	2.8–3.5	Qbt 3	Bis(2-ethylhexyl)phthalate	0.43	mg/kg	U
East canyon	21-11254	MD21-01-0157	2.8–3.5	Qbt 3	Bromophenyl-phenylether[4-]	0.43	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
East canyon	21-11254	MD21-01-0157	2.8–3.5	Qbt 3	Butylbenzylphthalate	0.43	mg/kg	U
East canyon	21-11254	MD21-01-0157	2.8–3.5	Qbt 3	Chloro-3-methylphenol[4-]	0.43	mg/kg	U
East canyon	21-11254	MD21-01-0157	2.8–3.5	Qbt 3	Chloroaniline[4-]	0.43	mg/kg	UJ
East canyon	21-11254	MD21-01-0157	2.8–3.5	Qbt 3	Chloronaphthalene[2-]	0.43	mg/kg	U
East canyon	21-11254	MD21-01-0157	2.8–3.5	Qbt 3	Chlorophenol[2-]	0.43	mg/kg	U
East canyon	21-11254	MD21-01-0157	2.8–3.5	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.43	mg/kg	U
East canyon	21-11254	MD21-01-0157	2.8–3.5	Qbt 3	Di-n-butylphthalate	0.43	mg/kg	U
East canyon	21-11254	MD21-01-0157	2.8–3.5	Qbt 3	Di-n-octylphthalate	0.43	mg/kg	U
East canyon	21-11254	MD21-01-0157	2.8–3.5	Qbt 3	Dibenzofuran	0.43	mg/kg	U
East canyon	21-11254	MD21-01-0157	2.8–3.5	Qbt 3	Dichlorobenzene[1,2-]	0.43	mg/kg	U
East canyon	21-11254	MD21-01-0157	2.8–3.5	Qbt 3	Dichlorobenzene[1,3-]	0.43	mg/kg	U
East canyon	21-11254	MD21-01-0157	2.8–3.5	Qbt 3	Dichlorobenzene[1,4-]	0.43	mg/kg	U
East canyon	21-11254	MD21-01-0157	2.8–3.5	Qbt 3	Dichlorobenzidine[3,3'-]	2.1	mg/kg	UJ
East canyon	21-11254	MD21-01-0157	2.8–3.5	Qbt 3	Dichlorophenol[2,4-]	0.43	mg/kg	U
East canyon	21-11254	MD21-01-0157	2.8–3.5	Qbt 3	Diethylphthalate	0.43	mg/kg	U
East canyon	21-11254	MD21-01-0157	2.8–3.5	Qbt 3	Dimethyl phthalate	0.43	mg/kg	U
East canyon	21-11254	MD21-01-0157	2.8–3.5	Qbt 3	Dimethylphenol[2,4-]	0.43	mg/kg	U
East canyon	21-11254	MD21-01-0157	2.8–3.5	Qbt 3	Dinitro-2-methylphenol[4,6-]	2.1	mg/kg	U
East canyon	21-11254	MD21-01-0157	2.8–3.5	Qbt 3	Dinitrophenol[2,4-]	2.1	mg/kg	U
East canyon	21-11254	MD21-01-0157	2.8–3.5	Qbt 3	Dinitrotoluene[2,4-]	0.43	mg/kg	U
East canyon	21-11254	MD21-01-0157	2.8–3.5	Qbt 3	Dinitrotoluene[2,6-]	0.43	mg/kg	U
East canyon	21-11254	MD21-01-0157	2.8–3.5	Qbt 3	Hexachlorobenzene	0.43	mg/kg	U
East canyon	21-11254	MD21-01-0157	2.8–3.5	Qbt 3	Hexachlorobutadiene	0.43	mg/kg	U
East canyon	21-11254	MD21-01-0157	2.8–3.5	Qbt 3	Hexachlorocyclopentadiene	2.1	mg/kg	U
East canyon	21-11254	MD21-01-0157	2.8–3.5	Qbt 3	Hexachloroethane	0.43	mg/kg	U
East canyon	21-11254	MD21-01-0157	2.8–3.5	Qbt 3	Indeno(1,2,3-cd)pyrene	0.43	mg/kg	U
East canyon	21-11254	MD21-01-0157	2.8–3.5	Qbt 3	Isophorone	0.43	mg/kg	U
East canyon	21-11254	MD21-01-0157	2.8–3.5	Qbt 3	Methylphenol[2-]	0.43	mg/kg	U
East canyon	21-11254	MD21-01-0157	2.8–3.5	Qbt 3	Methylphenol[4-]	0.43	mg/kg	U
East canyon	21-11254	MD21-01-0157	2.8–3.5	Qbt 3	Nitroaniline[2-]	2.1	mg/kg	U
East canyon	21-11254	MD21-01-0157	2.8–3.5	Qbt 3	Nitroaniline[3-]	2.1	mg/kg	UJ
East canyon	21-11254	MD21-01-0157	2.8–3.5	Qbt 3	Nitroaniline[4-]	2.1	mg/kg	U
East canyon	21-11254	MD21-01-0157	2.8–3.5	Qbt 3	Nitrobenzene	0.43	mg/kg	U
East canyon	21-11254	MD21-01-0157	2.8–3.5	Qbt 3	Nitrophenol[2-]	0.43	mg/kg	U
East canyon	21-11254	MD21-01-0157	2.8–3.5	Qbt 3	Nitrophenol[4-]	2.1	mg/kg	U
East canyon	21-11254	MD21-01-0157	2.8–3.5	Qbt 3	Nitroso-di-n-propylamine[N-]	0.43	mg/kg	U
East canyon	21-11254	MD21-01-0157	2.8–3.5	Qbt 3	Nitrosodimethylamine[N-]	0.43	mg/kg	U
East canyon	21-11254	MD21-01-0157	2.8–3.5	Qbt 3	Nitrosodiphenylamine[N-]	0.43	mg/kg	U
East canyon	21-11254	MD21-01-0157	2.8–3.5	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.43	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
East canyon	21-11254	MD21-01-0157	2.8–3.5	Qbt 3	Pentachlorophenol	2.1	mg/kg	U
East canyon	21-11254	MD21-01-0157	2.8–3.5	Qbt 3	Phenol	0.43	mg/kg	U
East canyon	21-11254	MD21-01-0157	2.8–3.5	Qbt 3	Trichlorobenzene[1,2,4-]	0.43	mg/kg	U
East canyon	21-11254	MD21-01-0157	2.8–3.5	Qbt 3	Trichlorophenol[2,4,5-]	0.43	mg/kg	U
East canyon	21-11254	MD21-01-0157	2.8–3.5	Qbt 3	Trichlorophenol[2,4,6-]	0.43	mg/kg	U
East canyon	21-11254	MD21-01-0157	2.8–3.5	Qbt 3	Trimethylbenzene[1,2,4-]	0.006	mg/kg	U
East canyon	21-11254	MD21-01-0157	2.8–3.5	Qbt 3	Trimethylbenzene[1,3,5-]	0.006	mg/kg	U
East canyon	21-11254	MD21-01-0158	4.5–5	Qbt 3	Aluminum	2910	mg/kg	None
East canyon	21-11254	MD21-01-0158	4.5–5	Qbt 3	Antimony	0.29	mg/kg	U
East canyon	21-11254	MD21-01-0158	4.5–5	Qbt 3	Arsenic	1.9	mg/kg	None
East canyon	21-11254	MD21-01-0158	4.5–5	Qbt 3	Barium	23.1	mg/kg	J
East canyon	21-11254	MD21-01-0158	4.5–5	Qbt 3	Beryllium	0.61	mg/kg	J
East canyon	21-11254	MD21-01-0158	4.5–5	Qbt 3	Cadmium	0.02	mg/kg	U
East canyon	21-11254	MD21-01-0158	4.5–5	Qbt 3	Calcium	582	mg/kg	J
East canyon	21-11254	MD21-01-0158	4.5–5	Qbt 3	Chromium, total	1.8	mg/kg	None
East canyon	21-11254	MD21-01-0158	4.5–5	Qbt 3	Cobalt	0.78	mg/kg	J
East canyon	21-11254	MD21-01-0158	4.5–5	Qbt 3	Copper	3.4	mg/kg	None
East canyon	21-11254	MD21-01-0158	4.5–5	Qbt 3	Iron	6030	mg/kg	None
East canyon	21-11254	MD21-01-0158	4.5–5	Qbt 3	Magnesium	364	mg/kg	J
East canyon	21-11254	MD21-01-0158	4.5–5	Qbt 3	Manganese	70.4	mg/kg	None
East canyon	21-11254	MD21-01-0158	4.5–5	Qbt 3	Mercury	0.023	mg/kg	J
East canyon	21-11254	MD21-01-0158	4.5–5	Qbt 3	Nickel	2	mg/kg	J
East canyon	21-11254	MD21-01-0158	4.5–5	Qbt 3	Potassium	383	mg/kg	J
East canyon	21-11254	MD21-01-0158	4.5–5	Qbt 3	Selenium	0.27	mg/kg	J
East canyon	21-11254	MD21-01-0158	4.5–5	Qbt 3	Silver	0.6	mg/kg	UJ
East canyon	21-11254	MD21-01-0158	4.5–5	Qbt 3	Sodium	139	mg/kg	J-
East canyon	21-11254	MD21-01-0158	4.5–5	Qbt 3	Thallium	0.2	mg/kg	U
East canyon	21-11254	MD21-01-0158	4.5–5	Qbt 3	Vanadium	5	mg/kg	J
East canyon	21-11254	MD21-01-0158	4.5–5	Qbt 3	Zinc	36.2	mg/kg	None
East canyon	21-11254	MD21-01-0158	4.5–5	Qbt 3	Acenaphthylene	0.44	mg/kg	U
East canyon	21-11254	MD21-01-0158	4.5–5	Qbt 3	Aniline	0.44	mg/kg	U
East canyon	21-11254	MD21-01-0158	4.5–5	Qbt 3	Azobenzene	0.44	mg/kg	U
East canyon	21-11254	MD21-01-0158	4.5–5	Qbt 3	Benzo(g,h,i)perylene	0.44	mg/kg	U
East canyon	21-11254	MD21-01-0158	4.5–5	Qbt 3	Benzoic acid	2.1	mg/kg	U
East canyon	21-11254	MD21-01-0158	4.5–5	Qbt 3	Benzyl alcohol	0.44	mg/kg	U
East canyon	21-11254	MD21-01-0158	4.5–5	Qbt 3	Bis(2-chloroethoxy)methane	0.44	mg/kg	U
East canyon	21-11254	MD21-01-0158	4.5–5	Qbt 3	Bis(2-chloroethyl)ether	0.44	mg/kg	U
East canyon	21-11254	MD21-01-0158	4.5–5	Qbt 3	Bis(2-ethylhexyl)phthalate	0.44	mg/kg	U
East canyon	21-11254	MD21-01-0158	4.5–5	Qbt 3	Bromophenyl-phenylether[4-]	0.44	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
East canyon	21-11254	MD21-01-0158	4.5–5	Qbt 3	Butylbenzylphthalate	0.44	mg/kg	U
East canyon	21-11254	MD21-01-0158	4.5–5	Qbt 3	Chloro-3-methylphenol[4-]	0.44	mg/kg	U
East canyon	21-11254	MD21-01-0158	4.5–5	Qbt 3	Chloroaniline[4-]	0.44	mg/kg	UJ
East canyon	21-11254	MD21-01-0158	4.5–5	Qbt 3	Chloronaphthalene[2-]	0.44	mg/kg	U
East canyon	21-11254	MD21-01-0158	4.5–5	Qbt 3	Chlorophenol[2-]	0.44	mg/kg	U
East canyon	21-11254	MD21-01-0158	4.5–5	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.44	mg/kg	U
East canyon	21-11254	MD21-01-0158	4.5–5	Qbt 3	Di-n-butylphthalate	0.44	mg/kg	U
East canyon	21-11254	MD21-01-0158	4.5–5	Qbt 3	Di-n-octylphthalate	0.44	mg/kg	U
East canyon	21-11254	MD21-01-0158	4.5–5	Qbt 3	Dibenzofuran	0.44	mg/kg	U
East canyon	21-11254	MD21-01-0158	4.5–5	Qbt 3	Dichlorobenzene[1,2-]	0.44	mg/kg	U
East canyon	21-11254	MD21-01-0158	4.5–5	Qbt 3	Dichlorobenzene[1,3-]	0.44	mg/kg	U
East canyon	21-11254	MD21-01-0158	4.5–5	Qbt 3	Dichlorobenzene[1,4-]	0.44	mg/kg	U
East canyon	21-11254	MD21-01-0158	4.5–5	Qbt 3	Dichlorobenzidine[3,3'-]	2.1	mg/kg	UJ
East canyon	21-11254	MD21-01-0158	4.5–5	Qbt 3	Dichlorophenol[2,4-]	0.44	mg/kg	U
East canyon	21-11254	MD21-01-0158	4.5–5	Qbt 3	Diethylphthalate	0.44	mg/kg	U
East canyon	21-11254	MD21-01-0158	4.5–5	Qbt 3	Dimethyl phthalate	0.44	mg/kg	U
East canyon	21-11254	MD21-01-0158	4.5–5	Qbt 3	Dimethylphenol[2,4-]	0.44	mg/kg	U
East canyon	21-11254	MD21-01-0158	4.5–5	Qbt 3	Dinitro-2-methylphenol[4,6-]	2.1	mg/kg	U
East canyon	21-11254	MD21-01-0158	4.5–5	Qbt 3	Dinitrophenol[2,4-]	2.1	mg/kg	U
East canyon	21-11254	MD21-01-0158	4.5–5	Qbt 3	Dinitrotoluene[2,4-]	0.44	mg/kg	U
East canyon	21-11254	MD21-01-0158	4.5–5	Qbt 3	Dinitrotoluene[2,6-]	0.44	mg/kg	U
East canyon	21-11254	MD21-01-0158	4.5–5	Qbt 3	Hexachlorobenzene	0.44	mg/kg	U
East canyon	21-11254	MD21-01-0158	4.5–5	Qbt 3	Hexachlorobutadiene	0.44	mg/kg	U
East canyon	21-11254	MD21-01-0158	4.5–5	Qbt 3	Hexachlorocyclopentadiene	2.1	mg/kg	U
East canyon	21-11254	MD21-01-0158	4.5–5	Qbt 3	Hexachloroethane	0.44	mg/kg	U
East canyon	21-11254	MD21-01-0158	4.5–5	Qbt 3	Indeno(1,2,3-cd)pyrene	0.44	mg/kg	U
East canyon	21-11254	MD21-01-0158	4.5–5	Qbt 3	Isophorone	0.44	mg/kg	U
East canyon	21-11254	MD21-01-0158	4.5–5	Qbt 3	Methylphenol[2-]	0.44	mg/kg	U
East canyon	21-11254	MD21-01-0158	4.5–5	Qbt 3	Methylphenol[4-]	0.44	mg/kg	U
East canyon	21-11254	MD21-01-0158	4.5–5	Qbt 3	Nitroaniline[2-]	2.1	mg/kg	U
East canyon	21-11254	MD21-01-0158	4.5–5	Qbt 3	Nitroaniline[3-]	2.1	mg/kg	UJ
East canyon	21-11254	MD21-01-0158	4.5–5	Qbt 3	Nitroaniline[4-]	2.1	mg/kg	U
East canyon	21-11254	MD21-01-0158	4.5–5	Qbt 3	Nitrobenzene	0.44	mg/kg	U
East canyon	21-11254	MD21-01-0158	4.5–5	Qbt 3	Nitrophenol[2-]	0.44	mg/kg	U
East canyon	21-11254	MD21-01-0158	4.5–5	Qbt 3	Nitrophenol[4-]	2.1	mg/kg	U
East canyon	21-11254	MD21-01-0158	4.5–5	Qbt 3	Nitroso-di-n-propylamine[N-]	0.44	mg/kg	U
East canyon	21-11254	MD21-01-0158	4.5–5	Qbt 3	Nitrosodimethylamine[N-]	0.44	mg/kg	U
East canyon	21-11254	MD21-01-0158	4.5–5	Qbt 3	Nitrosodiphenylamine[N-]	0.44	mg/kg	U
East canyon	21-11254	MD21-01-0158	4.5–5	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.44	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
East canyon	21-11254	MD21-01-0158	4.5–5	Qbt 3	Pentachlorophenol	2.1	mg/kg	U
East canyon	21-11254	MD21-01-0158	4.5–5	Qbt 3	Phenol	0.44	mg/kg	U
East canyon	21-11254	MD21-01-0158	4.5–5	Qbt 3	Trichlorobenzene[1,2,4-]	0.44	mg/kg	U
East canyon	21-11254	MD21-01-0158	4.5–5	Qbt 3	Trichlorophenol[2,4,5-]	0.44	mg/kg	U
East canyon	21-11254	MD21-01-0158	4.5–5	Qbt 3	Trichlorophenol[2,4,6-]	0.44	mg/kg	U
East canyon	21-11254	MD21-01-0158	4.5–5	Qbt 3	Trimethylbenzene[1,2,4-]	0.0058	mg/kg	U
East canyon	21-11254	MD21-01-0158	4.5–5	Qbt 3	Trimethylbenzene[1,3,5-]	0.0058	mg/kg	U
East canyon	21-11254	MD21-01-0159	5.5–6	Qbt 3	Aluminum	1650	mg/kg	None
East canyon	21-11254	MD21-01-0159	5.5–6	Qbt 3	Antimony	0.28	mg/kg	U
East canyon	21-11254	MD21-01-0159	5.5–6	Qbt 3	Arsenic	1.3	mg/kg	None
East canyon	21-11254	MD21-01-0159	5.5–6	Qbt 3	Barium	15.5	mg/kg	J
East canyon	21-11254	MD21-01-0159	5.5–6	Qbt 3	Beryllium	0.52	mg/kg	J
East canyon	21-11254	MD21-01-0159	5.5–6	Qbt 3	Cadmium	0.019	mg/kg	U
East canyon	21-11254	MD21-01-0159	5.5–6	Qbt 3	Calcium	284	mg/kg	J
East canyon	21-11254	MD21-01-0159	5.5–6	Qbt 3	Chromium, total	0.91	mg/kg	J
East canyon	21-11254	MD21-01-0159	5.5–6	Qbt 3	Cobalt	0.55	mg/kg	J
East canyon	21-11254	MD21-01-0159	5.5–6	Qbt 3	Copper	1.8	mg/kg	J
East canyon	21-11254	MD21-01-0159	5.5–6	Qbt 3	Iron	4160	mg/kg	None
East canyon	21-11254	MD21-01-0159	5.5–6	Qbt 3	Magnesium	147	mg/kg	J
East canyon	21-11254	MD21-01-0159	5.5–6	Qbt 3	Manganese	448	mg/kg	None
East canyon	21-11254	MD21-01-0159	5.5–6	Qbt 3	Mercury	0.021	mg/kg	U
East canyon	21-11254	MD21-01-0159	5.5–6	Qbt 3	Nickel	2.1	mg/kg	J
East canyon	21-11254	MD21-01-0159	5.5–6	Qbt 3	Potassium	292	mg/kg	U
East canyon	21-11254	MD21-01-0159	5.5–6	Qbt 3	Selenium	0.15	mg/kg	U
East canyon	21-11254	MD21-01-0159	5.5–6	Qbt 3	Silver	0.56	mg/kg	UJ
East canyon	21-11254	MD21-01-0159	5.5–6	Qbt 3	Sodium	108	mg/kg	J-
East canyon	21-11254	MD21-01-0159	5.5–6	Qbt 3	Thallium	0.19	mg/kg	U
East canyon	21-11254	MD21-01-0159	5.5–6	Qbt 3	Vanadium	2.4	mg/kg	J
East canyon	21-11254	MD21-01-0159	5.5–6	Qbt 3	Zinc	25.9	mg/kg	None
East canyon	21-11254	MD21-01-0159	5.5–6	Qbt 3	Acenaphthylene	0.42	mg/kg	U
East canyon	21-11254	MD21-01-0159	5.5–6	Qbt 3	Aniline	0.42	mg/kg	U
East canyon	21-11254	MD21-01-0159	5.5–6	Qbt 3	Azobenzene	0.42	mg/kg	U
East canyon	21-11254	MD21-01-0159	5.5–6	Qbt 3	Benzo(g,h,i)perylene	0.42	mg/kg	U
East canyon	21-11254	MD21-01-0159	5.5–6	Qbt 3	Benzoic acid	2	mg/kg	U
East canyon	21-11254	MD21-01-0159	5.5–6	Qbt 3	Benzyl alcohol	0.42	mg/kg	U
East canyon	21-11254	MD21-01-0159	5.5–6	Qbt 3	Bis(2-chloroethoxy)methane	0.42	mg/kg	U
East canyon	21-11254	MD21-01-0159	5.5–6	Qbt 3	Bis(2-chloroethyl)ether	0.42	mg/kg	U
East canyon	21-11254	MD21-01-0159	5.5–6	Qbt 3	Bis(2-ethylhexyl)phthalate	0.42	mg/kg	U
East canyon	21-11254	MD21-01-0159	5.5–6	Qbt 3	Bromophenyl-phenylether[4-]	0.42	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
East canyon	21-11254	MD21-01-0159	5.5–6	Qbt 3	Butylbenzylphthalate	0.42	mg/kg	U
East canyon	21-11254	MD21-01-0159	5.5–6	Qbt 3	Chloro-3-methylphenol[4-]	0.42	mg/kg	U
East canyon	21-11254	MD21-01-0159	5.5–6	Qbt 3	Chloroaniline[4-]	0.42	mg/kg	UJ
East canyon	21-11254	MD21-01-0159	5.5–6	Qbt 3	Chloronaphthalene[2-]	0.42	mg/kg	U
East canyon	21-11254	MD21-01-0159	5.5–6	Qbt 3	Chlorophenol[2-]	0.42	mg/kg	U
East canyon	21-11254	MD21-01-0159	5.5–6	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.42	mg/kg	U
East canyon	21-11254	MD21-01-0159	5.5–6	Qbt 3	Di-n-butylphthalate	0.42	mg/kg	U
East canyon	21-11254	MD21-01-0159	5.5–6	Qbt 3	Di-n-octylphthalate	0.42	mg/kg	U
East canyon	21-11254	MD21-01-0159	5.5–6	Qbt 3	Dibenzofuran	0.42	mg/kg	U
East canyon	21-11254	MD21-01-0159	5.5–6	Qbt 3	Dichlorobenzene[1,2-]	0.42	mg/kg	U
East canyon	21-11254	MD21-01-0159	5.5–6	Qbt 3	Dichlorobenzene[1,3-]	0.42	mg/kg	U
East canyon	21-11254	MD21-01-0159	5.5–6	Qbt 3	Dichlorobenzene[1,4-]	0.42	mg/kg	U
East canyon	21-11254	MD21-01-0159	5.5–6	Qbt 3	Dichlorobenzidine[3,3'-]	2	mg/kg	UJ
East canyon	21-11254	MD21-01-0159	5.5–6	Qbt 3	Dichlorophenol[2,4-]	0.42	mg/kg	U
East canyon	21-11254	MD21-01-0159	5.5–6	Qbt 3	Diethylphthalate	0.42	mg/kg	U
East canyon	21-11254	MD21-01-0159	5.5–6	Qbt 3	Dimethyl phthalate	0.42	mg/kg	U
East canyon	21-11254	MD21-01-0159	5.5–6	Qbt 3	Dimethylphenol[2,4-]	0.42	mg/kg	U
East canyon	21-11254	MD21-01-0159	5.5–6	Qbt 3	Dinitro-2-methylphenol[4,6-]	2	mg/kg	U
East canyon	21-11254	MD21-01-0159	5.5–6	Qbt 3	Dinitrophenol[2,4-]	2	mg/kg	U
East canyon	21-11254	MD21-01-0159	5.5–6	Qbt 3	Dinitrotoluene[2,4-]	0.42	mg/kg	U
East canyon	21-11254	MD21-01-0159	5.5–6	Qbt 3	Dinitrotoluene[2,6-]	0.42	mg/kg	U
East canyon	21-11254	MD21-01-0159	5.5–6	Qbt 3	Hexachlorobenzene	0.42	mg/kg	U
East canyon	21-11254	MD21-01-0159	5.5–6	Qbt 3	Hexachlorobutadiene	0.42	mg/kg	U
East canyon	21-11254	MD21-01-0159	5.5–6	Qbt 3	Hexachlorocyclopentadiene	2	mg/kg	U
East canyon	21-11254	MD21-01-0159	5.5–6	Qbt 3	Hexachloroethane	0.42	mg/kg	U
East canyon	21-11254	MD21-01-0159	5.5–6	Qbt 3	Indeno(1,2,3-cd)pyrene	0.42	mg/kg	U
East canyon	21-11254	MD21-01-0159	5.5–6	Qbt 3	Isophorone	0.42	mg/kg	U
East canyon	21-11254	MD21-01-0159	5.5–6	Qbt 3	Methylphenol[2-]	0.42	mg/kg	U
East canyon	21-11254	MD21-01-0159	5.5–6	Qbt 3	Methylphenol[4-]	0.42	mg/kg	U
East canyon	21-11254	MD21-01-0159	5.5–6	Qbt 3	Nitroaniline[2-]	2	mg/kg	U
East canyon	21-11254	MD21-01-0159	5.5–6	Qbt 3	Nitroaniline[3-]	2	mg/kg	UJ
East canyon	21-11254	MD21-01-0159	5.5–6	Qbt 3	Nitroaniline[4-]	2	mg/kg	U
East canyon	21-11254	MD21-01-0159	5.5–6	Qbt 3	Nitrobenzene	0.42	mg/kg	U
East canyon	21-11254	MD21-01-0159	5.5–6	Qbt 3	Nitrophenol[2-]	0.42	mg/kg	U
East canyon	21-11254	MD21-01-0159	5.5–6	Qbt 3	Nitrophenol[4-]	2	mg/kg	U
East canyon	21-11254	MD21-01-0159	5.5–6	Qbt 3	Nitroso-di-n-propylamine[N-]	0.42	mg/kg	U
East canyon	21-11254	MD21-01-0159	5.5–6	Qbt 3	Nitrosodimethylamine[N-]	0.42	mg/kg	U
East canyon	21-11254	MD21-01-0159	5.5–6	Qbt 3	Nitrosodiphenylamine[N-]	0.42	mg/kg	U
East canyon	21-11254	MD21-01-0159	5.5–6	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.42	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
East canyon	21-11254	MD21-01-0159	5.5–6	Qbt 3	Pentachlorophenol	2	mg/kg	U
East canyon	21-11254	MD21-01-0159	5.5–6	Qbt 3	Phenol	0.42	mg/kg	U
East canyon	21-11254	MD21-01-0159	5.5–6	Qbt 3	Trichlorobenzene[1,2,4-]	0.42	mg/kg	U
East canyon	21-11254	MD21-01-0159	5.5–6	Qbt 3	Trichlorophenol[2,4,5-]	0.42	mg/kg	U
East canyon	21-11254	MD21-01-0159	5.5–6	Qbt 3	Trichlorophenol[2,4,6-]	0.42	mg/kg	U
East canyon	21-11254	MD21-01-0159	5.5–6	Qbt 3	Trimethylbenzene[1,2,4-]	0.0061	mg/kg	U
East canyon	21-11254	MD21-01-0159	5.5–6	Qbt 3	Trimethylbenzene[1,3,5-]	0.0061	mg/kg	U
East canyon	21-11255	MD21-01-0160	9.5–10	Qbt 3	Aluminum	3740	mg/kg	None
East canyon	21-11255	MD21-01-0160	9.5–10	Qbt 3	Antimony	0.27	mg/kg	U
East canyon	21-11255	MD21-01-0160	9.5–10	Qbt 3	Arsenic	2.2	mg/kg	None
East canyon	21-11255	MD21-01-0160	9.5–10	Qbt 3	Barium	30.2	mg/kg	None
East canyon	21-11255	MD21-01-0160	9.5–10	Qbt 3	Beryllium	0.88	mg/kg	None
East canyon	21-11255	MD21-01-0160	9.5–10	Qbt 3	Cadmium	0.018	mg/kg	U
East canyon	21-11255	MD21-01-0160	9.5–10	Qbt 3	Calcium	976	mg/kg	None
East canyon	21-11255	MD21-01-0160	9.5–10	Qbt 3	Chromium, total	3.3	mg/kg	None
East canyon	21-11255	MD21-01-0160	9.5–10	Qbt 3	Cobalt	2.3	mg/kg	J
East canyon	21-11255	MD21-01-0160	9.5–10	Qbt 3	Copper	4.8	mg/kg	None
East canyon	21-11255	MD21-01-0160	9.5–10	Qbt 3	Iron	6070	mg/kg	None
East canyon	21-11255	MD21-01-0160	9.5–10	Qbt 3	Magnesium	621	mg/kg	None
East canyon	21-11255	MD21-01-0160	9.5–10	Qbt 3	Manganese	109	mg/kg	None
East canyon	21-11255	MD21-01-0160	9.5–10	Qbt 3	Mercury	0.02	mg/kg	U
East canyon	21-11255	MD21-01-0160	9.5–10	Qbt 3	Nickel	3.5	mg/kg	J
East canyon	21-11255	MD21-01-0160	9.5–10	Qbt 3	Potassium	561	mg/kg	J
East canyon	21-11255	MD21-01-0160	9.5–10	Qbt 3	Selenium	0.51	mg/kg	J
East canyon	21-11255	MD21-01-0160	9.5–10	Qbt 3	Silver	0.55	mg/kg	UJ
East canyon	21-11255	MD21-01-0160	9.5–10	Qbt 3	Sodium	112	mg/kg	J-
East canyon	21-11255	MD21-01-0160	9.5–10	Qbt 3	Thallium	0.18	mg/kg	U
East canyon	21-11255	MD21-01-0160	9.5–10	Qbt 3	Vanadium	7.1	mg/kg	None
East canyon	21-11255	MD21-01-0160	9.5–10	Qbt 3	Zinc	41.7	mg/kg	None
East canyon	21-11255	MD21-01-0160	9.5–10	Qbt 3	Acenaphthylene	8	mg/kg	U
East canyon	21-11255	MD21-01-0160	9.5–10	Qbt 3	Aniline	8	mg/kg	U
East canyon	21-11255	MD21-01-0160	9.5–10	Qbt 3	Azobenzene	8	mg/kg	U
East canyon	21-11255	MD21-01-0160	9.5–10	Qbt 3	Benzo(g,h,i)perylene	8	mg/kg	U
East canyon	21-11255	MD21-01-0160	9.5–10	Qbt 3	Benzoic acid	39	mg/kg	U
East canyon	21-11255	MD21-01-0160	9.5–10	Qbt 3	Benzyl alcohol	8	mg/kg	U
East canyon	21-11255	MD21-01-0160	9.5–10	Qbt 3	Bis(2-chloroethoxy)methane	8	mg/kg	U
East canyon	21-11255	MD21-01-0160	9.5–10	Qbt 3	Bis(2-chloroethyl)ether	8	mg/kg	U
East canyon	21-11255	MD21-01-0160	9.5–10	Qbt 3	Bis(2-ethylhexyl)phthalate	8	mg/kg	U
East canyon	21-11255	MD21-01-0160	9.5–10	Qbt 3	Bromophenyl-phenylether[4-]	8	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
East canyon	21-11255	MD21-01-0160	9.5–10	Qbt 3	Butylbenzylphthalate	8	mg/kg	U
East canyon	21-11255	MD21-01-0160	9.5–10	Qbt 3	Chloro-3-methylphenol[4-]	8	mg/kg	U
East canyon	21-11255	MD21-01-0160	9.5–10	Qbt 3	Chloroaniline[4-]	8	mg/kg	UJ
East canyon	21-11255	MD21-01-0160	9.5–10	Qbt 3	Chloronaphthalene[2-]	8	mg/kg	U
East canyon	21-11255	MD21-01-0160	9.5–10	Qbt 3	Chlorophenol[2-]	8	mg/kg	U
East canyon	21-11255	MD21-01-0160	9.5–10	Qbt 3	Chlorophenyl-phenyl[4-] ether	8	mg/kg	U
East canyon	21-11255	MD21-01-0160	9.5–10	Qbt 3	Di-n-butylphthalate	8	mg/kg	U
East canyon	21-11255	MD21-01-0160	9.5–10	Qbt 3	Di-n-octylphthalate	8	mg/kg	U
East canyon	21-11255	MD21-01-0160	9.5–10	Qbt 3	Dibenzofuran	8	mg/kg	U
East canyon	21-11255	MD21-01-0160	9.5–10	Qbt 3	Dichlorobenzene[1,2-]	8	mg/kg	U
East canyon	21-11255	MD21-01-0160	9.5–10	Qbt 3	Dichlorobenzene[1,3-]	8	mg/kg	U
East canyon	21-11255	MD21-01-0160	9.5–10	Qbt 3	Dichlorobenzene[1,4-]	8	mg/kg	U
East canyon	21-11255	MD21-01-0160	9.5–10	Qbt 3	Dichlorobenzidine[3,3'-]	39	mg/kg	U
East canyon	21-11255	MD21-01-0160	9.5–10	Qbt 3	Dichlorophenol[2,4-]	8	mg/kg	U
East canyon	21-11255	MD21-01-0160	9.5–10	Qbt 3	Diethylphthalate	8	mg/kg	U
East canyon	21-11255	MD21-01-0160	9.5–10	Qbt 3	Dimethyl phthalate	8	mg/kg	U
East canyon	21-11255	MD21-01-0160	9.5–10	Qbt 3	Dimethylphenol[2,4-]	8	mg/kg	U
East canyon	21-11255	MD21-01-0160	9.5–10	Qbt 3	Dinitro-2-methylphenol[4,6-]	39	mg/kg	U
East canyon	21-11255	MD21-01-0160	9.5–10	Qbt 3	Dinitrophenol[2,4-]	39	mg/kg	U
East canyon	21-11255	MD21-01-0160	9.5–10	Qbt 3	Dinitrotoluene[2,4-]	8	mg/kg	U
East canyon	21-11255	MD21-01-0160	9.5–10	Qbt 3	Dinitrotoluene[2,6-]	8	mg/kg	U
East canyon	21-11255	MD21-01-0160	9.5–10	Qbt 3	Hexachlorobenzene	8	mg/kg	U
East canyon	21-11255	MD21-01-0160	9.5–10	Qbt 3	Hexachlorobutadiene	8	mg/kg	U
East canyon	21-11255	MD21-01-0160	9.5–10	Qbt 3	Hexachlorocyclopentadiene	39	mg/kg	U
East canyon	21-11255	MD21-01-0160	9.5–10	Qbt 3	Hexachloroethane	8	mg/kg	U
East canyon	21-11255	MD21-01-0160	9.5–10	Qbt 3	Indeno(1,2,3-cd)pyrene	8	mg/kg	U
East canyon	21-11255	MD21-01-0160	9.5–10	Qbt 3	Isophorone	8	mg/kg	U
East canyon	21-11255	MD21-01-0160	9.5–10	Qbt 3	Methylphenol[2-]	8	mg/kg	U
East canyon	21-11255	MD21-01-0160	9.5–10	Qbt 3	Methylphenol[4-]	8	mg/kg	U
East canyon	21-11255	MD21-01-0160	9.5–10	Qbt 3	Nitroaniline[2-]	39	mg/kg	U
East canyon	21-11255	MD21-01-0160	9.5–10	Qbt 3	Nitroaniline[3-]	39	mg/kg	UJ
East canyon	21-11255	MD21-01-0160	9.5–10	Qbt 3	Nitroaniline[4-]	39	mg/kg	UJ
East canyon	21-11255	MD21-01-0160	9.5–10	Qbt 3	Nitrobenzene	8	mg/kg	U
East canyon	21-11255	MD21-01-0160	9.5–10	Qbt 3	Nitrophenol[2-]	8	mg/kg	U
East canyon	21-11255	MD21-01-0160	9.5–10	Qbt 3	Nitrophenol[4-]	39	mg/kg	U
East canyon	21-11255	MD21-01-0160	9.5–10	Qbt 3	Nitroso-di-n-propylamine[N-]	8	mg/kg	U
East canyon	21-11255	MD21-01-0160	9.5–10	Qbt 3	Nitrosodimethylamine[N-]	8	mg/kg	U
East canyon	21-11255	MD21-01-0160	9.5–10	Qbt 3	Nitrosodiphenylamine[N-]	8	mg/kg	U
East canyon	21-11255	MD21-01-0160	9.5–10	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	8	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
East canyon	21-11255	MD21-01-0160	9.5–10	Qbt 3	Pentachlorophenol	39	mg/kg	U
East canyon	21-11255	MD21-01-0160	9.5–10	Qbt 3	Phenol	8	mg/kg	U
East canyon	21-11255	MD21-01-0160	9.5–10	Qbt 3	Trichlorobenzene[1,2,4-]	8	mg/kg	U
East canyon	21-11255	MD21-01-0160	9.5–10	Qbt 3	Trichlorophenol[2,4,5-]	8	mg/kg	U
East canyon	21-11255	MD21-01-0160	9.5–10	Qbt 3	Trichlorophenol[2,4,6-]	8	mg/kg	U
East canyon	21-11255	MD21-01-0160	9.5–10	Qbt 3	Chlorobenzene	0.0061	mg/kg	U
East canyon	21-11255	MD21-01-0160	9.5–10	Qbt 3	Dichlorobenzene[1,4-]	0.0061	mg/kg	U
East canyon	21-11255	MD21-01-0160	9.5–10	Qbt 3	Dichloroethene[1,1-]	0.0061	mg/kg	U
East canyon	21-11255	MD21-01-0160	9.5–10	Qbt 3	Trichloroethene	0.0061	mg/kg	U
East canyon	21-11255	MD21-01-0160	9.5–10	Qbt 3	Trimethylbenzene[1,2,4-]	0.0063	mg/kg	U
East canyon	21-11255	MD21-01-0160	9.5–10	Qbt 3	Trimethylbenzene[1,3,5-]	0.0082	mg/kg	U
East canyon	21-11255	MD21-01-0161	11.5–12	Qbt 3	Aluminum	3440	mg/kg	None
East canyon	21-11255	MD21-01-0161	11.5–12	Qbt 3	Antimony	0.36	mg/kg	J
East canyon	21-11255	MD21-01-0161	11.5–12	Qbt 3	Arsenic	1.6	mg/kg	None
East canyon	21-11255	MD21-01-0161	11.5–12	Qbt 3	Barium	27.5	mg/kg	None
East canyon	21-11255	MD21-01-0161	11.5–12	Qbt 3	Beryllium	0.84	mg/kg	None
East canyon	21-11255	MD21-01-0161	11.5–12	Qbt 3	Cadmium	0.017	mg/kg	U
East canyon	21-11255	MD21-01-0161	11.5–12	Qbt 3	Calcium	716	mg/kg	None
East canyon	21-11255	MD21-01-0161	11.5–12	Qbt 3	Chromium, total	2.2	mg/kg	None
East canyon	21-11255	MD21-01-0161	11.5–12	Qbt 3	Cobalt	1.1	mg/kg	J
East canyon	21-11255	MD21-01-0161	11.5–12	Qbt 3	Copper	4.3	mg/kg	None
East canyon	21-11255	MD21-01-0161	11.5–12	Qbt 3	Iron	5580	mg/kg	None
East canyon	21-11255	MD21-01-0161	11.5–12	Qbt 3	Magnesium	581	mg/kg	None
East canyon	21-11255	MD21-01-0161	11.5–12	Qbt 3	Manganese	368	mg/kg	None
East canyon	21-11255	MD21-01-0161	11.5–12	Qbt 3	Mercury	0.019	mg/kg	U
East canyon	21-11255	MD21-01-0161	11.5–12	Qbt 3	Nickel	2.8	mg/kg	J
East canyon	21-11255	MD21-01-0161	11.5–12	Qbt 3	Potassium	268	mg/kg	U
East canyon	21-11255	MD21-01-0161	11.5–12	Qbt 3	Selenium	0.14	mg/kg	U
East canyon	21-11255	MD21-01-0161	11.5–12	Qbt 3	Silver	0.52	mg/kg	UJ
East canyon	21-11255	MD21-01-0161	11.5–12	Qbt 3	Sodium	90.5	mg/kg	J-
East canyon	21-11255	MD21-01-0161	11.5–12	Qbt 3	Thallium	0.17	mg/kg	U
East canyon	21-11255	MD21-01-0161	11.5–12	Qbt 3	Vanadium	4.6	mg/kg	J
East canyon	21-11255	MD21-01-0161	11.5–12	Qbt 3	Zinc	38	mg/kg	None
East canyon	21-11255	MD21-01-0161	11.5–12	Qbt 3	Acenaphthylene	3.8	mg/kg	U
East canyon	21-11255	MD21-01-0161	11.5–12	Qbt 3	Aniline	3.8	mg/kg	U
East canyon	21-11255	MD21-01-0161	11.5–12	Qbt 3	Azobenzene	3.8	mg/kg	U
East canyon	21-11255	MD21-01-0161	11.5–12	Qbt 3	Benzo(g,h,i)perylene	3.8	mg/kg	U
East canyon	21-11255	MD21-01-0161	11.5–12	Qbt 3	Benzoic acid	19	mg/kg	U
East canyon	21-11255	MD21-01-0161	11.5–12	Qbt 3	Benzyl alcohol	3.8	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
East canyon	21-11255	MD21-01-0161	11.5–12	Qbt 3	Bis(2-chloroethoxy)methane	3.8	mg/kg	U
East canyon	21-11255	MD21-01-0161	11.5–12	Qbt 3	Bis(2-chloroethyl)ether	3.8	mg/kg	U
East canyon	21-11255	MD21-01-0161	11.5–12	Qbt 3	Bis(2-ethylhexyl)phthalate	3.8	mg/kg	U
East canyon	21-11255	MD21-01-0161	11.5–12	Qbt 3	Bromophenyl-phenylether[4-]	3.8	mg/kg	U
East canyon	21-11255	MD21-01-0161	11.5–12	Qbt 3	Butylbenzylphthalate	3.8	mg/kg	U
East canyon	21-11255	MD21-01-0161	11.5–12	Qbt 3	Chloro-3-methylphenol[4-]	3.8	mg/kg	U
East canyon	21-11255	MD21-01-0161	11.5–12	Qbt 3	Chloroaniline[4-]	3.8	mg/kg	UJ
East canyon	21-11255	MD21-01-0161	11.5–12	Qbt 3	Chloronaphthalene[2-]	3.8	mg/kg	U
East canyon	21-11255	MD21-01-0161	11.5–12	Qbt 3	Chlorophenol[2-]	3.8	mg/kg	U
East canyon	21-11255	MD21-01-0161	11.5–12	Qbt 3	Chlorophenyl-phenyl[4-] ether	3.8	mg/kg	U
East canyon	21-11255	MD21-01-0161	11.5–12	Qbt 3	Di-n-butylphthalate	3.8	mg/kg	U
East canyon	21-11255	MD21-01-0161	11.5–12	Qbt 3	Di-n-octylphthalate	3.8	mg/kg	U
East canyon	21-11255	MD21-01-0161	11.5–12	Qbt 3	Dibenzofuran	3.8	mg/kg	U
East canyon	21-11255	MD21-01-0161	11.5–12	Qbt 3	Dichlorobenzene[1,2-]	3.8	mg/kg	U
East canyon	21-11255	MD21-01-0161	11.5–12	Qbt 3	Dichlorobenzene[1,3-]	3.8	mg/kg	U
East canyon	21-11255	MD21-01-0161	11.5–12	Qbt 3	Dichlorobenzene[1,4-]	3.8	mg/kg	U
East canyon	21-11255	MD21-01-0161	11.5–12	Qbt 3	Dichlorobenzidine[3,3'-]	19	mg/kg	U
East canyon	21-11255	MD21-01-0161	11.5–12	Qbt 3	Dichlorophenol[2,4-]	3.8	mg/kg	U
East canyon	21-11255	MD21-01-0161	11.5–12	Qbt 3	Diethylphthalate	3.8	mg/kg	U
East canyon	21-11255	MD21-01-0161	11.5–12	Qbt 3	Dimethyl phthalate	3.8	mg/kg	U
East canyon	21-11255	MD21-01-0161	11.5–12	Qbt 3	Dimethylphenol[2,4-]	3.8	mg/kg	U
East canyon	21-11255	MD21-01-0161	11.5–12	Qbt 3	Dinitro-2-methylphenol[4,6-]	19	mg/kg	U
East canyon	21-11255	MD21-01-0161	11.5–12	Qbt 3	Dinitrophenol[2,4-]	19	mg/kg	U
East canyon	21-11255	MD21-01-0161	11.5–12	Qbt 3	Dinitrotoluene[2,4-]	3.8	mg/kg	U
East canyon	21-11255	MD21-01-0161	11.5–12	Qbt 3	Dinitrotoluene[2,6-]	3.8	mg/kg	U
East canyon	21-11255	MD21-01-0161	11.5–12	Qbt 3	Hexachlorobenzene	3.8	mg/kg	U
East canyon	21-11255	MD21-01-0161	11.5–12	Qbt 3	Hexachlorobutadiene	3.8	mg/kg	U
East canyon	21-11255	MD21-01-0161	11.5–12	Qbt 3	Hexachlorocyclopentadiene	19	mg/kg	U
East canyon	21-11255	MD21-01-0161	11.5–12	Qbt 3	Hexachloroethane	3.8	mg/kg	U
East canyon	21-11255	MD21-01-0161	11.5–12	Qbt 3	Indeno(1,2,3-cd)pyrene	3.8	mg/kg	U
East canyon	21-11255	MD21-01-0161	11.5–12	Qbt 3	Isophorone	3.8	mg/kg	U
East canyon	21-11255	MD21-01-0161	11.5–12	Qbt 3	Methylphenol[2-]	3.8	mg/kg	U
East canyon	21-11255	MD21-01-0161	11.5–12	Qbt 3	Methylphenol[4-]	3.8	mg/kg	U
East canyon	21-11255	MD21-01-0161	11.5–12	Qbt 3	Nitroaniline[2-]	19	mg/kg	U
East canyon	21-11255	MD21-01-0161	11.5–12	Qbt 3	Nitroaniline[3-]	19	mg/kg	UJ
East canyon	21-11255	MD21-01-0161	11.5–12	Qbt 3	Nitroaniline[4-]	19	mg/kg	UJ
East canyon	21-11255	MD21-01-0161	11.5–12	Qbt 3	Nitrobenzene	3.8	mg/kg	U
East canyon	21-11255	MD21-01-0161	11.5–12	Qbt 3	Nitrophenol[2-]	3.8	mg/kg	U
East canyon	21-11255	MD21-01-0161	11.5–12	Qbt 3	Nitrophenol[4-]	19	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
East canyon	21-11255	MD21-01-0161	11.5–12	Qbt 3	Nitroso-di-n-propylamine[N-]	3.8	mg/kg	U
East canyon	21-11255	MD21-01-0161	11.5–12	Qbt 3	Nitrosodimethylamine[N-]	3.8	mg/kg	U
East canyon	21-11255	MD21-01-0161	11.5–12	Qbt 3	Nitrosodiphenylamine[N-]	3.8	mg/kg	U
East canyon	21-11255	MD21-01-0161	11.5–12	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	3.8	mg/kg	U
East canyon	21-11255	MD21-01-0161	11.5–12	Qbt 3	Pentachlorophenol	19	mg/kg	U
East canyon	21-11255	MD21-01-0161	11.5–12	Qbt 3	Phenol	3.8	mg/kg	U
East canyon	21-11255	MD21-01-0161	11.5–12	Qbt 3	Trichlorobenzene[1,2,4-]	3.8	mg/kg	U
East canyon	21-11255	MD21-01-0161	11.5–12	Qbt 3	Trichlorophenol[2,4,5-]	3.8	mg/kg	U
East canyon	21-11255	MD21-01-0161	11.5–12	Qbt 3	Trichlorophenol[2,4,6-]	3.8	mg/kg	U
East canyon	21-11255	MD21-01-0161	11.5–12	Qbt 3	Trimethylbenzene[1,2,4-]	0.0057	mg/kg	U
East canyon	21-11255	MD21-01-0161	11.5–12	Qbt 3	Trimethylbenzene[1,3,5-]	0.0057	mg/kg	U
East canyon	21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Aluminum	957	mg/kg	None
East canyon	21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Antimony	0.24	mg/kg	U
East canyon	21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Arsenic	1.1	mg/kg	None
East canyon	21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Barium	10.1	mg/kg	J
East canyon	21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Beryllium	0.45	mg/kg	J
East canyon	21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Cadmium	0.016	mg/kg	U
East canyon	21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Calcium	175	mg/kg	J
East canyon	21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Chromium, total	0.92	mg/kg	J
East canyon	21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Cobalt	0.52	mg/kg	J
East canyon	21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Copper	1.5	mg/kg	J
East canyon	21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Iron	3750	mg/kg	None
East canyon	21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Magnesium	127	mg/kg	J
East canyon	21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Manganese	227	mg/kg	None
East canyon	21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Mercury	0.018	mg/kg	U
East canyon	21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Nickel	0.94	mg/kg	J
East canyon	21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Potassium	255	mg/kg	U
East canyon	21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Selenium	0.13	mg/kg	U
East canyon	21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Silver	0.49	mg/kg	UJ
East canyon	21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Sodium	88.2	mg/kg	J-
East canyon	21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Thallium	0.16	mg/kg	U
East canyon	21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Vanadium	1.6	mg/kg	J
East canyon	21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Zinc	30	mg/kg	None
East canyon	21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Acenaphthylene	0.36	mg/kg	U
East canyon	21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Aniline	0.36	mg/kg	U
East canyon	21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Azobenzene	0.36	mg/kg	U
East canyon	21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Benzo(g,h,i)perylene	0.36	mg/kg	U
East canyon	21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Benzoic acid	1.7	mg/kg	U
East canyon	21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Benzyl alcohol	0.36	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
East canyon	21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Bis(2-chloroethoxy)methane	0.36	mg/kg	U
East canyon	21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Bis(2-chloroethyl)ether	0.36	mg/kg	U
East canyon	21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Bis(2-ethylhexyl)phthalate	0.36	mg/kg	U
East canyon	21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Bromophenyl-phenylether[4-]	0.36	mg/kg	U
East canyon	21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Butylbenzylphthalate	0.36	mg/kg	U
East canyon	21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Chloro-3-methylphenol[4-]	0.36	mg/kg	U
East canyon	21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Chloroaniline[4-]	0.36	mg/kg	UJ
East canyon	21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Chloronaphthalene[2-]	0.36	mg/kg	U
East canyon	21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Chlorophenol[2-]	0.36	mg/kg	U
East canyon	21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.36	mg/kg	U
East canyon	21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Di-n-butylphthalate	0.36	mg/kg	U
East canyon	21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Di-n-octylphthalate	0.36	mg/kg	U
East canyon	21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Dibenzofuran	0.36	mg/kg	U
East canyon	21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Dichlorobenzene[1,2-]	0.36	mg/kg	U
East canyon	21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Dichlorobenzene[1,3-]	0.36	mg/kg	U
East canyon	21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Dichlorobenzene[1,4-]	0.36	mg/kg	U
East canyon	21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Dichlorobenzidine[3,3'-]	1.7	mg/kg	U
East canyon	21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Dichlorophenol[2,4-]	0.36	mg/kg	U
East canyon	21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Diethylphthalate	0.36	mg/kg	U
East canyon	21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Dimethyl phthalate	0.36	mg/kg	U
East canyon	21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Dimethylphenol[2,4-]	0.36	mg/kg	U
East canyon	21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
East canyon	21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Dinitrophenol[2,4-]	1.7	mg/kg	U
East canyon	21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Dinitrotoluene[2,4-]	0.36	mg/kg	U
East canyon	21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Dinitrotoluene[2,6-]	0.36	mg/kg	U
East canyon	21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Hexachlorobenzene	0.36	mg/kg	U
East canyon	21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Hexachlorobutadiene	0.36	mg/kg	U
East canyon	21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Hexachlorocyclopentadiene	1.7	mg/kg	U
East canyon	21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Hexachloroethane	0.36	mg/kg	U
East canyon	21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Indeno(1,2,3-cd)pyrene	0.36	mg/kg	U
East canyon	21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Isophorone	0.36	mg/kg	U
East canyon	21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Methylphenol[2-]	0.36	mg/kg	U
East canyon	21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Methylphenol[4-]	0.36	mg/kg	U
East canyon	21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Nitroaniline[2-]	1.7	mg/kg	U
East canyon	21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Nitroaniline[3-]	1.7	mg/kg	UJ
East canyon	21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Nitroaniline[4-]	1.7	mg/kg	UJ
East canyon	21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Nitrobenzene	0.36	mg/kg	U
East canyon	21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Nitrophenol[2-]	0.36	mg/kg	U
East canyon	21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Nitrophenol[4-]	1.7	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
East canyon	21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Nitroso-di-n-propylamine[N-]	0.36	mg/kg	U
East canyon	21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Nitrosodimethylamine[N-]	0.36	mg/kg	U
East canyon	21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Nitrosodiphenylamine[N-]	0.36	mg/kg	U
East canyon	21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.36	mg/kg	U
East canyon	21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Pentachlorophenol	1.7	mg/kg	U
East canyon	21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Phenol	0.36	mg/kg	U
East canyon	21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Trichlorobenzene[1,2,4-]	0.36	mg/kg	U
East canyon	21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Trichlorophenol[2,4,5-]	0.36	mg/kg	U
East canyon	21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Trichlorophenol[2,4,6-]	0.36	mg/kg	U
East canyon	21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Chlorobenzene	0.0063	mg/kg	U
East canyon	21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Dichlorobenzene[1,4-]	0.0063	mg/kg	U
East canyon	21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Dichloroethene[1,1-]	0.0063	mg/kg	U
East canyon	21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Trichloroethene	0.0063	mg/kg	U
East canyon	21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Trimethylbenzene[1,2,4-]	0.0063	mg/kg	U
East canyon	21-11255	MD21-01-0162	15.75–16.8	Qbt 3	Trimethylbenzene[1,3,5-]	0.0063	mg/kg	U
East canyon	21-11256	MD21-01-0163	1.8–2.1	Sediment	Aluminum	2230	mg/kg	None
East canyon	21-11256	MD21-01-0163	1.8–2.1	Sediment	Antimony	0.24	mg/kg	U
East canyon	21-11256	MD21-01-0163	1.8–2.1	Sediment	Arsenic	1.6	mg/kg	None
East canyon	21-11256	MD21-01-0163	1.8–2.1	Sediment	Barium	52.5	mg/kg	None
East canyon	21-11256	MD21-01-0163	1.8–2.1	Sediment	Beryllium	0.52	mg/kg	J
East canyon	21-11256	MD21-01-0163	1.8–2.1	Sediment	Cadmium	0.016	mg/kg	U
East canyon	21-11256	MD21-01-0163	1.8–2.1	Sediment	Calcium	1990	mg/kg	None
East canyon	21-11256	MD21-01-0163	1.8–2.1	Sediment	Chromium, total	2.8	mg/kg	None
East canyon	21-11256	MD21-01-0163	1.8–2.1	Sediment	Cobalt	2.2	mg/kg	J
East canyon	21-11256	MD21-01-0163	1.8–2.1	Sediment	Copper	2.9	mg/kg	None
East canyon	21-11256	MD21-01-0163	1.8–2.1	Sediment	Iron	4750	mg/kg	None
East canyon	21-11256	MD21-01-0163	1.8–2.1	Sediment	Magnesium	722	mg/kg	None
East canyon	21-11256	MD21-01-0163	1.8–2.1	Sediment	Manganese	254	mg/kg	None
East canyon	21-11256	MD21-01-0163	1.8–2.1	Sediment	Mercury	0.018	mg/kg	U
East canyon	21-11256	MD21-01-0163	1.8–2.1	Sediment	Nickel	2.9	mg/kg	J
East canyon	21-11256	MD21-01-0163	1.8–2.1	Sediment	Potassium	709	mg/kg	None
East canyon	21-11256	MD21-01-0163	1.8–2.1	Sediment	Selenium	0.25	mg/kg	J
East canyon	21-11256	MD21-01-0163	1.8–2.1	Sediment	Silver	0.48	mg/kg	UJ
East canyon	21-11256	MD21-01-0163	1.8–2.1	Sediment	Sodium	126	mg/kg	J-
East canyon	21-11256	MD21-01-0163	1.8–2.1	Sediment	Thallium	0.16	mg/kg	U
East canyon	21-11256	MD21-01-0163	1.8–2.1	Sediment	Vanadium	7.2	mg/kg	None
East canyon	21-11256	MD21-01-0163	1.8–2.1	Sediment	Zinc	19.1	mg/kg	None
East canyon	21-11256	MD21-01-0163	1.8–2.1	Sediment	Acenaphthylene	0.35	mg/kg	U
East canyon	21-11256	MD21-01-0163	1.8–2.1	Sediment	Aniline	0.35	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
East canyon	21-11256	MD21-01-0163	1.8–2.1	Sediment	Azobenzene	0.35	mg/kg	U
East canyon	21-11256	MD21-01-0163	1.8–2.1	Sediment	Benzo(g,h,i)perylene	0.35	mg/kg	U
East canyon	21-11256	MD21-01-0163	1.8–2.1	Sediment	Benzoic acid	1.7	mg/kg	U
East canyon	21-11256	MD21-01-0163	1.8–2.1	Sediment	Benzyl alcohol	0.35	mg/kg	U
East canyon	21-11256	MD21-01-0163	1.8–2.1	Sediment	Bis(2-chloroethoxy)methane	0.35	mg/kg	U
East canyon	21-11256	MD21-01-0163	1.8–2.1	Sediment	Bis(2-chloroethyl)ether	0.35	mg/kg	U
East canyon	21-11256	MD21-01-0163	1.8–2.1	Sediment	Bis(2-ethylhexyl)phthalate	0.35	mg/kg	U
East canyon	21-11256	MD21-01-0163	1.8–2.1	Sediment	Bromophenyl-phenylether[4-]	0.35	mg/kg	U
East canyon	21-11256	MD21-01-0163	1.8–2.1	Sediment	Butylbenzylphthalate	0.35	mg/kg	U
East canyon	21-11256	MD21-01-0163	1.8–2.1	Sediment	Chloro-3-methylphenol[4-]	0.35	mg/kg	U
East canyon	21-11256	MD21-01-0163	1.8–2.1	Sediment	Chloroaniline[4-]	0.35	mg/kg	UJ
East canyon	21-11256	MD21-01-0163	1.8–2.1	Sediment	Chloronaphthalene[2-]	0.35	mg/kg	U
East canyon	21-11256	MD21-01-0163	1.8–2.1	Sediment	Chlorophenol[2-]	0.35	mg/kg	U
East canyon	21-11256	MD21-01-0163	1.8–2.1	Sediment	Chlorophenyl-phenyl[4-] ether	0.35	mg/kg	U
East canyon	21-11256	MD21-01-0163	1.8–2.1	Sediment	Di-n-butylphthalate	0.35	mg/kg	U
East canyon	21-11256	MD21-01-0163	1.8–2.1	Sediment	Di-n-octylphthalate	0.35	mg/kg	U
East canyon	21-11256	MD21-01-0163	1.8–2.1	Sediment	Dibenzofuran	0.35	mg/kg	U
East canyon	21-11256	MD21-01-0163	1.8–2.1	Sediment	Dichlorobenzene[1,2-]	0.35	mg/kg	U
East canyon	21-11256	MD21-01-0163	1.8–2.1	Sediment	Dichlorobenzene[1,3-]	0.35	mg/kg	U
East canyon	21-11256	MD21-01-0163	1.8–2.1	Sediment	Dichlorobenzene[1,4-]	0.35	mg/kg	U
East canyon	21-11256	MD21-01-0163	1.8–2.1	Sediment	Dichlorobenzidine[3,3'-]	1.7	mg/kg	U
East canyon	21-11256	MD21-01-0163	1.8–2.1	Sediment	Dichlorophenol[2,4-]	0.35	mg/kg	U
East canyon	21-11256	MD21-01-0163	1.8–2.1	Sediment	Diethylphthalate	0.35	mg/kg	U
East canyon	21-11256	MD21-01-0163	1.8–2.1	Sediment	Dimethyl phthalate	0.35	mg/kg	U
East canyon	21-11256	MD21-01-0163	1.8–2.1	Sediment	Dimethylphenol[2,4-]	0.35	mg/kg	U
East canyon	21-11256	MD21-01-0163	1.8–2.1	Sediment	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
East canyon	21-11256	MD21-01-0163	1.8–2.1	Sediment	Dinitrophenol[2,4-]	1.7	mg/kg	U
East canyon	21-11256	MD21-01-0163	1.8–2.1	Sediment	Dinitrotoluene[2,4-]	0.35	mg/kg	U
East canyon	21-11256	MD21-01-0163	1.8–2.1	Sediment	Dinitrotoluene[2,6-]	0.35	mg/kg	U
East canyon	21-11256	MD21-01-0163	1.8–2.1	Sediment	Hexachlorobenzene	0.35	mg/kg	U
East canyon	21-11256	MD21-01-0163	1.8–2.1	Sediment	Hexachlorobutadiene	0.35	mg/kg	U
East canyon	21-11256	MD21-01-0163	1.8–2.1	Sediment	Hexachlorocyclopentadiene	1.7	mg/kg	U
East canyon	21-11256	MD21-01-0163	1.8–2.1	Sediment	Hexachloroethane	0.35	mg/kg	U
East canyon	21-11256	MD21-01-0163	1.8–2.1	Sediment	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	U
East canyon	21-11256	MD21-01-0163	1.8–2.1	Sediment	Isophorone	0.35	mg/kg	U
East canyon	21-11256	MD21-01-0163	1.8–2.1	Sediment	Methylphenol[2-]	0.35	mg/kg	U
East canyon	21-11256	MD21-01-0163	1.8–2.1	Sediment	Methylphenol[4-]	0.35	mg/kg	U
East canyon	21-11256	MD21-01-0163	1.8–2.1	Sediment	Nitroaniline[2-]	1.7	mg/kg	U
East canyon	21-11256	MD21-01-0163	1.8–2.1	Sediment	Nitroaniline[3-]	1.7	mg/kg	UJ

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
East canyon	21-11256	MD21-01-0163	1.8–2.1	Sediment	Nitroaniline[4-]	1.7	mg/kg	UJ
East canyon	21-11256	MD21-01-0163	1.8–2.1	Sediment	Nitrobenzene	0.35	mg/kg	U
East canyon	21-11256	MD21-01-0163	1.8–2.1	Sediment	Nitrophenol[2-]	0.35	mg/kg	U
East canyon	21-11256	MD21-01-0163	1.8–2.1	Sediment	Nitrophenol[4-]	1.7	mg/kg	U
East canyon	21-11256	MD21-01-0163	1.8–2.1	Sediment	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	U
East canyon	21-11256	MD21-01-0163	1.8–2.1	Sediment	Nitrosodimethylamine[N-]	0.35	mg/kg	U
East canyon	21-11256	MD21-01-0163	1.8–2.1	Sediment	Nitrosodiphenylamine[N-]	0.35	mg/kg	U
East canyon	21-11256	MD21-01-0163	1.8–2.1	Sediment	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	U
East canyon	21-11256	MD21-01-0163	1.8–2.1	Sediment	Pentachlorophenol	1.7	mg/kg	U
East canyon	21-11256	MD21-01-0163	1.8–2.1	Sediment	Phenol	0.35	mg/kg	U
East canyon	21-11256	MD21-01-0163	1.8–2.1	Sediment	Trichlorobenzene[1,2,4-]	0.35	mg/kg	U
East canyon	21-11256	MD21-01-0163	1.8–2.1	Sediment	Trichlorophenol[2,4,5-]	0.35	mg/kg	U
East canyon	21-11256	MD21-01-0163	1.8–2.1	Sediment	Trichlorophenol[2,4,6-]	0.35	mg/kg	U
East canyon	21-11256	MD21-01-0163	1.8–2.1	Sediment	Chlorobenzene	0.0059	mg/kg	U
East canyon	21-11256	MD21-01-0163	1.8–2.1	Sediment	Dichlorobenzene[1,4-]	0.0059	mg/kg	U
East canyon	21-11256	MD21-01-0163	1.8–2.1	Sediment	Dichloroethene[1,1-]	0.0059	mg/kg	U
East canyon	21-11256	MD21-01-0163	1.8–2.1	Sediment	Trichloroethene	0.0059	mg/kg	U
East canyon	21-11256	MD21-01-0163	1.8–2.1	Sediment	Trimethylbenzene[1,2,4-]	0.0059	mg/kg	UJ
East canyon	21-11256	MD21-01-0163	1.8–2.1	Sediment	Trimethylbenzene[1,3,5-]	0.0059	mg/kg	UJ
East canyon	21-11256	MD21-01-0164	3.5–4	Qbt 3	Aluminum	2220	mg/kg	None
East canyon	21-11256	MD21-01-0164	3.5–4	Qbt 3	Antimony	0.25	mg/kg	U
East canyon	21-11256	MD21-01-0164	3.5–4	Qbt 3	Arsenic	2.3	mg/kg	None
East canyon	21-11256	MD21-01-0164	3.5–4	Qbt 3	Barium	36.4	mg/kg	None
East canyon	21-11256	MD21-01-0164	3.5–4	Qbt 3	Beryllium	0.53	mg/kg	J
East canyon	21-11256	MD21-01-0164	3.5–4	Qbt 3	Cadmium	0.017	mg/kg	U
East canyon	21-11256	MD21-01-0164	3.5–4	Qbt 3	Calcium	1040	mg/kg	None
East canyon	21-11256	MD21-01-0164	3.5–4	Qbt 3	Chromium, total	2.6	mg/kg	None
East canyon	21-11256	MD21-01-0164	3.5–4	Qbt 3	Cobalt	2.5	mg/kg	J
East canyon	21-11256	MD21-01-0164	3.5–4	Qbt 3	Copper	3.2	mg/kg	None
East canyon	21-11256	MD21-01-0164	3.5–4	Qbt 3	Iron	5570	mg/kg	None
East canyon	21-11256	MD21-01-0164	3.5–4	Qbt 3	Magnesium	541	mg/kg	J
East canyon	21-11256	MD21-01-0164	3.5–4	Qbt 3	Manganese	373	mg/kg	None
East canyon	21-11256	MD21-01-0164	3.5–4	Qbt 3	Mercury	0.019	mg/kg	U
East canyon	21-11256	MD21-01-0164	3.5–4	Qbt 3	Nickel	3	mg/kg	J
East canyon	21-11256	MD21-01-0164	3.5–4	Qbt 3	Potassium	624	mg/kg	None
East canyon	21-11256	MD21-01-0164	3.5–4	Qbt 3	Selenium	0.22	mg/kg	J
East canyon	21-11256	MD21-01-0164	3.5–4	Qbt 3	Silver	0.51	mg/kg	UJ
East canyon	21-11256	MD21-01-0164	3.5–4	Qbt 3	Sodium	413	mg/kg	J-
East canyon	21-11256	MD21-01-0164	3.5–4	Qbt 3	Thallium	0.17	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
East canyon	21-11256	MD21-01-0164	3.5–4	Qbt 3	Vanadium	7.1	mg/kg	None
East canyon	21-11256	MD21-01-0164	3.5–4	Qbt 3	Zinc	22.7	mg/kg	None
East canyon	21-11256	MD21-01-0164	3.5–4	Qbt 3	Acenaphthylene	0.38	mg/kg	U
East canyon	21-11256	MD21-01-0164	3.5–4	Qbt 3	Aniline	0.38	mg/kg	U
East canyon	21-11256	MD21-01-0164	3.5–4	Qbt 3	Azobenzene	0.38	mg/kg	U
East canyon	21-11256	MD21-01-0164	3.5–4	Qbt 3	Benzo(g,h,i)perylene	0.38	mg/kg	U
East canyon	21-11256	MD21-01-0164	3.5–4	Qbt 3	Benzoic acid	1.8	mg/kg	U
East canyon	21-11256	MD21-01-0164	3.5–4	Qbt 3	Benzyl alcohol	0.38	mg/kg	U
East canyon	21-11256	MD21-01-0164	3.5–4	Qbt 3	Bis(2-chloroethoxy)methane	0.38	mg/kg	U
East canyon	21-11256	MD21-01-0164	3.5–4	Qbt 3	Bis(2-chloroethyl)ether	0.38	mg/kg	U
East canyon	21-11256	MD21-01-0164	3.5–4	Qbt 3	Bis(2-ethylhexyl)phthalate	0.38	mg/kg	U
East canyon	21-11256	MD21-01-0164	3.5–4	Qbt 3	Bromophenyl-phenylether[4-]	0.38	mg/kg	U
East canyon	21-11256	MD21-01-0164	3.5–4	Qbt 3	Butylbenzylphthalate	0.38	mg/kg	U
East canyon	21-11256	MD21-01-0164	3.5–4	Qbt 3	Chloro-3-methylphenol[4-]	0.38	mg/kg	U
East canyon	21-11256	MD21-01-0164	3.5–4	Qbt 3	Chloroaniline[4-]	0.38	mg/kg	UJ
East canyon	21-11256	MD21-01-0164	3.5–4	Qbt 3	Chloronaphthalene[2-]	0.38	mg/kg	U
East canyon	21-11256	MD21-01-0164	3.5–4	Qbt 3	Chlorophenol[2-]	0.38	mg/kg	U
East canyon	21-11256	MD21-01-0164	3.5–4	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.38	mg/kg	U
East canyon	21-11256	MD21-01-0164	3.5–4	Qbt 3	Di-n-butylphthalate	0.38	mg/kg	U
East canyon	21-11256	MD21-01-0164	3.5–4	Qbt 3	Di-n-octylphthalate	0.38	mg/kg	U
East canyon	21-11256	MD21-01-0164	3.5–4	Qbt 3	Dibenzofuran	0.38	mg/kg	U
East canyon	21-11256	MD21-01-0164	3.5–4	Qbt 3	Dichlorobenzene[1,2-]	0.38	mg/kg	U
East canyon	21-11256	MD21-01-0164	3.5–4	Qbt 3	Dichlorobenzene[1,3-]	0.38	mg/kg	U
East canyon	21-11256	MD21-01-0164	3.5–4	Qbt 3	Dichlorobenzene[1,4-]	0.38	mg/kg	U
East canyon	21-11256	MD21-01-0164	3.5–4	Qbt 3	Dichlorobenzidine[3,3'-]	1.8	mg/kg	U
East canyon	21-11256	MD21-01-0164	3.5–4	Qbt 3	Dichlorophenol[2,4-]	0.38	mg/kg	U
East canyon	21-11256	MD21-01-0164	3.5–4	Qbt 3	Diethylphthalate	0.38	mg/kg	U
East canyon	21-11256	MD21-01-0164	3.5–4	Qbt 3	Dimethyl phthalate	0.38	mg/kg	U
East canyon	21-11256	MD21-01-0164	3.5–4	Qbt 3	Dimethylphenol[2,4-]	0.38	mg/kg	U
East canyon	21-11256	MD21-01-0164	3.5–4	Qbt 3	Dinitro-2-methylphenol[4,6-]	1.8	mg/kg	U
East canyon	21-11256	MD21-01-0164	3.5–4	Qbt 3	Dinitrophenol[2,4-]	1.8	mg/kg	U
East canyon	21-11256	MD21-01-0164	3.5–4	Qbt 3	Dinitrotoluene[2,4-]	0.38	mg/kg	U
East canyon	21-11256	MD21-01-0164	3.5–4	Qbt 3	Dinitrotoluene[2,6-]	0.38	mg/kg	U
East canyon	21-11256	MD21-01-0164	3.5–4	Qbt 3	Hexachlorobenzene	0.38	mg/kg	U
East canyon	21-11256	MD21-01-0164	3.5–4	Qbt 3	Hexachlorobutadiene	0.38	mg/kg	U
East canyon	21-11256	MD21-01-0164	3.5–4	Qbt 3	Hexachlorocyclopentadiene	1.8	mg/kg	U
East canyon	21-11256	MD21-01-0164	3.5–4	Qbt 3	Hexachloroethane	0.38	mg/kg	U
East canyon	21-11256	MD21-01-0164	3.5–4	Qbt 3	Indeno(1,2,3-cd)pyrene	0.38	mg/kg	U
East canyon	21-11256	MD21-01-0164	3.5–4	Qbt 3	Isophorone	0.38	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
East canyon	21-11256	MD21-01-0164	3.5–4	Qbt 3	Methylphenol[2-]	0.38	mg/kg	U
East canyon	21-11256	MD21-01-0164	3.5–4	Qbt 3	Methylphenol[4-]	0.38	mg/kg	U
East canyon	21-11256	MD21-01-0164	3.5–4	Qbt 3	Nitroaniline[2-]	1.8	mg/kg	U
East canyon	21-11256	MD21-01-0164	3.5–4	Qbt 3	Nitroaniline[3-]	1.8	mg/kg	UJ
East canyon	21-11256	MD21-01-0164	3.5–4	Qbt 3	Nitroaniline[4-]	1.8	mg/kg	UJ
East canyon	21-11256	MD21-01-0164	3.5–4	Qbt 3	Nitrobenzene	0.38	mg/kg	U
East canyon	21-11256	MD21-01-0164	3.5–4	Qbt 3	Nitrophenol[2-]	0.38	mg/kg	U
East canyon	21-11256	MD21-01-0164	3.5–4	Qbt 3	Nitrophenol[4-]	1.8	mg/kg	U
East canyon	21-11256	MD21-01-0164	3.5–4	Qbt 3	Nitroso-di-n-propylamine[N-]	0.38	mg/kg	U
East canyon	21-11256	MD21-01-0164	3.5–4	Qbt 3	Nitrosodimethylamine[N-]	0.38	mg/kg	U
East canyon	21-11256	MD21-01-0164	3.5–4	Qbt 3	Nitrosodiphenylamine[N-]	0.38	mg/kg	U
East canyon	21-11256	MD21-01-0164	3.5–4	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.38	mg/kg	U
East canyon	21-11256	MD21-01-0164	3.5–4	Qbt 3	Pentachlorophenol	1.8	mg/kg	U
East canyon	21-11256	MD21-01-0164	3.5–4	Qbt 3	Phenol	0.38	mg/kg	U
East canyon	21-11256	MD21-01-0164	3.5–4	Qbt 3	Trichlorobenzene[1,2,4-]	0.38	mg/kg	U
East canyon	21-11256	MD21-01-0164	3.5–4	Qbt 3	Trichlorophenol[2,4,5-]	0.38	mg/kg	U
East canyon	21-11256	MD21-01-0164	3.5–4	Qbt 3	Trichlorophenol[2,4,6-]	0.38	mg/kg	U
East canyon	21-11256	MD21-01-0164	3.5–4	Qbt 3	Trimethylbenzene[1,2,4-]	0.0066	mg/kg	U
East canyon	21-11256	MD21-01-0164	3.5–4	Qbt 3	Trimethylbenzene[1,3,5-]	0.0066	mg/kg	U
East canyon	21-11256	MD21-01-0165	5.5–6	Qbt 3	Aluminum	1560	mg/kg	None
East canyon	21-11256	MD21-01-0165	5.5–6	Qbt 3	Antimony	0.29	mg/kg	U
East canyon	21-11256	MD21-01-0165	5.5–6	Qbt 3	Arsenic	3.8	mg/kg	None
East canyon	21-11256	MD21-01-0165	5.5–6	Qbt 3	Barium	17.8	mg/kg	J
East canyon	21-11256	MD21-01-0165	5.5–6	Qbt 3	Beryllium	0.36	mg/kg	J
East canyon	21-11256	MD21-01-0165	5.5–6	Qbt 3	Cadmium	0.13	mg/kg	U
East canyon	21-11256	MD21-01-0165	5.5–6	Qbt 3	Calcium	485	mg/kg	J
East canyon	21-11256	MD21-01-0165	5.5–6	Qbt 3	Chromium, total	1.2	mg/kg	J
East canyon	21-11256	MD21-01-0165	5.5–6	Qbt 3	Cobalt	8.4	mg/kg	None
East canyon	21-11256	MD21-01-0165	5.5–6	Qbt 3	Copper	2.4	mg/kg	J
East canyon	21-11256	MD21-01-0165	5.5–6	Qbt 3	Iron	3190	mg/kg	None
East canyon	21-11256	MD21-01-0165	5.5–6	Qbt 3	Magnesium	261	mg/kg	J
East canyon	21-11256	MD21-01-0165	5.5–6	Qbt 3	Manganese	50.2	mg/kg	None
East canyon	21-11256	MD21-01-0165	5.5–6	Qbt 3	Mercury	0.022	mg/kg	U
East canyon	21-11256	MD21-01-0165	5.5–6	Qbt 3	Nickel	7.5	mg/kg	None
East canyon	21-11256	MD21-01-0165	5.5–6	Qbt 3	Potassium	302	mg/kg	U
East canyon	21-11256	MD21-01-0165	5.5–6	Qbt 3	Selenium	0.27	mg/kg	J
East canyon	21-11256	MD21-01-0165	5.5–6	Qbt 3	Silver	0.58	mg/kg	UJ
East canyon	21-11256	MD21-01-0165	5.5–6	Qbt 3	Sodium	112	mg/kg	J-
East canyon	21-11256	MD21-01-0165	5.5–6	Qbt 3	Thallium	0.19	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
East canyon	21-11256	MD21-01-0165	5.5–6	Qbt 3	Vanadium	6.7	mg/kg	None
East canyon	21-11256	MD21-01-0165	5.5–6	Qbt 3	Zinc	27.7	mg/kg	None
East canyon	21-11256	MD21-01-0165	5.5–6	Qbt 3	Acenaphthylene	4.3	mg/kg	U
East canyon	21-11256	MD21-01-0165	5.5–6	Qbt 3	Aniline	4.3	mg/kg	U
East canyon	21-11256	MD21-01-0165	5.5–6	Qbt 3	Azobenzene	4.3	mg/kg	U
East canyon	21-11256	MD21-01-0165	5.5–6	Qbt 3	Benzo(g,h,i)perylene	4.3	mg/kg	U
East canyon	21-11256	MD21-01-0165	5.5–6	Qbt 3	Benzoic acid	21	mg/kg	U
East canyon	21-11256	MD21-01-0165	5.5–6	Qbt 3	Benzyl alcohol	4.3	mg/kg	U
East canyon	21-11256	MD21-01-0165	5.5–6	Qbt 3	Bis(2-chloroethoxy)methane	4.3	mg/kg	U
East canyon	21-11256	MD21-01-0165	5.5–6	Qbt 3	Bis(2-chloroethyl)ether	4.3	mg/kg	U
East canyon	21-11256	MD21-01-0165	5.5–6	Qbt 3	Bis(2-ethylhexyl)phthalate	4.3	mg/kg	U
East canyon	21-11256	MD21-01-0165	5.5–6	Qbt 3	Bromophenyl-phenylether[4-]	4.3	mg/kg	U
East canyon	21-11256	MD21-01-0165	5.5–6	Qbt 3	Butylbenzylphthalate	4.3	mg/kg	U
East canyon	21-11256	MD21-01-0165	5.5–6	Qbt 3	Chloro-3-methylphenol[4-]	4.3	mg/kg	U
East canyon	21-11256	MD21-01-0165	5.5–6	Qbt 3	Chloroaniline[4-]	4.3	mg/kg	UJ
East canyon	21-11256	MD21-01-0165	5.5–6	Qbt 3	Chloronaphthalene[2-]	4.3	mg/kg	U
East canyon	21-11256	MD21-01-0165	5.5–6	Qbt 3	Chlorophenol[2-]	4.3	mg/kg	U
East canyon	21-11256	MD21-01-0165	5.5–6	Qbt 3	Chlorophenyl-phenyl[4-] ether	4.3	mg/kg	U
East canyon	21-11256	MD21-01-0165	5.5–6	Qbt 3	Di-n-butylphthalate	4.3	mg/kg	U
East canyon	21-11256	MD21-01-0165	5.5–6	Qbt 3	Di-n-octylphthalate	4.3	mg/kg	U
East canyon	21-11256	MD21-01-0165	5.5–6	Qbt 3	Dibenzofuran	4.3	mg/kg	U
East canyon	21-11256	MD21-01-0165	5.5–6	Qbt 3	Dichlorobenzene[1,2-]	4.3	mg/kg	U
East canyon	21-11256	MD21-01-0165	5.5–6	Qbt 3	Dichlorobenzene[1,3-]	4.3	mg/kg	U
East canyon	21-11256	MD21-01-0165	5.5–6	Qbt 3	Dichlorobenzene[1,4-]	4.3	mg/kg	U
East canyon	21-11256	MD21-01-0165	5.5–6	Qbt 3	Dichlorobenzidine[3,3'-]	21	mg/kg	U
East canyon	21-11256	MD21-01-0165	5.5–6	Qbt 3	Dichlorophenol[2,4-]	4.3	mg/kg	U
East canyon	21-11256	MD21-01-0165	5.5–6	Qbt 3	Diethylphthalate	4.3	mg/kg	U
East canyon	21-11256	MD21-01-0165	5.5–6	Qbt 3	Dimethyl phthalate	4.3	mg/kg	U
East canyon	21-11256	MD21-01-0165	5.5–6	Qbt 3	Dimethylphenol[2,4-]	4.3	mg/kg	U
East canyon	21-11256	MD21-01-0165	5.5–6	Qbt 3	Dinitro-2-methylphenol[4,6-]	21	mg/kg	U
East canyon	21-11256	MD21-01-0165	5.5–6	Qbt 3	Dinitrophenol[2,4-]	21	mg/kg	U
East canyon	21-11256	MD21-01-0165	5.5–6	Qbt 3	Dinitrotoluene[2,4-]	4.3	mg/kg	U
East canyon	21-11256	MD21-01-0165	5.5–6	Qbt 3	Dinitrotoluene[2,6-]	4.3	mg/kg	U
East canyon	21-11256	MD21-01-0165	5.5–6	Qbt 3	Hexachlorobenzene	4.3	mg/kg	U
East canyon	21-11256	MD21-01-0165	5.5–6	Qbt 3	Hexachlorobutadiene	4.3	mg/kg	U
East canyon	21-11256	MD21-01-0165	5.5–6	Qbt 3	Hexachlorocyclopentadiene	21	mg/kg	U
East canyon	21-11256	MD21-01-0165	5.5–6	Qbt 3	Hexachloroethane	4.3	mg/kg	U
East canyon	21-11256	MD21-01-0165	5.5–6	Qbt 3	Indeno(1,2,3-cd)pyrene	4.3	mg/kg	U
East canyon	21-11256	MD21-01-0165	5.5–6	Qbt 3	Isophorone	4.3	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
East canyon	21-11256	MD21-01-0165	5.5–6	Qbt 3	Methylphenol[2-]	4.3	mg/kg	U
East canyon	21-11256	MD21-01-0165	5.5–6	Qbt 3	Methylphenol[4-]	4.3	mg/kg	U
East canyon	21-11256	MD21-01-0165	5.5–6	Qbt 3	Nitroaniline[2-]	21	mg/kg	U
East canyon	21-11256	MD21-01-0165	5.5–6	Qbt 3	Nitroaniline[3-]	21	mg/kg	UJ
East canyon	21-11256	MD21-01-0165	5.5–6	Qbt 3	Nitroaniline[4-]	21	mg/kg	UJ
East canyon	21-11256	MD21-01-0165	5.5–6	Qbt 3	Nitrobenzene	4.3	mg/kg	U
East canyon	21-11256	MD21-01-0165	5.5–6	Qbt 3	Nitrophenol[2-]	4.3	mg/kg	U
East canyon	21-11256	MD21-01-0165	5.5–6	Qbt 3	Nitrophenol[4-]	21	mg/kg	U
East canyon	21-11256	MD21-01-0165	5.5–6	Qbt 3	Nitroso-di-n-propylamine[N-]	4.3	mg/kg	U
East canyon	21-11256	MD21-01-0165	5.5–6	Qbt 3	Nitrosodimethylamine[N-]	4.3	mg/kg	U
East canyon	21-11256	MD21-01-0165	5.5–6	Qbt 3	Nitrosodiphenylamine[N-]	4.3	mg/kg	U
East canyon	21-11256	MD21-01-0165	5.5–6	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	4.3	mg/kg	U
East canyon	21-11256	MD21-01-0165	5.5–6	Qbt 3	Pentachlorophenol	21	mg/kg	U
East canyon	21-11256	MD21-01-0165	5.5–6	Qbt 3	Phenol	4.3	mg/kg	U
East canyon	21-11256	MD21-01-0165	5.5–6	Qbt 3	Trichlorobenzene[1,2,4-]	4.3	mg/kg	U
East canyon	21-11256	MD21-01-0165	5.5–6	Qbt 3	Trichlorophenol[2,4,5-]	4.3	mg/kg	U
East canyon	21-11256	MD21-01-0165	5.5–6	Qbt 3	Trichlorophenol[2,4,6-]	4.3	mg/kg	U
East canyon	21-11256	MD21-01-0165	5.5–6	Qbt 3	Trimethylbenzene[1,2,4-]	0.0086	mg/kg	U
East canyon	21-11256	MD21-01-0165	5.5–6	Qbt 3	Trimethylbenzene[1,3,5-]	0.037	mg/kg	U
East canyon	21-11257	MD21-01-0166	1.5–2	Qbt 3	Aluminum	2590	mg/kg	None
East canyon	21-11257	MD21-01-0166	1.5–2	Qbt 3	Antimony	0.66	mg/kg	J
East canyon	21-11257	MD21-01-0166	1.5–2	Qbt 3	Arsenic	3	mg/kg	None
East canyon	21-11257	MD21-01-0166	1.5–2	Qbt 3	Barium	61.7	mg/kg	None
East canyon	21-11257	MD21-01-0166	1.5–2	Qbt 3	Beryllium	0.49	mg/kg	J
East canyon	21-11257	MD21-01-0166	1.5–2	Qbt 3	Cadmium	0.016	mg/kg	U
East canyon	21-11257	MD21-01-0166	1.5–2	Qbt 3	Calcium	2440	mg/kg	None
East canyon	21-11257	MD21-01-0166	1.5–2	Qbt 3	Chromium, total	19	mg/kg	None
East canyon	21-11257	MD21-01-0166	1.5–2	Qbt 3	Cobalt	2.7	mg/kg	J
East canyon	21-11257	MD21-01-0166	1.5–2	Qbt 3	Copper	19.6	mg/kg	None
East canyon	21-11257	MD21-01-0166	1.5–2	Qbt 3	Iron	5210	mg/kg	None
East canyon	21-11257	MD21-01-0166	1.5–2	Qbt 3	Magnesium	674	mg/kg	None
East canyon	21-11257	MD21-01-0166	1.5–2	Qbt 3	Manganese	177	mg/kg	None
East canyon	21-11257	MD21-01-0166	1.5–2	Qbt 3	Mercury	0.038	mg/kg	None
East canyon	21-11257	MD21-01-0166	1.5–2	Qbt 3	Nickel	12.5	mg/kg	None
East canyon	21-11257	MD21-01-0166	1.5–2	Qbt 3	Potassium	667	mg/kg	None
East canyon	21-11257	MD21-01-0166	1.5–2	Qbt 3	Selenium	0.2	mg/kg	J
East canyon	21-11257	MD21-01-0166	1.5–2	Qbt 3	Silver	2.9	mg/kg	J+
East canyon	21-11257	MD21-01-0166	1.5–2	Qbt 3	Sodium	72	mg/kg	J-
East canyon	21-11257	MD21-01-0166	1.5–2	Qbt 3	Thallium	0.16	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
East canyon	21-11257	MD21-01-0166	1.5–2	Qbt 3	Vanadium	10.6	mg/kg	None
East canyon	21-11257	MD21-01-0166	1.5–2	Qbt 3	Zinc	67	mg/kg	None
East canyon	21-11257	MD21-01-0166	1.5–2	Qbt 3	Acenaphthylene	0.69	mg/kg	U
East canyon	21-11257	MD21-01-0166	1.5–2	Qbt 3	Aniline	0.69	mg/kg	U
East canyon	21-11257	MD21-01-0166	1.5–2	Qbt 3	Azobenzene	0.69	mg/kg	U
East canyon	21-11257	MD21-01-0166	1.5–2	Qbt 3	Benzo(g,h,i)perylene	0.69	mg/kg	U
East canyon	21-11257	MD21-01-0166	1.5–2	Qbt 3	Benzoic acid	3.4	mg/kg	U
East canyon	21-11257	MD21-01-0166	1.5–2	Qbt 3	Benzyl alcohol	0.69	mg/kg	U
East canyon	21-11257	MD21-01-0166	1.5–2	Qbt 3	Bis(2-chloroethoxy)methane	0.69	mg/kg	U
East canyon	21-11257	MD21-01-0166	1.5–2	Qbt 3	Bis(2-chloroethyl)ether	0.69	mg/kg	U
East canyon	21-11257	MD21-01-0166	1.5–2	Qbt 3	Bis(2-ethylhexyl)phthalate	0.69	mg/kg	U
East canyon	21-11257	MD21-01-0166	1.5–2	Qbt 3	Bromophenyl-phenylether[4-]	0.69	mg/kg	U
East canyon	21-11257	MD21-01-0166	1.5–2	Qbt 3	Butylbenzylphthalate	0.69	mg/kg	U
East canyon	21-11257	MD21-01-0166	1.5–2	Qbt 3	Chloro-3-methylphenol[4-]	0.69	mg/kg	U
East canyon	21-11257	MD21-01-0166	1.5–2	Qbt 3	Chloroaniline[4-]	0.69	mg/kg	UJ
East canyon	21-11257	MD21-01-0166	1.5–2	Qbt 3	Chloronaphthalene[2-]	0.69	mg/kg	U
East canyon	21-11257	MD21-01-0166	1.5–2	Qbt 3	Chlorophenol[2-]	0.69	mg/kg	U
East canyon	21-11257	MD21-01-0166	1.5–2	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.69	mg/kg	U
East canyon	21-11257	MD21-01-0166	1.5–2	Qbt 3	Di-n-butylphthalate	0.69	mg/kg	U
East canyon	21-11257	MD21-01-0166	1.5–2	Qbt 3	Di-n-octylphthalate	0.69	mg/kg	U
East canyon	21-11257	MD21-01-0166	1.5–2	Qbt 3	Dibenzofuran	0.69	mg/kg	U
East canyon	21-11257	MD21-01-0166	1.5–2	Qbt 3	Dichlorobenzene[1,2-]	0.69	mg/kg	U
East canyon	21-11257	MD21-01-0166	1.5–2	Qbt 3	Dichlorobenzene[1,3-]	0.69	mg/kg	U
East canyon	21-11257	MD21-01-0166	1.5–2	Qbt 3	Dichlorobenzene[1,4-]	0.69	mg/kg	U
East canyon	21-11257	MD21-01-0166	1.5–2	Qbt 3	Dichlorobenzidine[3,3'-]	3.4	mg/kg	U
East canyon	21-11257	MD21-01-0166	1.5–2	Qbt 3	Dichlorophenol[2,4-]	0.69	mg/kg	U
East canyon	21-11257	MD21-01-0166	1.5–2	Qbt 3	Diethylphthalate	0.69	mg/kg	U
East canyon	21-11257	MD21-01-0166	1.5–2	Qbt 3	Dimethyl phthalate	0.69	mg/kg	U
East canyon	21-11257	MD21-01-0166	1.5–2	Qbt 3	Dimethylphenol[2,4-]	0.69	mg/kg	U
East canyon	21-11257	MD21-01-0166	1.5–2	Qbt 3	Dinitro-2-methylphenol[4,6-]	3.4	mg/kg	U
East canyon	21-11257	MD21-01-0166	1.5–2	Qbt 3	Dinitrophenol[2,4-]	3.4	mg/kg	U
East canyon	21-11257	MD21-01-0166	1.5–2	Qbt 3	Dinitrotoluene[2,4-]	0.69	mg/kg	U
East canyon	21-11257	MD21-01-0166	1.5–2	Qbt 3	Dinitrotoluene[2,6-]	0.69	mg/kg	U
East canyon	21-11257	MD21-01-0166	1.5–2	Qbt 3	Hexachlorobenzene	0.69	mg/kg	U
East canyon	21-11257	MD21-01-0166	1.5–2	Qbt 3	Hexachlorobutadiene	0.69	mg/kg	U
East canyon	21-11257	MD21-01-0166	1.5–2	Qbt 3	Hexachlorocyclopentadiene	3.4	mg/kg	U
East canyon	21-11257	MD21-01-0166	1.5–2	Qbt 3	Hexachloroethane	0.69	mg/kg	U
East canyon	21-11257	MD21-01-0166	1.5–2	Qbt 3	Indeno(1,2,3-cd)pyrene	0.089	mg/kg	J
East canyon	21-11257	MD21-01-0166	1.5–2	Qbt 3	Isophorone	0.69	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
East canyon	21-11257	MD21-01-0166	1.5–2	Qbt 3	Methylphenol[2-]	0.69	mg/kg	U
East canyon	21-11257	MD21-01-0166	1.5–2	Qbt 3	Methylphenol[4-]	0.69	mg/kg	U
East canyon	21-11257	MD21-01-0166	1.5–2	Qbt 3	Nitroaniline[2-]	3.4	mg/kg	U
East canyon	21-11257	MD21-01-0166	1.5–2	Qbt 3	Nitroaniline[3-]	3.4	mg/kg	UJ
East canyon	21-11257	MD21-01-0166	1.5–2	Qbt 3	Nitroaniline[4-]	3.4	mg/kg	UJ
East canyon	21-11257	MD21-01-0166	1.5–2	Qbt 3	Nitrobenzene	0.69	mg/kg	U
East canyon	21-11257	MD21-01-0166	1.5–2	Qbt 3	Nitrophenol[2-]	0.69	mg/kg	U
East canyon	21-11257	MD21-01-0166	1.5–2	Qbt 3	Nitrophenol[4-]	3.4	mg/kg	U
East canyon	21-11257	MD21-01-0166	1.5–2	Qbt 3	Nitroso-di-n-propylamine[N-]	0.69	mg/kg	U
East canyon	21-11257	MD21-01-0166	1.5–2	Qbt 3	Nitrosodimethylamine[N-]	0.69	mg/kg	U
East canyon	21-11257	MD21-01-0166	1.5–2	Qbt 3	Nitrosodiphenylamine[N-]	0.69	mg/kg	U
East canyon	21-11257	MD21-01-0166	1.5–2	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.69	mg/kg	U
East canyon	21-11257	MD21-01-0166	1.5–2	Qbt 3	Pentachlorophenol	3.4	mg/kg	U
East canyon	21-11257	MD21-01-0166	1.5–2	Qbt 3	Phenol	0.69	mg/kg	U
East canyon	21-11257	MD21-01-0166	1.5–2	Qbt 3	Trichlorobenzene[1,2,4-]	0.69	mg/kg	U
East canyon	21-11257	MD21-01-0166	1.5–2	Qbt 3	Trichlorophenol[2,4,5-]	0.69	mg/kg	U
East canyon	21-11257	MD21-01-0166	1.5–2	Qbt 3	Trichlorophenol[2,4,6-]	0.69	mg/kg	U
East canyon	21-11257	MD21-01-0166	1.5–2	Qbt 3	Trimethylbenzene[1,2,4-]	0.0059	mg/kg	UJ
East canyon	21-11257	MD21-01-0166	1.5–2	Qbt 3	Trimethylbenzene[1,3,5-]	0.0059	mg/kg	UJ
East canyon	21-11257	MD21-01-0167	3.5–4	Qbt 3	Aluminum	1350	mg/kg	None
East canyon	21-11257	MD21-01-0167	3.5–4	Qbt 3	Antimony	0.53	mg/kg	J
East canyon	21-11257	MD21-01-0167	3.5–4	Qbt 3	Arsenic	0.89	mg/kg	J
East canyon	21-11257	MD21-01-0167	3.5–4	Qbt 3	Barium	11.7	mg/kg	J
East canyon	21-11257	MD21-01-0167	3.5–4	Qbt 3	Beryllium	0.32	mg/kg	J
East canyon	21-11257	MD21-01-0167	3.5–4	Qbt 3	Cadmium	0.02	mg/kg	U
East canyon	21-11257	MD21-01-0167	3.5–4	Qbt 3	Calcium	247	mg/kg	J
East canyon	21-11257	MD21-01-0167	3.5–4	Qbt 3	Chromium, total	0.96	mg/kg	J
East canyon	21-11257	MD21-01-0167	3.5–4	Qbt 3	Cobalt	0.96	mg/kg	J
East canyon	21-11257	MD21-01-0167	3.5–4	Qbt 3	Copper	1.8	mg/kg	J
East canyon	21-11257	MD21-01-0167	3.5–4	Qbt 3	Iron	2400	mg/kg	None
East canyon	21-11257	MD21-01-0167	3.5–4	Qbt 3	Magnesium	201	mg/kg	J
East canyon	21-11257	MD21-01-0167	3.5–4	Qbt 3	Manganese	56	mg/kg	None
East canyon	21-11257	MD21-01-0167	3.5–4	Qbt 3	Mercury	0.022	mg/kg	U
East canyon	21-11257	MD21-01-0167	3.5–4	Qbt 3	Nickel	1.5	mg/kg	J
East canyon	21-11257	MD21-01-0167	3.5–4	Qbt 3	Potassium	303	mg/kg	U
East canyon	21-11257	MD21-01-0167	3.5–4	Qbt 3	Selenium	0.16	mg/kg	U
East canyon	21-11257	MD21-01-0167	3.5–4	Qbt 3	Silver	0.59	mg/kg	UJ
East canyon	21-11257	MD21-01-0167	3.5–4	Qbt 3	Sodium	108	mg/kg	J-
East canyon	21-11257	MD21-01-0167	3.5–4	Qbt 3	Thallium	0.2	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
East canyon	21-11257	MD21-01-0167	3.5–4	Qbt 3	Vanadium	4.7	mg/kg	J
East canyon	21-11257	MD21-01-0167	3.5–4	Qbt 3	Zinc	18	mg/kg	None
East canyon	21-11257	MD21-01-0167	3.5–4	Qbt 3	Acenaphthylene	0.86	mg/kg	U
East canyon	21-11257	MD21-01-0167	3.5–4	Qbt 3	Aniline	0.86	mg/kg	U
East canyon	21-11257	MD21-01-0167	3.5–4	Qbt 3	Azobenzene	0.86	mg/kg	U
East canyon	21-11257	MD21-01-0167	3.5–4	Qbt 3	Benzo(g,h,i)perylene	0.86	mg/kg	U
East canyon	21-11257	MD21-01-0167	3.5–4	Qbt 3	Benzoic acid	4.2	mg/kg	U
East canyon	21-11257	MD21-01-0167	3.5–4	Qbt 3	Benzyl alcohol	0.86	mg/kg	U
East canyon	21-11257	MD21-01-0167	3.5–4	Qbt 3	Bis(2-chloroethoxy)methane	0.86	mg/kg	U
East canyon	21-11257	MD21-01-0167	3.5–4	Qbt 3	Bis(2-chloroethyl)ether	0.86	mg/kg	U
East canyon	21-11257	MD21-01-0167	3.5–4	Qbt 3	Bis(2-ethylhexyl)phthalate	0.86	mg/kg	U
East canyon	21-11257	MD21-01-0167	3.5–4	Qbt 3	Bromophenyl-phenylether[4-]	0.86	mg/kg	U
East canyon	21-11257	MD21-01-0167	3.5–4	Qbt 3	Butylbenzylphthalate	0.86	mg/kg	U
East canyon	21-11257	MD21-01-0167	3.5–4	Qbt 3	Chloro-3-methylphenol[4-]	0.86	mg/kg	U
East canyon	21-11257	MD21-01-0167	3.5–4	Qbt 3	Chloroaniline[4-]	0.86	mg/kg	UJ
East canyon	21-11257	MD21-01-0167	3.5–4	Qbt 3	Chloronaphthalene[2-]	0.86	mg/kg	U
East canyon	21-11257	MD21-01-0167	3.5–4	Qbt 3	Chlorophenol[2-]	0.86	mg/kg	U
East canyon	21-11257	MD21-01-0167	3.5–4	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.86	mg/kg	U
East canyon	21-11257	MD21-01-0167	3.5–4	Qbt 3	Di-n-butylphthalate	0.86	mg/kg	U
East canyon	21-11257	MD21-01-0167	3.5–4	Qbt 3	Di-n-octylphthalate	0.86	mg/kg	U
East canyon	21-11257	MD21-01-0167	3.5–4	Qbt 3	Dibenzofuran	0.86	mg/kg	U
East canyon	21-11257	MD21-01-0167	3.5–4	Qbt 3	Dichlorobenzene[1,2-]	0.86	mg/kg	U
East canyon	21-11257	MD21-01-0167	3.5–4	Qbt 3	Dichlorobenzene[1,3-]	0.86	mg/kg	U
East canyon	21-11257	MD21-01-0167	3.5–4	Qbt 3	Dichlorobenzene[1,4-]	0.86	mg/kg	U
East canyon	21-11257	MD21-01-0167	3.5–4	Qbt 3	Dichlorobenzidine[3,3'-]	4.2	mg/kg	U
East canyon	21-11257	MD21-01-0167	3.5–4	Qbt 3	Dichlorophenol[2,4-]	0.86	mg/kg	U
East canyon	21-11257	MD21-01-0167	3.5–4	Qbt 3	Diethylphthalate	0.86	mg/kg	U
East canyon	21-11257	MD21-01-0167	3.5–4	Qbt 3	Dimethyl phthalate	0.86	mg/kg	U
East canyon	21-11257	MD21-01-0167	3.5–4	Qbt 3	Dimethylphenol[2,4-]	0.86	mg/kg	U
East canyon	21-11257	MD21-01-0167	3.5–4	Qbt 3	Dinitro-2-methylphenol[4,6-]	4.2	mg/kg	U
East canyon	21-11257	MD21-01-0167	3.5–4	Qbt 3	Dinitrophenol[2,4-]	4.2	mg/kg	U
East canyon	21-11257	MD21-01-0167	3.5–4	Qbt 3	Dinitrotoluene[2,4-]	0.86	mg/kg	U
East canyon	21-11257	MD21-01-0167	3.5–4	Qbt 3	Dinitrotoluene[2,6-]	0.86	mg/kg	U
East canyon	21-11257	MD21-01-0167	3.5–4	Qbt 3	Hexachlorobenzene	0.86	mg/kg	U
East canyon	21-11257	MD21-01-0167	3.5–4	Qbt 3	Hexachlorobutadiene	0.86	mg/kg	U
East canyon	21-11257	MD21-01-0167	3.5–4	Qbt 3	Hexachlorocyclopentadiene	4.2	mg/kg	U
East canyon	21-11257	MD21-01-0167	3.5–4	Qbt 3	Hexachloroethane	0.86	mg/kg	U
East canyon	21-11257	MD21-01-0167	3.5–4	Qbt 3	Indeno(1,2,3-cd)pyrene	0.86	mg/kg	U
East canyon	21-11257	MD21-01-0167	3.5–4	Qbt 3	Isophorone	0.86	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
East canyon	21-11257	MD21-01-0167	3.5–4	Qbt 3	Methylphenol[2-]	0.86	mg/kg	U
East canyon	21-11257	MD21-01-0167	3.5–4	Qbt 3	Methylphenol[4-]	0.86	mg/kg	U
East canyon	21-11257	MD21-01-0167	3.5–4	Qbt 3	Nitroaniline[2-]	4.2	mg/kg	U
East canyon	21-11257	MD21-01-0167	3.5–4	Qbt 3	Nitroaniline[3-]	4.2	mg/kg	UJ
East canyon	21-11257	MD21-01-0167	3.5–4	Qbt 3	Nitroaniline[4-]	4.2	mg/kg	UJ
East canyon	21-11257	MD21-01-0167	3.5–4	Qbt 3	Nitrobenzene	0.86	mg/kg	U
East canyon	21-11257	MD21-01-0167	3.5–4	Qbt 3	Nitrophenol[2-]	0.86	mg/kg	U
East canyon	21-11257	MD21-01-0167	3.5–4	Qbt 3	Nitrophenol[4-]	4.2	mg/kg	U
East canyon	21-11257	MD21-01-0167	3.5–4	Qbt 3	Nitroso-di-n-propylamine[N-]	0.86	mg/kg	U
East canyon	21-11257	MD21-01-0167	3.5–4	Qbt 3	Nitrosodimethylamine[N-]	0.86	mg/kg	U
East canyon	21-11257	MD21-01-0167	3.5–4	Qbt 3	Nitrosodiphenylamine[N-]	0.86	mg/kg	U
East canyon	21-11257	MD21-01-0167	3.5–4	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.86	mg/kg	U
East canyon	21-11257	MD21-01-0167	3.5–4	Qbt 3	Pentachlorophenol	4.2	mg/kg	U
East canyon	21-11257	MD21-01-0167	3.5–4	Qbt 3	Phenol	0.86	mg/kg	U
East canyon	21-11257	MD21-01-0167	3.5–4	Qbt 3	Trichlorobenzene[1,2,4-]	0.86	mg/kg	U
East canyon	21-11257	MD21-01-0167	3.5–4	Qbt 3	Trichlorophenol[2,4,5-]	0.86	mg/kg	U
East canyon	21-11257	MD21-01-0167	3.5–4	Qbt 3	Trichlorophenol[2,4,6-]	0.86	mg/kg	U
East canyon	21-11257	MD21-01-0167	3.5–4	Qbt 3	Trimethylbenzene[1,2,4-]	0.006	mg/kg	U
East canyon	21-11257	MD21-01-0167	3.5–4	Qbt 3	Trimethylbenzene[1,3,5-]	0.006	mg/kg	U
East canyon	21-11256	MD21-01-0168	10–10.75	Qbt 3	Aluminum	6080	mg/kg	None
East canyon	21-11256	MD21-01-0168	10–10.75	Qbt 3	Antimony	0.92	mg/kg	UJ
East canyon	21-11256	MD21-01-0168	10–10.75	Qbt 3	Arsenic	0.13	mg/kg	U
East canyon	21-11256	MD21-01-0168	10–10.75	Qbt 3	Barium	28.9	mg/kg	None
East canyon	21-11256	MD21-01-0168	10–10.75	Qbt 3	Beryllium	1	mg/kg	None
East canyon	21-11256	MD21-01-0168	10–10.75	Qbt 3	Cadmium	0.077	mg/kg	J
East canyon	21-11256	MD21-01-0168	10–10.75	Qbt 3	Calcium	804	mg/kg	None
East canyon	21-11256	MD21-01-0168	10–10.75	Qbt 3	Chromium, total	4.1	mg/kg	None
East canyon	21-11256	MD21-01-0168	10–10.75	Qbt 3	Cobalt	0.64	mg/kg	J
East canyon	21-11256	MD21-01-0168	10–10.75	Qbt 3	Copper	5.1	mg/kg	None
East canyon	21-11256	MD21-01-0168	10–10.75	Qbt 3	Iron	7280	mg/kg	None
East canyon	21-11256	MD21-01-0168	10–10.75	Qbt 3	Magnesium	641	mg/kg	None
East canyon	21-11256	MD21-01-0168	10–10.75	Qbt 3	Manganese	294	mg/kg	None
East canyon	21-11256	MD21-01-0168	10–10.75	Qbt 3	Mercury	0.02	mg/kg	U
East canyon	21-11256	MD21-01-0168	10–10.75	Qbt 3	Nickel	3.6	mg/kg	J
East canyon	21-11256	MD21-01-0168	10–10.75	Qbt 3	Potassium	699	mg/kg	None
East canyon	21-11256	MD21-01-0168	10–10.75	Qbt 3	Selenium	0.23	mg/kg	U
East canyon	21-11256	MD21-01-0168	10–10.75	Qbt 3	Silver	0.15	mg/kg	J
East canyon	21-11256	MD21-01-0168	10–10.75	Qbt 3	Sodium	103	mg/kg	U
East canyon	21-11256	MD21-01-0168	10–10.75	Qbt 3	Thallium	0.54	mg/kg	J

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
East canyon	21-11256	MD21-01-0168	10–10.75	Qbt 3	Vanadium	3.3	mg/kg	J
East canyon	21-11256	MD21-01-0168	10–10.75	Qbt 3	Zinc	43	mg/kg	None
East canyon	21-11256	MD21-01-0168	10–10.75	Qbt 3	Acenaphthylene	0.38	mg/kg	U
East canyon	21-11256	MD21-01-0168	10–10.75	Qbt 3	Aniline	0.38	mg/kg	U
East canyon	21-11256	MD21-01-0168	10–10.75	Qbt 3	Azobenzene	0.38	mg/kg	U
East canyon	21-11256	MD21-01-0168	10–10.75	Qbt 3	Benzo(g,h,i)perylene	0.38	mg/kg	U
East canyon	21-11256	MD21-01-0168	10–10.75	Qbt 3	Benzoic acid	1.9	mg/kg	U
East canyon	21-11256	MD21-01-0168	10–10.75	Qbt 3	Benzyl alcohol	0.38	mg/kg	U
East canyon	21-11256	MD21-01-0168	10–10.75	Qbt 3	Bis(2-chloroethoxy)methane	0.38	mg/kg	U
East canyon	21-11256	MD21-01-0168	10–10.75	Qbt 3	Bis(2-chloroethyl)ether	0.38	mg/kg	U
East canyon	21-11256	MD21-01-0168	10–10.75	Qbt 3	Bis(2-ethylhexyl)phthalate	0.38	mg/kg	U
East canyon	21-11256	MD21-01-0168	10–10.75	Qbt 3	Bromophenyl-phenylether[4-]	0.38	mg/kg	U
East canyon	21-11256	MD21-01-0168	10–10.75	Qbt 3	Butylbenzylphthalate	0.38	mg/kg	U
East canyon	21-11256	MD21-01-0168	10–10.75	Qbt 3	Chloro-3-methylphenol[4-]	0.38	mg/kg	U
East canyon	21-11256	MD21-01-0168	10–10.75	Qbt 3	Chloroaniline[4-]	0.38	mg/kg	UJ
East canyon	21-11256	MD21-01-0168	10–10.75	Qbt 3	Chloronaphthalene[2-]	0.38	mg/kg	U
East canyon	21-11256	MD21-01-0168	10–10.75	Qbt 3	Chlorophenol[2-]	0.38	mg/kg	U
East canyon	21-11256	MD21-01-0168	10–10.75	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.38	mg/kg	U
East canyon	21-11256	MD21-01-0168	10–10.75	Qbt 3	Di-n-butylphthalate	0.38	mg/kg	U
East canyon	21-11256	MD21-01-0168	10–10.75	Qbt 3	Di-n-octylphthalate	0.38	mg/kg	U
East canyon	21-11256	MD21-01-0168	10–10.75	Qbt 3	Dibenzofuran	0.38	mg/kg	U
East canyon	21-11256	MD21-01-0168	10–10.75	Qbt 3	Dichlorobenzene[1,2-]	0.38	mg/kg	U
East canyon	21-11256	MD21-01-0168	10–10.75	Qbt 3	Dichlorobenzene[1,3-]	0.38	mg/kg	U
East canyon	21-11256	MD21-01-0168	10–10.75	Qbt 3	Dichlorobenzene[1,4-]	0.38	mg/kg	U
East canyon	21-11256	MD21-01-0168	10–10.75	Qbt 3	Dichlorobenzidine[3,3'-]	1.9	mg/kg	U
East canyon	21-11256	MD21-01-0168	10–10.75	Qbt 3	Dichlorophenol[2,4-]	0.38	mg/kg	U
East canyon	21-11256	MD21-01-0168	10–10.75	Qbt 3	Diethylphthalate	0.38	mg/kg	U
East canyon	21-11256	MD21-01-0168	10–10.75	Qbt 3	Dimethyl phthalate	0.38	mg/kg	U
East canyon	21-11256	MD21-01-0168	10–10.75	Qbt 3	Dimethylphenol[2,4-]	0.38	mg/kg	U
East canyon	21-11256	MD21-01-0168	10–10.75	Qbt 3	Dinitro-2-methylphenol[4,6-]	1.9	mg/kg	U
East canyon	21-11256	MD21-01-0168	10–10.75	Qbt 3	Dinitrophenol[2,4-]	1.9	mg/kg	U
East canyon	21-11256	MD21-01-0168	10–10.75	Qbt 3	Dinitrotoluene[2,4-]	0.38	mg/kg	U
East canyon	21-11256	MD21-01-0168	10–10.75	Qbt 3	Dinitrotoluene[2,6-]	0.38	mg/kg	U
East canyon	21-11256	MD21-01-0168	10–10.75	Qbt 3	Hexachlorobenzene	0.38	mg/kg	U
East canyon	21-11256	MD21-01-0168	10–10.75	Qbt 3	Hexachlorobutadiene	0.38	mg/kg	U
East canyon	21-11256	MD21-01-0168	10–10.75	Qbt 3	Hexachlorocyclopentadiene	1.9	mg/kg	U
East canyon	21-11256	MD21-01-0168	10–10.75	Qbt 3	Hexachloroethane	0.38	mg/kg	U
East canyon	21-11256	MD21-01-0168	10–10.75	Qbt 3	Indeno(1,2,3-cd)pyrene	0.38	mg/kg	U
East canyon	21-11256	MD21-01-0168	10–10.75	Qbt 3	Isophorone	0.38	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
East canyon	21-11256	MD21-01-0168	10–10.75	Qbt 3	Methylphenol[2-]	0.38	mg/kg	U
East canyon	21-11256	MD21-01-0168	10–10.75	Qbt 3	Methylphenol[4-]	0.38	mg/kg	U
East canyon	21-11256	MD21-01-0168	10–10.75	Qbt 3	Nitroaniline[2-]	1.9	mg/kg	U
East canyon	21-11256	MD21-01-0168	10–10.75	Qbt 3	Nitroaniline[3-]	1.9	mg/kg	UJ
East canyon	21-11256	MD21-01-0168	10–10.75	Qbt 3	Nitroaniline[4-]	1.9	mg/kg	U
East canyon	21-11256	MD21-01-0168	10–10.75	Qbt 3	Nitrobenzene	0.38	mg/kg	U
East canyon	21-11256	MD21-01-0168	10–10.75	Qbt 3	Nitrophenol[2-]	0.38	mg/kg	U
East canyon	21-11256	MD21-01-0168	10–10.75	Qbt 3	Nitrophenol[4-]	1.9	mg/kg	U
East canyon	21-11256	MD21-01-0168	10–10.75	Qbt 3	Nitroso-di-n-propylamine[N-]	0.38	mg/kg	U
East canyon	21-11256	MD21-01-0168	10–10.75	Qbt 3	Nitrosodimethylamine[N-]	0.38	mg/kg	U
East canyon	21-11256	MD21-01-0168	10–10.75	Qbt 3	Nitrosodiphenylamine[N-]	0.38	mg/kg	U
East canyon	21-11256	MD21-01-0168	10–10.75	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.38	mg/kg	U
East canyon	21-11256	MD21-01-0168	10–10.75	Qbt 3	Pentachlorophenol	1.9	mg/kg	U
East canyon	21-11256	MD21-01-0168	10–10.75	Qbt 3	Phenol	0.38	mg/kg	U
East canyon	21-11256	MD21-01-0168	10–10.75	Qbt 3	Trichlorobenzene[1,2,4-]	0.38	mg/kg	U
East canyon	21-11256	MD21-01-0168	10–10.75	Qbt 3	Trichlorophenol[2,4,5-]	0.38	mg/kg	U
East canyon	21-11256	MD21-01-0168	10–10.75	Qbt 3	Trichlorophenol[2,4,6-]	0.38	mg/kg	U
East canyon	21-11256	MD21-01-0168	10–10.75	Qbt 3	Chlorobenzene	0.0052	mg/kg	U
East canyon	21-11256	MD21-01-0168	10–10.75	Qbt 3	Dichlorobenzene[1,4-]	0.0052	mg/kg	U
East canyon	21-11256	MD21-01-0168	10–10.75	Qbt 3	Dichloroethene[1,1-]	0.0052	mg/kg	U
East canyon	21-11256	MD21-01-0168	10–10.75	Qbt 3	Trichloroethene	0.0052	mg/kg	U
East canyon	21-11256	MD21-01-0168	10–10.75	Qbt 3	Trimethylbenzene[1,2,4-]	0.0052	mg/kg	U
East canyon	21-11256	MD21-01-0168	10–10.75	Qbt 3	Trimethylbenzene[1,3,5-]	0.0052	mg/kg	U
East canyon	21-11257	MD21-01-0169	7–8	Qbt 3	Aluminum	6160	mg/kg	None
East canyon	21-11257	MD21-01-0169	7–8	Qbt 3	Antimony	0.91	mg/kg	J-
East canyon	21-11257	MD21-01-0169	7–8	Qbt 3	Arsenic	0.29	mg/kg	J
East canyon	21-11257	MD21-01-0169	7–8	Qbt 3	Barium	31.7	mg/kg	None
East canyon	21-11257	MD21-01-0169	7–8	Qbt 3	Beryllium	1.3	mg/kg	None
East canyon	21-11257	MD21-01-0169	7–8	Qbt 3	Cadmium	0.073	mg/kg	U
East canyon	21-11257	MD21-01-0169	7–8	Qbt 3	Calcium	668	mg/kg	None
East canyon	21-11257	MD21-01-0169	7–8	Qbt 3	Chromium, total	5.1	mg/kg	None
East canyon	21-11257	MD21-01-0169	7–8	Qbt 3	Cobalt	0.67	mg/kg	J
East canyon	21-11257	MD21-01-0169	7–8	Qbt 3	Copper	4.5	mg/kg	None
East canyon	21-11257	MD21-01-0169	7–8	Qbt 3	Iron	7860	mg/kg	None
East canyon	21-11257	MD21-01-0169	7–8	Qbt 3	Magnesium	656	mg/kg	None
East canyon	21-11257	MD21-01-0169	7–8	Qbt 3	Manganese	248	mg/kg	None
East canyon	21-11257	MD21-01-0169	7–8	Qbt 3	Mercury	0.019	mg/kg	U
East canyon	21-11257	MD21-01-0169	7–8	Qbt 3	Nickel	4	mg/kg	J
East canyon	21-11257	MD21-01-0169	7–8	Qbt 3	Potassium	758	mg/kg	None

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
East canyon	21-11257	MD21-01-0169	7–8	Qbt 3	Selenium	0.62	mg/kg	None
East canyon	21-11257	MD21-01-0169	7–8	Qbt 3	Silver	0.036	mg/kg	U
East canyon	21-11257	MD21-01-0169	7–8	Qbt 3	Sodium	128	mg/kg	U
East canyon	21-11257	MD21-01-0169	7–8	Qbt 3	Thallium	0.026	mg/kg	J
East canyon	21-11257	MD21-01-0169	7–8	Qbt 3	Vanadium	4.2	mg/kg	J
East canyon	21-11257	MD21-01-0169	7–8	Qbt 3	Zinc	42.3	mg/kg	None
East canyon	21-11257	MD21-01-0169	7–8	Qbt 3	Acenaphthylene	0.38	mg/kg	U
East canyon	21-11257	MD21-01-0169	7–8	Qbt 3	Aniline	0.38	mg/kg	U
East canyon	21-11257	MD21-01-0169	7–8	Qbt 3	Azobenzene	0.38	mg/kg	U
East canyon	21-11257	MD21-01-0169	7–8	Qbt 3	Benzo(g,h,i)perylene	0.38	mg/kg	U
East canyon	21-11257	MD21-01-0169	7–8	Qbt 3	Benzoic acid	1.9	mg/kg	U
East canyon	21-11257	MD21-01-0169	7–8	Qbt 3	Benzyl alcohol	0.38	mg/kg	U
East canyon	21-11257	MD21-01-0169	7–8	Qbt 3	Bis(2-chloroethoxy)methane	0.38	mg/kg	U
East canyon	21-11257	MD21-01-0169	7–8	Qbt 3	Bis(2-chloroethyl)ether	0.38	mg/kg	U
East canyon	21-11257	MD21-01-0169	7–8	Qbt 3	Bis(2-ethylhexyl)phthalate	0.38	mg/kg	U
East canyon	21-11257	MD21-01-0169	7–8	Qbt 3	Bromophenyl-phenylether[4-]	0.38	mg/kg	U
East canyon	21-11257	MD21-01-0169	7–8	Qbt 3	Butylbenzylphthalate	0.38	mg/kg	U
East canyon	21-11257	MD21-01-0169	7–8	Qbt 3	Chloro-3-methylphenol[4-]	0.38	mg/kg	U
East canyon	21-11257	MD21-01-0169	7–8	Qbt 3	Chloroaniline[4-]	0.38	mg/kg	UJ
East canyon	21-11257	MD21-01-0169	7–8	Qbt 3	Chloronaphthalene[2-]	0.38	mg/kg	U
East canyon	21-11257	MD21-01-0169	7–8	Qbt 3	Chlorophenol[2-]	0.38	mg/kg	U
East canyon	21-11257	MD21-01-0169	7–8	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.38	mg/kg	U
East canyon	21-11257	MD21-01-0169	7–8	Qbt 3	Di-n-butylphthalate	0.38	mg/kg	U
East canyon	21-11257	MD21-01-0169	7–8	Qbt 3	Di-n-octylphthalate	0.38	mg/kg	U
East canyon	21-11257	MD21-01-0169	7–8	Qbt 3	Dibenzofuran	0.38	mg/kg	U
East canyon	21-11257	MD21-01-0169	7–8	Qbt 3	Dichlorobenzene[1,2-]	0.38	mg/kg	U
East canyon	21-11257	MD21-01-0169	7–8	Qbt 3	Dichlorobenzene[1,3-]	0.38	mg/kg	U
East canyon	21-11257	MD21-01-0169	7–8	Qbt 3	Dichlorobenzene[1,4-]	0.38	mg/kg	U
East canyon	21-11257	MD21-01-0169	7–8	Qbt 3	Dichlorobenzidine[3,3'-]	1.9	mg/kg	U
East canyon	21-11257	MD21-01-0169	7–8	Qbt 3	Dichlorophenol[2,4-]	0.38	mg/kg	U
East canyon	21-11257	MD21-01-0169	7–8	Qbt 3	Diethylphthalate	0.38	mg/kg	U
East canyon	21-11257	MD21-01-0169	7–8	Qbt 3	Dimethyl phthalate	0.38	mg/kg	U
East canyon	21-11257	MD21-01-0169	7–8	Qbt 3	Dimethylphenol[2,4-]	0.38	mg/kg	U
East canyon	21-11257	MD21-01-0169	7–8	Qbt 3	Dinitro-2-methylphenol[4,6-]	1.9	mg/kg	U
East canyon	21-11257	MD21-01-0169	7–8	Qbt 3	Dinitrophenol[2,4-]	1.9	mg/kg	U
East canyon	21-11257	MD21-01-0169	7–8	Qbt 3	Dinitrotoluene[2,4-]	0.38	mg/kg	U
East canyon	21-11257	MD21-01-0169	7–8	Qbt 3	Dinitrotoluene[2,6-]	0.38	mg/kg	U
East canyon	21-11257	MD21-01-0169	7–8	Qbt 3	Hexachlorobenzene	0.38	mg/kg	U
East canyon	21-11257	MD21-01-0169	7–8	Qbt 3	Hexachlorobutadiene	0.38	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
East canyon	21-11257	MD21-01-0169	7–8	Qbt 3	Hexachlorocyclopentadiene	1.9	mg/kg	U
East canyon	21-11257	MD21-01-0169	7–8	Qbt 3	Hexachloroethane	0.38	mg/kg	U
East canyon	21-11257	MD21-01-0169	7–8	Qbt 3	Indeno(1,2,3-cd)pyrene	0.38	mg/kg	U
East canyon	21-11257	MD21-01-0169	7–8	Qbt 3	Isophorone	0.38	mg/kg	U
East canyon	21-11257	MD21-01-0169	7–8	Qbt 3	Methylphenol[2-]	0.38	mg/kg	U
East canyon	21-11257	MD21-01-0169	7–8	Qbt 3	Methylphenol[4-]	0.38	mg/kg	U
East canyon	21-11257	MD21-01-0169	7–8	Qbt 3	Nitroaniline[2-]	1.9	mg/kg	U
East canyon	21-11257	MD21-01-0169	7–8	Qbt 3	Nitroaniline[3-]	1.9	mg/kg	UJ
East canyon	21-11257	MD21-01-0169	7–8	Qbt 3	Nitroaniline[4-]	1.9	mg/kg	U
East canyon	21-11257	MD21-01-0169	7–8	Qbt 3	Nitrobenzene	0.38	mg/kg	U
East canyon	21-11257	MD21-01-0169	7–8	Qbt 3	Nitrophenol[2-]	0.38	mg/kg	U
East canyon	21-11257	MD21-01-0169	7–8	Qbt 3	Nitrophenol[4-]	1.9	mg/kg	U
East canyon	21-11257	MD21-01-0169	7–8	Qbt 3	Nitroso-di-n-propylamine[N-]	0.38	mg/kg	U
East canyon	21-11257	MD21-01-0169	7–8	Qbt 3	Nitrosodimethylamine[N-]	0.38	mg/kg	U
East canyon	21-11257	MD21-01-0169	7–8	Qbt 3	Nitrosodiphenylamine[N-]	0.38	mg/kg	U
East canyon	21-11257	MD21-01-0169	7–8	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.38	mg/kg	U
East canyon	21-11257	MD21-01-0169	7–8	Qbt 3	Pentachlorophenol	1.9	mg/kg	U
East canyon	21-11257	MD21-01-0169	7–8	Qbt 3	Phenol	0.38	mg/kg	U
East canyon	21-11257	MD21-01-0169	7–8	Qbt 3	Trichlorobenzene[1,2,4-]	0.38	mg/kg	U
East canyon	21-11257	MD21-01-0169	7–8	Qbt 3	Trichlorophenol[2,4,5-]	0.38	mg/kg	U
East canyon	21-11257	MD21-01-0169	7–8	Qbt 3	Trichlorophenol[2,4,6-]	0.38	mg/kg	U
East canyon	21-11257	MD21-01-0169	7–8	Qbt 3	Trimethylbenzene[1,2,4-]	0.0058	mg/kg	U
East canyon	21-11257	MD21-01-0169	7–8	Qbt 3	Trimethylbenzene[1,3,5-]	0.0058	mg/kg	U
East canyon	21-11258	MD21-01-0170	1.5–2	Sediment	Aluminum	4730	mg/kg	None
East canyon	21-11258	MD21-01-0170	1.5–2	Sediment	Antimony	0.83	mg/kg	J-
East canyon	21-11258	MD21-01-0170	1.5–2	Sediment	Arsenic	0.38	mg/kg	J
East canyon	21-11258	MD21-01-0170	1.5–2	Sediment	Barium	84.1	mg/kg	None
East canyon	21-11258	MD21-01-0170	1.5–2	Sediment	Beryllium	0.47	mg/kg	J
East canyon	21-11258	MD21-01-0170	1.5–2	Sediment	Cadmium	0.067	mg/kg	U
East canyon	21-11258	MD21-01-0170	1.5–2	Sediment	Calcium	1880	mg/kg	None
East canyon	21-11258	MD21-01-0170	1.5–2	Sediment	Chromium, total	5.1	mg/kg	None
East canyon	21-11258	MD21-01-0170	1.5–2	Sediment	Cobalt	2.8	mg/kg	J
East canyon	21-11258	MD21-01-0170	1.5–2	Sediment	Copper	4	mg/kg	None
East canyon	21-11258	MD21-01-0170	1.5–2	Sediment	Iron	7450	mg/kg	None
East canyon	21-11258	MD21-01-0170	1.5–2	Sediment	Magnesium	845	mg/kg	None
East canyon	21-11258	MD21-01-0170	1.5–2	Sediment	Manganese	318	mg/kg	None
East canyon	21-11258	MD21-01-0170	1.5–2	Sediment	Mercury	0.018	mg/kg	U
East canyon	21-11258	MD21-01-0170	1.5–2	Sediment	Nickel	4	mg/kg	J
East canyon	21-11258	MD21-01-0170	1.5–2	Sediment	Potassium	942	mg/kg	None

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
East canyon	21-11258	MD21-01-0170	1.5–2	Sediment	Selenium	0.21	mg/kg	U
East canyon	21-11258	MD21-01-0170	1.5–2	Sediment	Silver	0.033	mg/kg	U
East canyon	21-11258	MD21-01-0170	1.5–2	Sediment	Sodium	318	mg/kg	J
East canyon	21-11258	MD21-01-0170	1.5–2	Sediment	Thallium	0.012	mg/kg	U
East canyon	21-11258	MD21-01-0170	1.5–2	Sediment	Vanadium	9.6	mg/kg	None
East canyon	21-11258	MD21-01-0170	1.5–2	Sediment	Zinc	30.5	mg/kg	None
East canyon	21-11258	MD21-01-0170	1.5–2	Sediment	Acenaphthylene	0.35	mg/kg	U
East canyon	21-11258	MD21-01-0170	1.5–2	Sediment	Aniline	0.35	mg/kg	U
East canyon	21-11258	MD21-01-0170	1.5–2	Sediment	Azobenzene	0.35	mg/kg	U
East canyon	21-11258	MD21-01-0170	1.5–2	Sediment	Benzo(g,h,i)perylene	0.35	mg/kg	U
East canyon	21-11258	MD21-01-0170	1.5–2	Sediment	Benzoic acid	1.7	mg/kg	U
East canyon	21-11258	MD21-01-0170	1.5–2	Sediment	Benzyl alcohol	0.35	mg/kg	U
East canyon	21-11258	MD21-01-0170	1.5–2	Sediment	Bis(2-chloroethoxy)methane	0.35	mg/kg	U
East canyon	21-11258	MD21-01-0170	1.5–2	Sediment	Bis(2-chloroethyl)ether	0.35	mg/kg	U
East canyon	21-11258	MD21-01-0170	1.5–2	Sediment	Bis(2-ethylhexyl)phthalate	0.35	mg/kg	U
East canyon	21-11258	MD21-01-0170	1.5–2	Sediment	Bromophenyl-phenylether[4-]	0.35	mg/kg	U
East canyon	21-11258	MD21-01-0170	1.5–2	Sediment	Butylbenzylphthalate	0.35	mg/kg	U
East canyon	21-11258	MD21-01-0170	1.5–2	Sediment	Chloro-3-methylphenol[4-]	0.35	mg/kg	U
East canyon	21-11258	MD21-01-0170	1.5–2	Sediment	Chloroaniline[4-]	0.35	mg/kg	UJ
East canyon	21-11258	MD21-01-0170	1.5–2	Sediment	Chloronaphthalene[2-]	0.35	mg/kg	U
East canyon	21-11258	MD21-01-0170	1.5–2	Sediment	Chlorophenol[2-]	0.35	mg/kg	U
East canyon	21-11258	MD21-01-0170	1.5–2	Sediment	Chlorophenyl-phenyl[4-] ether	0.35	mg/kg	U
East canyon	21-11258	MD21-01-0170	1.5–2	Sediment	Di-n-butylphthalate	0.35	mg/kg	U
East canyon	21-11258	MD21-01-0170	1.5–2	Sediment	Di-n-octylphthalate	0.35	mg/kg	U
East canyon	21-11258	MD21-01-0170	1.5–2	Sediment	Dibenzofuran	0.35	mg/kg	U
East canyon	21-11258	MD21-01-0170	1.5–2	Sediment	Dichlorobenzene[1,2-]	0.35	mg/kg	U
East canyon	21-11258	MD21-01-0170	1.5–2	Sediment	Dichlorobenzene[1,3-]	0.35	mg/kg	U
East canyon	21-11258	MD21-01-0170	1.5–2	Sediment	Dichlorobenzene[1,4-]	0.35	mg/kg	U
East canyon	21-11258	MD21-01-0170	1.5–2	Sediment	Dichlorobenzidine[3,3'-]	1.7	mg/kg	U
East canyon	21-11258	MD21-01-0170	1.5–2	Sediment	Dichlorophenol[2,4-]	0.35	mg/kg	U
East canyon	21-11258	MD21-01-0170	1.5–2	Sediment	Diethylphthalate	0.35	mg/kg	U
East canyon	21-11258	MD21-01-0170	1.5–2	Sediment	Dimethyl phthalate	0.35	mg/kg	U
East canyon	21-11258	MD21-01-0170	1.5–2	Sediment	Dimethylphenol[2,4-]	0.35	mg/kg	U
East canyon	21-11258	MD21-01-0170	1.5–2	Sediment	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
East canyon	21-11258	MD21-01-0170	1.5–2	Sediment	Dinitrophenol[2,4-]	1.7	mg/kg	U
East canyon	21-11258	MD21-01-0170	1.5–2	Sediment	Dinitrotoluene[2,4-]	0.35	mg/kg	U
East canyon	21-11258	MD21-01-0170	1.5–2	Sediment	Dinitrotoluene[2,6-]	0.35	mg/kg	U
East canyon	21-11258	MD21-01-0170	1.5–2	Sediment	Hexachlorobenzene	0.35	mg/kg	U
East canyon	21-11258	MD21-01-0170	1.5–2	Sediment	Hexachlorobutadiene	0.35	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
East canyon	21-11258	MD21-01-0170	1.5–2	Sediment	Hexachlorocyclopentadiene	1.7	mg/kg	U
East canyon	21-11258	MD21-01-0170	1.5–2	Sediment	Hexachloroethane	0.35	mg/kg	U
East canyon	21-11258	MD21-01-0170	1.5–2	Sediment	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	U
East canyon	21-11258	MD21-01-0170	1.5–2	Sediment	Isophorone	0.35	mg/kg	U
East canyon	21-11258	MD21-01-0170	1.5–2	Sediment	Methylphenol[2-]	0.35	mg/kg	U
East canyon	21-11258	MD21-01-0170	1.5–2	Sediment	Methylphenol[4-]	0.35	mg/kg	U
East canyon	21-11258	MD21-01-0170	1.5–2	Sediment	Nitroaniline[2-]	1.7	mg/kg	U
East canyon	21-11258	MD21-01-0170	1.5–2	Sediment	Nitroaniline[3-]	1.7	mg/kg	UJ
East canyon	21-11258	MD21-01-0170	1.5–2	Sediment	Nitroaniline[4-]	1.7	mg/kg	U
East canyon	21-11258	MD21-01-0170	1.5–2	Sediment	Nitrobenzene	0.35	mg/kg	U
East canyon	21-11258	MD21-01-0170	1.5–2	Sediment	Nitrophenol[2-]	0.35	mg/kg	U
East canyon	21-11258	MD21-01-0170	1.5–2	Sediment	Nitrophenol[4-]	1.7	mg/kg	U
East canyon	21-11258	MD21-01-0170	1.5–2	Sediment	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	U
East canyon	21-11258	MD21-01-0170	1.5–2	Sediment	Nitrosodimethylamine[N-]	0.35	mg/kg	U
East canyon	21-11258	MD21-01-0170	1.5–2	Sediment	Nitrosodiphenylamine[N-]	0.35	mg/kg	U
East canyon	21-11258	MD21-01-0170	1.5–2	Sediment	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	U
East canyon	21-11258	MD21-01-0170	1.5–2	Sediment	Pentachlorophenol	1.7	mg/kg	U
East canyon	21-11258	MD21-01-0170	1.5–2	Sediment	Phenol	0.35	mg/kg	U
East canyon	21-11258	MD21-01-0170	1.5–2	Sediment	Trichlorobenzene[1,2,4-]	0.35	mg/kg	U
East canyon	21-11258	MD21-01-0170	1.5–2	Sediment	Trichlorophenol[2,4,5-]	0.35	mg/kg	U
East canyon	21-11258	MD21-01-0170	1.5–2	Sediment	Trichlorophenol[2,4,6-]	0.35	mg/kg	U
East canyon	21-11258	MD21-01-0170	1.5–2	Sediment	Trimethylbenzene[1,2,4-]	0.007	mg/kg	UJ
East canyon	21-11258	MD21-01-0170	1.5–2	Sediment	Trimethylbenzene[1,3,5-]	0.007	mg/kg	UJ
East canyon	21-11258	MD21-01-0171	3.5–4	Qbt 3	Aluminum	3680	mg/kg	None
East canyon	21-11258	MD21-01-0171	3.5–4	Qbt 3	Antimony	0.88	mg/kg	UJ
East canyon	21-11258	MD21-01-0171	3.5–4	Qbt 3	Arsenic	0.26	mg/kg	J
East canyon	21-11258	MD21-01-0171	3.5–4	Qbt 3	Barium	25.6	mg/kg	None
East canyon	21-11258	MD21-01-0171	3.5–4	Qbt 3	Beryllium	0.54	mg/kg	J
East canyon	21-11258	MD21-01-0171	3.5–4	Qbt 3	Cadmium	0.07	mg/kg	U
East canyon	21-11258	MD21-01-0171	3.5–4	Qbt 3	Calcium	1270	mg/kg	None
East canyon	21-11258	MD21-01-0171	3.5–4	Qbt 3	Chromium, total	3.2	mg/kg	None
East canyon	21-11258	MD21-01-0171	3.5–4	Qbt 3	Cobalt	1.2	mg/kg	J
East canyon	21-11258	MD21-01-0171	3.5–4	Qbt 3	Copper	3.5	mg/kg	None
East canyon	21-11258	MD21-01-0171	3.5–4	Qbt 3	Iron	5190	mg/kg	None
East canyon	21-11258	MD21-01-0171	3.5–4	Qbt 3	Magnesium	402	mg/kg	J
East canyon	21-11258	MD21-01-0171	3.5–4	Qbt 3	Manganese	236	mg/kg	None
East canyon	21-11258	MD21-01-0171	3.5–4	Qbt 3	Mercury	0.019	mg/kg	U
East canyon	21-11258	MD21-01-0171	3.5–4	Qbt 3	Nickel	2.8	mg/kg	J
East canyon	21-11258	MD21-01-0171	3.5–4	Qbt 3	Potassium	698	mg/kg	None

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
East canyon	21-11258	MD21-01-0171	3.5–4	Qbt 3	Selenium	0.85	mg/kg	None
East canyon	21-11258	MD21-01-0171	3.5–4	Qbt 3	Silver	0.035	mg/kg	U
East canyon	21-11258	MD21-01-0171	3.5–4	Qbt 3	Sodium	682	mg/kg	None
East canyon	21-11258	MD21-01-0171	3.5–4	Qbt 3	Thallium	0.012	mg/kg	U
East canyon	21-11258	MD21-01-0171	3.5–4	Qbt 3	Vanadium	4.2	mg/kg	J
East canyon	21-11258	MD21-01-0171	3.5–4	Qbt 3	Zinc	30.2	mg/kg	None
East canyon	21-11258	MD21-01-0171	3.5–4	Qbt 3	Acenaphthylene	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0171	3.5–4	Qbt 3	Aniline	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0171	3.5–4	Qbt 3	Azobenzene	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0171	3.5–4	Qbt 3	Benzo(g,h,i)perylene	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0171	3.5–4	Qbt 3	Benzoic acid	1.8	mg/kg	U
East canyon	21-11258	MD21-01-0171	3.5–4	Qbt 3	Benzyl alcohol	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0171	3.5–4	Qbt 3	Bis(2-chloroethoxy)methane	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0171	3.5–4	Qbt 3	Bis(2-chloroethyl)ether	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0171	3.5–4	Qbt 3	Bis(2-ethylhexyl)phthalate	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0171	3.5–4	Qbt 3	Bromophenyl-phenylether[4-]	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0171	3.5–4	Qbt 3	Butylbenzylphthalate	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0171	3.5–4	Qbt 3	Chloro-3-methylphenol[4-]	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0171	3.5–4	Qbt 3	Chloroaniline[4-]	0.37	mg/kg	UJ
East canyon	21-11258	MD21-01-0171	3.5–4	Qbt 3	Chloronaphthalene[2-]	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0171	3.5–4	Qbt 3	Chlorophenol[2-]	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0171	3.5–4	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0171	3.5–4	Qbt 3	Di-n-butylphthalate	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0171	3.5–4	Qbt 3	Di-n-octylphthalate	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0171	3.5–4	Qbt 3	Dibenzofuran	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0171	3.5–4	Qbt 3	Dichlorobenzene[1,2-]	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0171	3.5–4	Qbt 3	Dichlorobenzene[1,3-]	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0171	3.5–4	Qbt 3	Dichlorobenzene[1,4-]	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0171	3.5–4	Qbt 3	Dichlorobenzidine[3,3'-]	1.8	mg/kg	U
East canyon	21-11258	MD21-01-0171	3.5–4	Qbt 3	Dichlorophenol[2,4-]	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0171	3.5–4	Qbt 3	Diethylphthalate	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0171	3.5–4	Qbt 3	Dimethyl phthalate	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0171	3.5–4	Qbt 3	Dimethylphenol[2,4-]	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0171	3.5–4	Qbt 3	Dinitro-2-methylphenol[4,6-]	1.8	mg/kg	U
East canyon	21-11258	MD21-01-0171	3.5–4	Qbt 3	Dinitrophenol[2,4-]	1.8	mg/kg	U
East canyon	21-11258	MD21-01-0171	3.5–4	Qbt 3	Dinitrotoluene[2,4-]	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0171	3.5–4	Qbt 3	Dinitrotoluene[2,6-]	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0171	3.5–4	Qbt 3	Hexachlorobenzene	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0171	3.5–4	Qbt 3	Hexachlorobutadiene	0.37	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
East canyon	21-11258	MD21-01-0171	3.5–4	Qbt 3	Hexachlorocyclopentadiene	1.8	mg/kg	U
East canyon	21-11258	MD21-01-0171	3.5–4	Qbt 3	Hexachloroethane	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0171	3.5–4	Qbt 3	Indeno(1,2,3-cd)pyrene	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0171	3.5–4	Qbt 3	Isophorone	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0171	3.5–4	Qbt 3	Methylphenol[2-]	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0171	3.5–4	Qbt 3	Methylphenol[4-]	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0171	3.5–4	Qbt 3	Nitroaniline[2-]	1.8	mg/kg	U
East canyon	21-11258	MD21-01-0171	3.5–4	Qbt 3	Nitroaniline[3-]	1.8	mg/kg	UJ
East canyon	21-11258	MD21-01-0171	3.5–4	Qbt 3	Nitroaniline[4-]	1.8	mg/kg	U
East canyon	21-11258	MD21-01-0171	3.5–4	Qbt 3	Nitrobenzene	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0171	3.5–4	Qbt 3	Nitrophenol[2-]	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0171	3.5–4	Qbt 3	Nitrophenol[4-]	1.8	mg/kg	U
East canyon	21-11258	MD21-01-0171	3.5–4	Qbt 3	Nitroso-di-n-propylamine[N-]	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0171	3.5–4	Qbt 3	Nitrosodimethylamine[N-]	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0171	3.5–4	Qbt 3	Nitrosodiphenylamine[N-]	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0171	3.5–4	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0171	3.5–4	Qbt 3	Pentachlorophenol	1.8	mg/kg	U
East canyon	21-11258	MD21-01-0171	3.5–4	Qbt 3	Phenol	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0171	3.5–4	Qbt 3	Trichlorobenzene[1,2,4-]	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0171	3.5–4	Qbt 3	Trichlorophenol[2,4,5-]	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0171	3.5–4	Qbt 3	Trichlorophenol[2,4,6-]	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0171	3.5–4	Qbt 3	Trimethylbenzene[1,2,4-]	0.006	mg/kg	UJ
East canyon	21-11258	MD21-01-0171	3.5–4	Qbt 3	Trimethylbenzene[1,3,5-]	0.006	mg/kg	UJ
East canyon	21-11258	MD21-01-0172	5.5–6	Qbt 3	Aluminum	2350	mg/kg	None
East canyon	21-11258	MD21-01-0172	5.5–6	Qbt 3	Antimony	0.87	mg/kg	UJ
East canyon	21-11258	MD21-01-0172	5.5–6	Qbt 3	Arsenic	0.12	mg/kg	U
East canyon	21-11258	MD21-01-0172	5.5–6	Qbt 3	Barium	11.8	mg/kg	J
East canyon	21-11258	MD21-01-0172	5.5–6	Qbt 3	Beryllium	0.17	mg/kg	J
East canyon	21-11258	MD21-01-0172	5.5–6	Qbt 3	Cadmium	0.07	mg/kg	U
East canyon	21-11258	MD21-01-0172	5.5–6	Qbt 3	Calcium	409	mg/kg	J
East canyon	21-11258	MD21-01-0172	5.5–6	Qbt 3	Chromium, total	2.5	mg/kg	None
East canyon	21-11258	MD21-01-0172	5.5–6	Qbt 3	Cobalt	0.68	mg/kg	J
East canyon	21-11258	MD21-01-0172	5.5–6	Qbt 3	Copper	2.9	mg/kg	None
East canyon	21-11258	MD21-01-0172	5.5–6	Qbt 3	Iron	3170	mg/kg	None
East canyon	21-11258	MD21-01-0172	5.5–6	Qbt 3	Magnesium	227	mg/kg	J
East canyon	21-11258	MD21-01-0172	5.5–6	Qbt 3	Manganese	59.8	mg/kg	None
East canyon	21-11258	MD21-01-0172	5.5–6	Qbt 3	Mercury	0.019	mg/kg	U
East canyon	21-11258	MD21-01-0172	5.5–6	Qbt 3	Nickel	1.2	mg/kg	J
East canyon	21-11258	MD21-01-0172	5.5–6	Qbt 3	Potassium	529	mg/kg	J

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
East canyon	21-11258	MD21-01-0172	5.5–6	Qbt 3	Selenium	0.28	mg/kg	J
East canyon	21-11258	MD21-01-0172	5.5–6	Qbt 3	Silver	0.035	mg/kg	U
East canyon	21-11258	MD21-01-0172	5.5–6	Qbt 3	Sodium	293	mg/kg	J
East canyon	21-11258	MD21-01-0172	5.5–6	Qbt 3	Thallium	0.012	mg/kg	U
East canyon	21-11258	MD21-01-0172	5.5–6	Qbt 3	Vanadium	3.9	mg/kg	U
East canyon	21-11258	MD21-01-0172	5.5–6	Qbt 3	Zinc	33.3	mg/kg	None
East canyon	21-11258	MD21-01-0172	5.5–6	Qbt 3	Acenaphthylene	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0172	5.5–6	Qbt 3	Aniline	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0172	5.5–6	Qbt 3	Azobenzene	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0172	5.5–6	Qbt 3	Benzo(g,h,i)perylene	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0172	5.5–6	Qbt 3	Benzoic acid	1.8	mg/kg	U
East canyon	21-11258	MD21-01-0172	5.5–6	Qbt 3	Benzyl alcohol	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0172	5.5–6	Qbt 3	Bis(2-chloroethoxy)methane	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0172	5.5–6	Qbt 3	Bis(2-chloroethyl)ether	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0172	5.5–6	Qbt 3	Bis(2-ethylhexyl)phthalate	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0172	5.5–6	Qbt 3	Bromophenyl-phenylether[4-]	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0172	5.5–6	Qbt 3	Butylbenzylphthalate	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0172	5.5–6	Qbt 3	Chloro-3-methylphenol[4-]	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0172	5.5–6	Qbt 3	Chloroaniline[4-]	0.37	mg/kg	UJ
East canyon	21-11258	MD21-01-0172	5.5–6	Qbt 3	Chloronaphthalene[2-]	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0172	5.5–6	Qbt 3	Chlorophenol[2-]	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0172	5.5–6	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0172	5.5–6	Qbt 3	Di-n-butylphthalate	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0172	5.5–6	Qbt 3	Di-n-octylphthalate	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0172	5.5–6	Qbt 3	Dibenzofuran	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0172	5.5–6	Qbt 3	Dichlorobenzene[1,2-]	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0172	5.5–6	Qbt 3	Dichlorobenzene[1,3-]	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0172	5.5–6	Qbt 3	Dichlorobenzene[1,4-]	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0172	5.5–6	Qbt 3	Dichlorobenzidine[3,3'-]	1.8	mg/kg	U
East canyon	21-11258	MD21-01-0172	5.5–6	Qbt 3	Dichlorophenol[2,4-]	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0172	5.5–6	Qbt 3	Diethylphthalate	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0172	5.5–6	Qbt 3	Dimethyl phthalate	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0172	5.5–6	Qbt 3	Dimethylphenol[2,4-]	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0172	5.5–6	Qbt 3	Dinitro-2-methylphenol[4,6-]	1.8	mg/kg	U
East canyon	21-11258	MD21-01-0172	5.5–6	Qbt 3	Dinitrophenol[2,4-]	1.8	mg/kg	U
East canyon	21-11258	MD21-01-0172	5.5–6	Qbt 3	Dinitrotoluene[2,4-]	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0172	5.5–6	Qbt 3	Dinitrotoluene[2,6-]	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0172	5.5–6	Qbt 3	Hexachlorobenzene	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0172	5.5–6	Qbt 3	Hexachlorobutadiene	0.37	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
East canyon	21-11258	MD21-01-0172	5.5–6	Qbt 3	Hexachlorocyclopentadiene	1.8	mg/kg	U
East canyon	21-11258	MD21-01-0172	5.5–6	Qbt 3	Hexachloroethane	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0172	5.5–6	Qbt 3	Indeno(1,2,3-cd)pyrene	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0172	5.5–6	Qbt 3	Isophorone	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0172	5.5–6	Qbt 3	Methylphenol[2-]	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0172	5.5–6	Qbt 3	Methylphenol[4-]	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0172	5.5–6	Qbt 3	Nitroaniline[2-]	1.8	mg/kg	U
East canyon	21-11258	MD21-01-0172	5.5–6	Qbt 3	Nitroaniline[3-]	1.8	mg/kg	UJ
East canyon	21-11258	MD21-01-0172	5.5–6	Qbt 3	Nitroaniline[4-]	1.8	mg/kg	U
East canyon	21-11258	MD21-01-0172	5.5–6	Qbt 3	Nitrobenzene	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0172	5.5–6	Qbt 3	Nitrophenol[2-]	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0172	5.5–6	Qbt 3	Nitrophenol[4-]	1.8	mg/kg	U
East canyon	21-11258	MD21-01-0172	5.5–6	Qbt 3	Nitroso-di-n-propylamine[N-]	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0172	5.5–6	Qbt 3	Nitrosodimethylamine[N-]	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0172	5.5–6	Qbt 3	Nitrosodiphenylamine[N-]	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0172	5.5–6	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0172	5.5–6	Qbt 3	Pentachlorophenol	1.8	mg/kg	U
East canyon	21-11258	MD21-01-0172	5.5–6	Qbt 3	Phenol	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0172	5.5–6	Qbt 3	Trichlorobenzene[1,2,4-]	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0172	5.5–6	Qbt 3	Trichlorophenol[2,4,5-]	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0172	5.5–6	Qbt 3	Trichlorophenol[2,4,6-]	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0172	5.5–6	Qbt 3	Trimethylbenzene[1,2,4-]	0.0058	mg/kg	UJ
East canyon	21-11258	MD21-01-0172	5.5–6	Qbt 3	Trimethylbenzene[1,3,5-]	0.0058	mg/kg	UJ
East canyon	21-11258	MD21-01-0173	7.5–8	Qbt 3	Aluminum	2190	mg/kg	None
East canyon	21-11258	MD21-01-0173	7.5–8	Qbt 3	Antimony	1	mg/kg	UJ
East canyon	21-11258	MD21-01-0173	7.5–8	Qbt 3	Arsenic	0.26	mg/kg	J
East canyon	21-11258	MD21-01-0173	7.5–8	Qbt 3	Barium	9	mg/kg	J
East canyon	21-11258	MD21-01-0173	7.5–8	Qbt 3	Beryllium	0.25	mg/kg	J
East canyon	21-11258	MD21-01-0173	7.5–8	Qbt 3	Cadmium	0.082	mg/kg	U
East canyon	21-11258	MD21-01-0173	7.5–8	Qbt 3	Calcium	333	mg/kg	J
East canyon	21-11258	MD21-01-0173	7.5–8	Qbt 3	Chromium, total	2.4	mg/kg	None
East canyon	21-11258	MD21-01-0173	7.5–8	Qbt 3	Cobalt	0.65	mg/kg	J
East canyon	21-11258	MD21-01-0173	7.5–8	Qbt 3	Copper	1.9	mg/kg	J
East canyon	21-11258	MD21-01-0173	7.5–8	Qbt 3	Iron	4940	mg/kg	None
East canyon	21-11258	MD21-01-0173	7.5–8	Qbt 3	Magnesium	163	mg/kg	J
East canyon	21-11258	MD21-01-0173	7.5–8	Qbt 3	Manganese	72.3	mg/kg	None
East canyon	21-11258	MD21-01-0173	7.5–8	Qbt 3	Mercury	0.022	mg/kg	U
East canyon	21-11258	MD21-01-0173	7.5–8	Qbt 3	Nickel	1.4	mg/kg	J
East canyon	21-11258	MD21-01-0173	7.5–8	Qbt 3	Potassium	550	mg/kg	J

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
East canyon	21-11258	MD21-01-0173	7.5–8	Qbt 3	Selenium	0.26	mg/kg	U
East canyon	21-11258	MD21-01-0173	7.5–8	Qbt 3	Silver	0.041	mg/kg	U
East canyon	21-11258	MD21-01-0173	7.5–8	Qbt 3	Sodium	174	mg/kg	J
East canyon	21-11258	MD21-01-0173	7.5–8	Qbt 3	Thallium	0.014	mg/kg	U
East canyon	21-11258	MD21-01-0173	7.5–8	Qbt 3	Vanadium	3.1	mg/kg	J
East canyon	21-11258	MD21-01-0173	7.5–8	Qbt 3	Zinc	36.5	mg/kg	None
East canyon	21-11258	MD21-01-0173	7.5–8	Qbt 3	Acenaphthylene	0.43	mg/kg	U
East canyon	21-11258	MD21-01-0173	7.5–8	Qbt 3	Aniline	0.43	mg/kg	U
East canyon	21-11258	MD21-01-0173	7.5–8	Qbt 3	Azobenzene	0.43	mg/kg	U
East canyon	21-11258	MD21-01-0173	7.5–8	Qbt 3	Benzo(g,h,i)perylene	0.43	mg/kg	U
East canyon	21-11258	MD21-01-0173	7.5–8	Qbt 3	Benzoic acid	2.1	mg/kg	U
East canyon	21-11258	MD21-01-0173	7.5–8	Qbt 3	Benzyl alcohol	0.43	mg/kg	U
East canyon	21-11258	MD21-01-0173	7.5–8	Qbt 3	Bis(2-chloroethoxy)methane	0.43	mg/kg	U
East canyon	21-11258	MD21-01-0173	7.5–8	Qbt 3	Bis(2-chloroethyl)ether	0.43	mg/kg	U
East canyon	21-11258	MD21-01-0173	7.5–8	Qbt 3	Bis(2-ethylhexyl)phthalate	0.43	mg/kg	U
East canyon	21-11258	MD21-01-0173	7.5–8	Qbt 3	Bromophenyl-phenylether[4-]	0.43	mg/kg	U
East canyon	21-11258	MD21-01-0173	7.5–8	Qbt 3	Butylbenzylphthalate	0.43	mg/kg	U
East canyon	21-11258	MD21-01-0173	7.5–8	Qbt 3	Chloro-3-methylphenol[4-]	0.43	mg/kg	U
East canyon	21-11258	MD21-01-0173	7.5–8	Qbt 3	Chloroaniline[4-]	0.43	mg/kg	UJ
East canyon	21-11258	MD21-01-0173	7.5–8	Qbt 3	Chloronaphthalene[2-]	0.43	mg/kg	U
East canyon	21-11258	MD21-01-0173	7.5–8	Qbt 3	Chlorophenol[2-]	0.43	mg/kg	U
East canyon	21-11258	MD21-01-0173	7.5–8	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.43	mg/kg	U
East canyon	21-11258	MD21-01-0173	7.5–8	Qbt 3	Di-n-butylphthalate	0.43	mg/kg	U
East canyon	21-11258	MD21-01-0173	7.5–8	Qbt 3	Di-n-octylphthalate	0.43	mg/kg	U
East canyon	21-11258	MD21-01-0173	7.5–8	Qbt 3	Dibenzofuran	0.43	mg/kg	U
East canyon	21-11258	MD21-01-0173	7.5–8	Qbt 3	Dichlorobenzene[1,2-]	0.43	mg/kg	U
East canyon	21-11258	MD21-01-0173	7.5–8	Qbt 3	Dichlorobenzene[1,3-]	0.43	mg/kg	U
East canyon	21-11258	MD21-01-0173	7.5–8	Qbt 3	Dichlorobenzene[1,4-]	0.43	mg/kg	U
East canyon	21-11258	MD21-01-0173	7.5–8	Qbt 3	Dichlorobenzidine[3,3'-]	2.1	mg/kg	U
East canyon	21-11258	MD21-01-0173	7.5–8	Qbt 3	Dichlorophenol[2,4-]	0.43	mg/kg	U
East canyon	21-11258	MD21-01-0173	7.5–8	Qbt 3	Diethylphthalate	0.43	mg/kg	U
East canyon	21-11258	MD21-01-0173	7.5–8	Qbt 3	Dimethyl phthalate	0.43	mg/kg	U
East canyon	21-11258	MD21-01-0173	7.5–8	Qbt 3	Dimethylphenol[2,4-]	0.43	mg/kg	U
East canyon	21-11258	MD21-01-0173	7.5–8	Qbt 3	Dinitro-2-methylphenol[4,6-]	2.1	mg/kg	U
East canyon	21-11258	MD21-01-0173	7.5–8	Qbt 3	Dinitrophenol[2,4-]	2.1	mg/kg	U
East canyon	21-11258	MD21-01-0173	7.5–8	Qbt 3	Dinitrotoluene[2,4-]	0.43	mg/kg	U
East canyon	21-11258	MD21-01-0173	7.5–8	Qbt 3	Dinitrotoluene[2,6-]	0.43	mg/kg	U
East canyon	21-11258	MD21-01-0173	7.5–8	Qbt 3	Hexachlorobenzene	0.43	mg/kg	U
East canyon	21-11258	MD21-01-0173	7.5–8	Qbt 3	Hexachlorobutadiene	0.43	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
East canyon	21-11258	MD21-01-0173	7.5–8	Qbt 3	Hexachlorocyclopentadiene	2.1	mg/kg	U
East canyon	21-11258	MD21-01-0173	7.5–8	Qbt 3	Hexachloroethane	0.43	mg/kg	U
East canyon	21-11258	MD21-01-0173	7.5–8	Qbt 3	Indeno(1,2,3-cd)pyrene	0.43	mg/kg	U
East canyon	21-11258	MD21-01-0173	7.5–8	Qbt 3	Isophorone	0.43	mg/kg	U
East canyon	21-11258	MD21-01-0173	7.5–8	Qbt 3	Methylphenol[2-]	0.43	mg/kg	U
East canyon	21-11258	MD21-01-0173	7.5–8	Qbt 3	Methylphenol[4-]	0.43	mg/kg	U
East canyon	21-11258	MD21-01-0173	7.5–8	Qbt 3	Nitroaniline[2-]	2.1	mg/kg	U
East canyon	21-11258	MD21-01-0173	7.5–8	Qbt 3	Nitroaniline[3-]	2.1	mg/kg	UJ
East canyon	21-11258	MD21-01-0173	7.5–8	Qbt 3	Nitroaniline[4-]	2.1	mg/kg	U
East canyon	21-11258	MD21-01-0173	7.5–8	Qbt 3	Nitrobenzene	0.43	mg/kg	U
East canyon	21-11258	MD21-01-0173	7.5–8	Qbt 3	Nitrophenol[2-]	0.43	mg/kg	U
East canyon	21-11258	MD21-01-0173	7.5–8	Qbt 3	Nitrophenol[4-]	2.1	mg/kg	U
East canyon	21-11258	MD21-01-0173	7.5–8	Qbt 3	Nitroso-di-n-propylamine[N-]	0.43	mg/kg	U
East canyon	21-11258	MD21-01-0173	7.5–8	Qbt 3	Nitrosodimethylamine[N-]	0.43	mg/kg	U
East canyon	21-11258	MD21-01-0173	7.5–8	Qbt 3	Nitrosodiphenylamine[N-]	0.43	mg/kg	U
East canyon	21-11258	MD21-01-0173	7.5–8	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.43	mg/kg	U
East canyon	21-11258	MD21-01-0173	7.5–8	Qbt 3	Pentachlorophenol	2.1	mg/kg	U
East canyon	21-11258	MD21-01-0173	7.5–8	Qbt 3	Phenol	0.43	mg/kg	U
East canyon	21-11258	MD21-01-0173	7.5–8	Qbt 3	Trichlorobenzene[1,2,4-]	0.43	mg/kg	U
East canyon	21-11258	MD21-01-0173	7.5–8	Qbt 3	Trichlorophenol[2,4,5-]	0.43	mg/kg	U
East canyon	21-11258	MD21-01-0173	7.5–8	Qbt 3	Trichlorophenol[2,4,6-]	0.43	mg/kg	U
East canyon	21-11258	MD21-01-0173	7.5–8	Qbt 3	Trimethylbenzene[1,2,4-]	0.0058	mg/kg	U
East canyon	21-11258	MD21-01-0173	7.5–8	Qbt 3	Trimethylbenzene[1,3,5-]	0.0058	mg/kg	U
East canyon	21-11258	MD21-01-0174	9.5–10	Qbt 3	Aluminum	2910	mg/kg	None
East canyon	21-11258	MD21-01-0174	9.5–10	Qbt 3	Antimony	1	mg/kg	UJ
East canyon	21-11258	MD21-01-0174	9.5–10	Qbt 3	Arsenic	0.14	mg/kg	U
East canyon	21-11258	MD21-01-0174	9.5–10	Qbt 3	Barium	10.8	mg/kg	J
East canyon	21-11258	MD21-01-0174	9.5–10	Qbt 3	Beryllium	0.42	mg/kg	J
East canyon	21-11258	MD21-01-0174	9.5–10	Qbt 3	Cadmium	0.083	mg/kg	U
East canyon	21-11258	MD21-01-0174	9.5–10	Qbt 3	Calcium	253	mg/kg	J
East canyon	21-11258	MD21-01-0174	9.5–10	Qbt 3	Chromium, total	2.8	mg/kg	None
East canyon	21-11258	MD21-01-0174	9.5–10	Qbt 3	Cobalt	0.45	mg/kg	J
East canyon	21-11258	MD21-01-0174	9.5–10	Qbt 3	Copper	2.4	mg/kg	J
East canyon	21-11258	MD21-01-0174	9.5–10	Qbt 3	Iron	5430	mg/kg	None
East canyon	21-11258	MD21-01-0174	9.5–10	Qbt 3	Magnesium	246	mg/kg	J
East canyon	21-11258	MD21-01-0174	9.5–10	Qbt 3	Manganese	75.2	mg/kg	None
East canyon	21-11258	MD21-01-0174	9.5–10	Qbt 3	Mercury	0.022	mg/kg	U
East canyon	21-11258	MD21-01-0174	9.5–10	Qbt 3	Nickel	1.5	mg/kg	J
East canyon	21-11258	MD21-01-0174	9.5–10	Qbt 3	Potassium	554	mg/kg	J

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
East canyon	21-11258	MD21-01-0174	9.5–10	Qbt 3	Selenium	0.26	mg/kg	U
East canyon	21-11258	MD21-01-0174	9.5–10	Qbt 3	Silver	0.041	mg/kg	U
East canyon	21-11258	MD21-01-0174	9.5–10	Qbt 3	Sodium	157	mg/kg	J
East canyon	21-11258	MD21-01-0174	9.5–10	Qbt 3	Thallium	0.015	mg/kg	U
East canyon	21-11258	MD21-01-0174	9.5–10	Qbt 3	Vanadium	2.4	mg/kg	J
East canyon	21-11258	MD21-01-0174	9.5–10	Qbt 3	Zinc	34.4	mg/kg	None
East canyon	21-11258	MD21-01-0174	9.5–10	Qbt 3	Acenaphthylene	0.43	mg/kg	UJ
East canyon	21-11258	MD21-01-0174	9.5–10	Qbt 3	Aniline	0.43	mg/kg	UJ
East canyon	21-11258	MD21-01-0174	9.5–10	Qbt 3	Azobenzene	0.43	mg/kg	UJ
East canyon	21-11258	MD21-01-0174	9.5–10	Qbt 3	Benzo(g,h,i)perylene	0.43	mg/kg	UJ
East canyon	21-11258	MD21-01-0174	9.5–10	Qbt 3	Benzoic acid	2.1	mg/kg	UJ
East canyon	21-11258	MD21-01-0174	9.5–10	Qbt 3	Benzyl alcohol	0.43	mg/kg	UJ
East canyon	21-11258	MD21-01-0174	9.5–10	Qbt 3	Bis(2-chloroethoxy)methane	0.43	mg/kg	UJ
East canyon	21-11258	MD21-01-0174	9.5–10	Qbt 3	Bis(2-chloroethyl)ether	0.43	mg/kg	UJ
East canyon	21-11258	MD21-01-0174	9.5–10	Qbt 3	Bis(2-ethylhexyl)phthalate	0.43	mg/kg	UJ
East canyon	21-11258	MD21-01-0174	9.5–10	Qbt 3	Bromophenyl-phenylether[4-]	0.43	mg/kg	UJ
East canyon	21-11258	MD21-01-0174	9.5–10	Qbt 3	Butylbenzylphthalate	0.43	mg/kg	UJ
East canyon	21-11258	MD21-01-0174	9.5–10	Qbt 3	Chloro-3-methylphenol[4-]	0.43	mg/kg	UJ
East canyon	21-11258	MD21-01-0174	9.5–10	Qbt 3	Chloroaniline[4-]	0.43	mg/kg	UJ
East canyon	21-11258	MD21-01-0174	9.5–10	Qbt 3	Chloronaphthalene[2-]	0.43	mg/kg	UJ
East canyon	21-11258	MD21-01-0174	9.5–10	Qbt 3	Chlorophenol[2-]	0.43	mg/kg	U
East canyon	21-11258	MD21-01-0174	9.5–10	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.43	mg/kg	UJ
East canyon	21-11258	MD21-01-0174	9.5–10	Qbt 3	Di-n-butylphthalate	0.43	mg/kg	UJ
East canyon	21-11258	MD21-01-0174	9.5–10	Qbt 3	Di-n-octylphthalate	0.43	mg/kg	UJ
East canyon	21-11258	MD21-01-0174	9.5–10	Qbt 3	Dibenzofuran	0.43	mg/kg	UJ
East canyon	21-11258	MD21-01-0174	9.5–10	Qbt 3	Dichlorobenzene[1,2-]	0.43	mg/kg	UJ
East canyon	21-11258	MD21-01-0174	9.5–10	Qbt 3	Dichlorobenzene[1,3-]	0.43	mg/kg	UJ
East canyon	21-11258	MD21-01-0174	9.5–10	Qbt 3	Dichlorobenzene[1,4-]	0.43	mg/kg	UJ
East canyon	21-11258	MD21-01-0174	9.5–10	Qbt 3	Dichlorobenzidine[3,3'-]	2.1	mg/kg	UJ
East canyon	21-11258	MD21-01-0174	9.5–10	Qbt 3	Dichlorophenol[2,4-]	0.43	mg/kg	U
East canyon	21-11258	MD21-01-0174	9.5–10	Qbt 3	Diethylphthalate	0.43	mg/kg	UJ
East canyon	21-11258	MD21-01-0174	9.5–10	Qbt 3	Dimethyl phthalate	0.43	mg/kg	UJ
East canyon	21-11258	MD21-01-0174	9.5–10	Qbt 3	Dimethylphenol[2,4-]	0.43	mg/kg	U
East canyon	21-11258	MD21-01-0174	9.5–10	Qbt 3	Dinitro-2-methylphenol[4,6-]	2.1	mg/kg	U
East canyon	21-11258	MD21-01-0174	9.5–10	Qbt 3	Dinitrophenol[2,4-]	2.1	mg/kg	U
East canyon	21-11258	MD21-01-0174	9.5–10	Qbt 3	Dinitrotoluene[2,4-]	0.43	mg/kg	UJ
East canyon	21-11258	MD21-01-0174	9.5–10	Qbt 3	Dinitrotoluene[2,6-]	0.43	mg/kg	UJ
East canyon	21-11258	MD21-01-0174	9.5–10	Qbt 3	Hexachlorobenzene	0.43	mg/kg	UJ
East canyon	21-11258	MD21-01-0174	9.5–10	Qbt 3	Hexachlorobutadiene	0.43	mg/kg	UJ

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
East canyon	21-11258	MD21-01-0174	9.5–10	Qbt 3	Hexachlorocyclopentadiene	2.1	mg/kg	UJ
East canyon	21-11258	MD21-01-0174	9.5–10	Qbt 3	Hexachloroethane	0.43	mg/kg	UJ
East canyon	21-11258	MD21-01-0174	9.5–10	Qbt 3	Indeno(1,2,3-cd)pyrene	0.43	mg/kg	UJ
East canyon	21-11258	MD21-01-0174	9.5–10	Qbt 3	Isophorone	0.43	mg/kg	UJ
East canyon	21-11258	MD21-01-0174	9.5–10	Qbt 3	Methylphenol[2-]	0.43	mg/kg	U
East canyon	21-11258	MD21-01-0174	9.5–10	Qbt 3	Methylphenol[4-]	0.43	mg/kg	UJ
East canyon	21-11258	MD21-01-0174	9.5–10	Qbt 3	Nitroaniline[2-]	2.1	mg/kg	UJ
East canyon	21-11258	MD21-01-0174	9.5–10	Qbt 3	Nitroaniline[3-]	2.1	mg/kg	UJ
East canyon	21-11258	MD21-01-0174	9.5–10	Qbt 3	Nitroaniline[4-]	2.1	mg/kg	UJ
East canyon	21-11258	MD21-01-0174	9.5–10	Qbt 3	Nitrobenzene	0.43	mg/kg	UJ
East canyon	21-11258	MD21-01-0174	9.5–10	Qbt 3	Nitrophenol[2-]	0.43	mg/kg	U
East canyon	21-11258	MD21-01-0174	9.5–10	Qbt 3	Nitrophenol[4-]	2.1	mg/kg	U
East canyon	21-11258	MD21-01-0174	9.5–10	Qbt 3	Nitroso-di-n-propylamine[N-]	0.43	mg/kg	UJ
East canyon	21-11258	MD21-01-0174	9.5–10	Qbt 3	Nitrosodimethylamine[N-]	0.43	mg/kg	UJ
East canyon	21-11258	MD21-01-0174	9.5–10	Qbt 3	Nitrosodiphenylamine[N-]	0.43	mg/kg	UJ
East canyon	21-11258	MD21-01-0174	9.5–10	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.43	mg/kg	UJ
East canyon	21-11258	MD21-01-0174	9.5–10	Qbt 3	Pentachlorophenol	2.1	mg/kg	U
East canyon	21-11258	MD21-01-0174	9.5–10	Qbt 3	Phenol	0.43	mg/kg	U
East canyon	21-11258	MD21-01-0174	9.5–10	Qbt 3	Trichlorobenzene[1,2,4-]	0.43	mg/kg	UJ
East canyon	21-11258	MD21-01-0174	9.5–10	Qbt 3	Trichlorophenol[2,4,5-]	0.43	mg/kg	U
East canyon	21-11258	MD21-01-0174	9.5–10	Qbt 3	Trichlorophenol[2,4,6-]	0.43	mg/kg	U
East canyon	21-11258	MD21-01-0174	9.5–10	Qbt 3	Trimethylbenzene[1,2,4-]	0.0061	mg/kg	U
East canyon	21-11258	MD21-01-0174	9.5–10	Qbt 3	Trimethylbenzene[1,3,5-]	0.0061	mg/kg	U
East canyon	21-11258	MD21-01-0175	14.3–14.7	Qbt 3	Aluminum	1110	mg/kg	None
East canyon	21-11258	MD21-01-0175	14.3–14.7	Qbt 3	Antimony	0.88	mg/kg	UJ
East canyon	21-11258	MD21-01-0175	14.3–14.7	Qbt 3	Arsenic	0.12	mg/kg	U
East canyon	21-11258	MD21-01-0175	14.3–14.7	Qbt 3	Barium	8.2	mg/kg	J
East canyon	21-11258	MD21-01-0175	14.3–14.7	Qbt 3	Beryllium	0.39	mg/kg	J
East canyon	21-11258	MD21-01-0175	14.3–14.7	Qbt 3	Cadmium	0.07	mg/kg	U
East canyon	21-11258	MD21-01-0175	14.3–14.7	Qbt 3	Calcium	163	mg/kg	J
East canyon	21-11258	MD21-01-0175	14.3–14.7	Qbt 3	Chromium, total	1.7	mg/kg	U
East canyon	21-11258	MD21-01-0175	14.3–14.7	Qbt 3	Cobalt	0.26	mg/kg	J
East canyon	21-11258	MD21-01-0175	14.3–14.7	Qbt 3	Copper	1.4	mg/kg	J
East canyon	21-11258	MD21-01-0175	14.3–14.7	Qbt 3	Iron	5530	mg/kg	None
East canyon	21-11258	MD21-01-0175	14.3–14.7	Qbt 3	Magnesium	58.8	mg/kg	U
East canyon	21-11258	MD21-01-0175	14.3–14.7	Qbt 3	Manganese	252	mg/kg	None
East canyon	21-11258	MD21-01-0175	14.3–14.7	Qbt 3	Mercury	0.019	mg/kg	U
East canyon	21-11258	MD21-01-0175	14.3–14.7	Qbt 3	Nickel	0.93	mg/kg	J
East canyon	21-11258	MD21-01-0175	14.3–14.7	Qbt 3	Potassium	351	mg/kg	J

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
East canyon	21-11258	MD21-01-0175	14.3–14.7	Qbt 3	Selenium	0.36	mg/kg	J
East canyon	21-11258	MD21-01-0175	14.3–14.7	Qbt 3	Silver	0.035	mg/kg	U
East canyon	21-11258	MD21-01-0175	14.3–14.7	Qbt 3	Sodium	89.7	mg/kg	U
East canyon	21-11258	MD21-01-0175	14.3–14.7	Qbt 3	Thallium	0.012	mg/kg	U
East canyon	21-11258	MD21-01-0175	14.3–14.7	Qbt 3	Vanadium	0.03	mg/kg	U
East canyon	21-11258	MD21-01-0175	14.3–14.7	Qbt 3	Zinc	38.1	mg/kg	None
East canyon	21-11258	MD21-01-0175	14.3–14.7	Qbt 3	Acenaphthylene	0.37	mg/kg	UJ
East canyon	21-11258	MD21-01-0175	14.3–14.7	Qbt 3	Aniline	0.37	mg/kg	UJ
East canyon	21-11258	MD21-01-0175	14.3–14.7	Qbt 3	Azobenzene	0.37	mg/kg	UJ
East canyon	21-11258	MD21-01-0175	14.3–14.7	Qbt 3	Benzo(g,h,i)perylene	0.37	mg/kg	UJ
East canyon	21-11258	MD21-01-0175	14.3–14.7	Qbt 3	Benzoic acid	1.8	mg/kg	UJ
East canyon	21-11258	MD21-01-0175	14.3–14.7	Qbt 3	Benzyl alcohol	0.37	mg/kg	UJ
East canyon	21-11258	MD21-01-0175	14.3–14.7	Qbt 3	Bis(2-chloroethoxy)methane	0.37	mg/kg	UJ
East canyon	21-11258	MD21-01-0175	14.3–14.7	Qbt 3	Bis(2-chloroethyl)ether	0.37	mg/kg	UJ
East canyon	21-11258	MD21-01-0175	14.3–14.7	Qbt 3	Bis(2-ethylhexyl)phthalate	0.37	mg/kg	UJ
East canyon	21-11258	MD21-01-0175	14.3–14.7	Qbt 3	Bromophenyl-phenylether[4-]	0.37	mg/kg	UJ
East canyon	21-11258	MD21-01-0175	14.3–14.7	Qbt 3	Butylbenzylphthalate	0.37	mg/kg	UJ
East canyon	21-11258	MD21-01-0175	14.3–14.7	Qbt 3	Chloro-3-methylphenol[4-]	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0175	14.3–14.7	Qbt 3	Chloroaniline[4-]	0.37	mg/kg	UJ
East canyon	21-11258	MD21-01-0175	14.3–14.7	Qbt 3	Chloronaphthalene[2-]	0.37	mg/kg	UJ
East canyon	21-11258	MD21-01-0175	14.3–14.7	Qbt 3	Chlorophenol[2-]	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0175	14.3–14.7	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.37	mg/kg	UJ
East canyon	21-11258	MD21-01-0175	14.3–14.7	Qbt 3	Di-n-butylphthalate	0.37	mg/kg	UJ
East canyon	21-11258	MD21-01-0175	14.3–14.7	Qbt 3	Di-n-octylphthalate	0.37	mg/kg	UJ
East canyon	21-11258	MD21-01-0175	14.3–14.7	Qbt 3	Dibenzofuran	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0175	14.3–14.7	Qbt 3	Dichlorobenzene[1,2-]	0.37	mg/kg	UJ
East canyon	21-11258	MD21-01-0175	14.3–14.7	Qbt 3	Dichlorobenzene[1,3-]	0.37	mg/kg	UJ
East canyon	21-11258	MD21-01-0175	14.3–14.7	Qbt 3	Dichlorobenzene[1,4-]	0.37	mg/kg	UJ
East canyon	21-11258	MD21-01-0175	14.3–14.7	Qbt 3	Dichlorobenzidine[3,3'-]	1.8	mg/kg	UJ
East canyon	21-11258	MD21-01-0175	14.3–14.7	Qbt 3	Dichlorophenol[2,4-]	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0175	14.3–14.7	Qbt 3	Diethylphthalate	0.37	mg/kg	UJ
East canyon	21-11258	MD21-01-0175	14.3–14.7	Qbt 3	Dimethyl phthalate	0.37	mg/kg	UJ
East canyon	21-11258	MD21-01-0175	14.3–14.7	Qbt 3	Dimethylphenol[2,4-]	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0175	14.3–14.7	Qbt 3	Dinitro-2-methylphenol[4,6-]	1.8	mg/kg	U
East canyon	21-11258	MD21-01-0175	14.3–14.7	Qbt 3	Dinitrophenol[2,4-]	1.8	mg/kg	U
East canyon	21-11258	MD21-01-0175	14.3–14.7	Qbt 3	Dinitrotoluene[2,4-]	0.37	mg/kg	UJ
East canyon	21-11258	MD21-01-0175	14.3–14.7	Qbt 3	Dinitrotoluene[2,6-]	0.37	mg/kg	UJ
East canyon	21-11258	MD21-01-0175	14.3–14.7	Qbt 3	Hexachlorobenzene	0.37	mg/kg	UJ
East canyon	21-11258	MD21-01-0175	14.3–14.7	Qbt 3	Hexachlorobutadiene	0.37	mg/kg	UJ

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
East canyon	21-11258	MD21-01-0175	14.3–14.7	Qbt 3	Hexachlorocyclopentadiene	1.8	mg/kg	UJ
East canyon	21-11258	MD21-01-0175	14.3–14.7	Qbt 3	Hexachloroethane	0.37	mg/kg	UJ
East canyon	21-11258	MD21-01-0175	14.3–14.7	Qbt 3	Indeno(1,2,3-cd)pyrene	0.37	mg/kg	UJ
East canyon	21-11258	MD21-01-0175	14.3–14.7	Qbt 3	Isophorone	0.37	mg/kg	UJ
East canyon	21-11258	MD21-01-0175	14.3–14.7	Qbt 3	Methylphenol[2-]	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0175	14.3–14.7	Qbt 3	Methylphenol[4-]	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0175	14.3–14.7	Qbt 3	Nitroaniline[2-]	1.8	mg/kg	UJ
East canyon	21-11258	MD21-01-0175	14.3–14.7	Qbt 3	Nitroaniline[3-]	1.8	mg/kg	UJ
East canyon	21-11258	MD21-01-0175	14.3–14.7	Qbt 3	Nitroaniline[4-]	1.8	mg/kg	UJ
East canyon	21-11258	MD21-01-0175	14.3–14.7	Qbt 3	Nitrobenzene	0.37	mg/kg	UJ
East canyon	21-11258	MD21-01-0175	14.3–14.7	Qbt 3	Nitrophenol[2-]	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0175	14.3–14.7	Qbt 3	Nitrophenol[4-]	1.8	mg/kg	U
East canyon	21-11258	MD21-01-0175	14.3–14.7	Qbt 3	Nitroso-di-n-propylamine[N-]	0.37	mg/kg	UJ
East canyon	21-11258	MD21-01-0175	14.3–14.7	Qbt 3	Nitrosodimethylamine[N-]	0.37	mg/kg	UJ
East canyon	21-11258	MD21-01-0175	14.3–14.7	Qbt 3	Nitrosodiphenylamine[N-]	0.37	mg/kg	UJ
East canyon	21-11258	MD21-01-0175	14.3–14.7	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.37	mg/kg	UJ
East canyon	21-11258	MD21-01-0175	14.3–14.7	Qbt 3	Pentachlorophenol	1.8	mg/kg	U
East canyon	21-11258	MD21-01-0175	14.3–14.7	Qbt 3	Phenol	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0175	14.3–14.7	Qbt 3	Trichlorobenzene[1,2,4-]	0.37	mg/kg	UJ
East canyon	21-11258	MD21-01-0175	14.3–14.7	Qbt 3	Trichlorophenol[2,4,5-]	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0175	14.3–14.7	Qbt 3	Trichlorophenol[2,4,6-]	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0175	14.3–14.7	Qbt 3	Trimethylbenzene[1,2,4-]	0.0058	mg/kg	U
East canyon	21-11258	MD21-01-0175	14.3–14.7	Qbt 3	Trimethylbenzene[1,3,5-]	0.0058	mg/kg	U
East canyon	21-11258	MD21-01-0176	15.5–16	Qbt 3	Aluminum	1820	mg/kg	None
East canyon	21-11258	MD21-01-0176	15.5–16	Qbt 3	Antimony	0.88	mg/kg	UJ
East canyon	21-11258	MD21-01-0176	15.5–16	Qbt 3	Arsenic	0.12	mg/kg	U
East canyon	21-11258	MD21-01-0176	15.5–16	Qbt 3	Barium	12.5	mg/kg	J
East canyon	21-11258	MD21-01-0176	15.5–16	Qbt 3	Beryllium	0.47	mg/kg	J
East canyon	21-11258	MD21-01-0176	15.5–16	Qbt 3	Cadmium	0.07	mg/kg	U
East canyon	21-11258	MD21-01-0176	15.5–16	Qbt 3	Calcium	274	mg/kg	J
East canyon	21-11258	MD21-01-0176	15.5–16	Qbt 3	Chromium, total	2.4	mg/kg	U
East canyon	21-11258	MD21-01-0176	15.5–16	Qbt 3	Cobalt	0.36	mg/kg	J
East canyon	21-11258	MD21-01-0176	15.5–16	Qbt 3	Copper	1.7	mg/kg	J
East canyon	21-11258	MD21-01-0176	15.5–16	Qbt 3	Iron	6250	mg/kg	None
East canyon	21-11258	MD21-01-0176	15.5–16	Qbt 3	Magnesium	140	mg/kg	J
East canyon	21-11258	MD21-01-0176	15.5–16	Qbt 3	Manganese	290	mg/kg	None
East canyon	21-11258	MD21-01-0176	15.5–16	Qbt 3	Mercury	0.019	mg/kg	U
East canyon	21-11258	MD21-01-0176	15.5–16	Qbt 3	Nickel	0.93	mg/kg	J
East canyon	21-11258	MD21-01-0176	15.5–16	Qbt 3	Potassium	261	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
East canyon	21-11258	MD21-01-0176	15.5–16	Qbt 3	Selenium	0.22	mg/kg	U
East canyon	21-11258	MD21-01-0176	15.5–16	Qbt 3	Silver	0.035	mg/kg	U
East canyon	21-11258	MD21-01-0176	15.5–16	Qbt 3	Sodium	58.2	mg/kg	U
East canyon	21-11258	MD21-01-0176	15.5–16	Qbt 3	Thallium	0.012	mg/kg	U
East canyon	21-11258	MD21-01-0176	15.5–16	Qbt 3	Vanadium	0.28	mg/kg	J
East canyon	21-11258	MD21-01-0176	15.5–16	Qbt 3	Zinc	43.8	mg/kg	None
East canyon	21-11258	MD21-01-0176	15.5–16	Qbt 3	Acenaphthylene	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0176	15.5–16	Qbt 3	Aniline	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0176	15.5–16	Qbt 3	Azobenzene	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0176	15.5–16	Qbt 3	Benzo(g,h,i)perylene	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0176	15.5–16	Qbt 3	Benzoic acid	1.8	mg/kg	U
East canyon	21-11258	MD21-01-0176	15.5–16	Qbt 3	Benzyl alcohol	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0176	15.5–16	Qbt 3	Bis(2-chloroethoxy)methane	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0176	15.5–16	Qbt 3	Bis(2-chloroethyl)ether	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0176	15.5–16	Qbt 3	Bis(2-ethylhexyl)phthalate	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0176	15.5–16	Qbt 3	Bromophenyl-phenylether[4-]	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0176	15.5–16	Qbt 3	Butylbenzylphthalate	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0176	15.5–16	Qbt 3	Chloro-3-methylphenol[4-]	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0176	15.5–16	Qbt 3	Chloroaniline[4-]	0.37	mg/kg	UJ
East canyon	21-11258	MD21-01-0176	15.5–16	Qbt 3	Chloronaphthalene[2-]	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0176	15.5–16	Qbt 3	Chlorophenol[2-]	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0176	15.5–16	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0176	15.5–16	Qbt 3	Di-n-butylphthalate	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0176	15.5–16	Qbt 3	Di-n-octylphthalate	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0176	15.5–16	Qbt 3	Dibenzofuran	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0176	15.5–16	Qbt 3	Dichlorobenzene[1,2-]	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0176	15.5–16	Qbt 3	Dichlorobenzene[1,3-]	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0176	15.5–16	Qbt 3	Dichlorobenzene[1,4-]	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0176	15.5–16	Qbt 3	Dichlorobenzidine[3,3'-]	1.8	mg/kg	U
East canyon	21-11258	MD21-01-0176	15.5–16	Qbt 3	Dichlorophenol[2,4-]	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0176	15.5–16	Qbt 3	Diethylphthalate	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0176	15.5–16	Qbt 3	Dimethyl phthalate	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0176	15.5–16	Qbt 3	Dimethylphenol[2,4-]	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0176	15.5–16	Qbt 3	Dinitro-2-methylphenol[4,6-]	1.8	mg/kg	U
East canyon	21-11258	MD21-01-0176	15.5–16	Qbt 3	Dinitrophenol[2,4-]	1.8	mg/kg	U
East canyon	21-11258	MD21-01-0176	15.5–16	Qbt 3	Dinitrotoluene[2,4-]	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0176	15.5–16	Qbt 3	Dinitrotoluene[2,6-]	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0176	15.5–16	Qbt 3	Hexachlorobenzene	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0176	15.5–16	Qbt 3	Hexachlorobutadiene	0.37	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
East canyon	21-11258	MD21-01-0176	15.5–16	Qbt 3	Hexachlorocyclopentadiene	1.8	mg/kg	U
East canyon	21-11258	MD21-01-0176	15.5–16	Qbt 3	Hexachloroethane	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0176	15.5–16	Qbt 3	Indeno(1,2,3-cd)pyrene	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0176	15.5–16	Qbt 3	Isophorone	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0176	15.5–16	Qbt 3	Methylphenol[2-]	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0176	15.5–16	Qbt 3	Methylphenol[4-]	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0176	15.5–16	Qbt 3	Nitroaniline[2-]	1.8	mg/kg	U
East canyon	21-11258	MD21-01-0176	15.5–16	Qbt 3	Nitroaniline[3-]	1.8	mg/kg	UJ
East canyon	21-11258	MD21-01-0176	15.5–16	Qbt 3	Nitroaniline[4-]	1.8	mg/kg	U
East canyon	21-11258	MD21-01-0176	15.5–16	Qbt 3	Nitrobenzene	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0176	15.5–16	Qbt 3	Nitrophenol[2-]	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0176	15.5–16	Qbt 3	Nitrophenol[4-]	1.8	mg/kg	U
East canyon	21-11258	MD21-01-0176	15.5–16	Qbt 3	Nitroso-di-n-propylamine[N-]	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0176	15.5–16	Qbt 3	Nitrosodimethylamine[N-]	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0176	15.5–16	Qbt 3	Nitrosodiphenylamine[N-]	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0176	15.5–16	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0176	15.5–16	Qbt 3	Pentachlorophenol	1.8	mg/kg	U
East canyon	21-11258	MD21-01-0176	15.5–16	Qbt 3	Phenol	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0176	15.5–16	Qbt 3	Trichlorobenzene[1,2,4-]	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0176	15.5–16	Qbt 3	Trichlorophenol[2,4,5-]	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0176	15.5–16	Qbt 3	Trichlorophenol[2,4,6-]	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0176	15.5–16	Qbt 3	Trimethylbenzene[1,2,4-]	0.0059	mg/kg	U
East canyon	21-11258	MD21-01-0176	15.5–16	Qbt 3	Trimethylbenzene[1,3,5-]	0.0059	mg/kg	U
East canyon	21-11258	MD21-01-0177	17–18	Qbt 3	Aluminum	1070	mg/kg	None
East canyon	21-11258	MD21-01-0177	17–18	Qbt 3	Antimony	0.87	mg/kg	UJ
East canyon	21-11258	MD21-01-0177	17–18	Qbt 3	Arsenic	0.12	mg/kg	U
East canyon	21-11258	MD21-01-0177	17–18	Qbt 3	Barium	9.2	mg/kg	J
East canyon	21-11258	MD21-01-0177	17–18	Qbt 3	Beryllium	0.35	mg/kg	J
East canyon	21-11258	MD21-01-0177	17–18	Qbt 3	Cadmium	0.069	mg/kg	U
East canyon	21-11258	MD21-01-0177	17–18	Qbt 3	Calcium	191	mg/kg	J
East canyon	21-11258	MD21-01-0177	17–18	Qbt 3	Chromium, total	1.6	mg/kg	U
East canyon	21-11258	MD21-01-0177	17–18	Qbt 3	Cobalt	0.23	mg/kg	J
East canyon	21-11258	MD21-01-0177	17–18	Qbt 3	Copper	1.3	mg/kg	J
East canyon	21-11258	MD21-01-0177	17–18	Qbt 3	Iron	5020	mg/kg	None
East canyon	21-11258	MD21-01-0177	17–18	Qbt 3	Magnesium	92.2	mg/kg	J
East canyon	21-11258	MD21-01-0177	17–18	Qbt 3	Manganese	237	mg/kg	None
East canyon	21-11258	MD21-01-0177	17–18	Qbt 3	Mercury	0.018	mg/kg	U
East canyon	21-11258	MD21-01-0177	17–18	Qbt 3	Nickel	0.74	mg/kg	J
East canyon	21-11258	MD21-01-0177	17–18	Qbt 3	Potassium	303	mg/kg	J

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
East canyon	21-11258	MD21-01-0177	17–18	Qbt 3	Selenium	0.22	mg/kg	U
East canyon	21-11258	MD21-01-0177	17–18	Qbt 3	Silver	0.034	mg/kg	U
East canyon	21-11258	MD21-01-0177	17–18	Qbt 3	Sodium	63.2	mg/kg	U
East canyon	21-11258	MD21-01-0177	17–18	Qbt 3	Thallium	0.012	mg/kg	U
East canyon	21-11258	MD21-01-0177	17–18	Qbt 3	Vanadium	0.03	mg/kg	U
East canyon	21-11258	MD21-01-0177	17–18	Qbt 3	Zinc	36	mg/kg	None
East canyon	21-11258	MD21-01-0177	17–18	Qbt 3	Acenaphthylene	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0177	17–18	Qbt 3	Aniline	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0177	17–18	Qbt 3	Azobenzene	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0177	17–18	Qbt 3	Benzo(g,h,i)perylene	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0177	17–18	Qbt 3	Benzoic acid	1.8	mg/kg	U
East canyon	21-11258	MD21-01-0177	17–18	Qbt 3	Benzyl alcohol	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0177	17–18	Qbt 3	Bis(2-chloroethoxy)methane	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0177	17–18	Qbt 3	Bis(2-chloroethyl)ether	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0177	17–18	Qbt 3	Bis(2-ethylhexyl)phthalate	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0177	17–18	Qbt 3	Bromophenyl-phenylether[4-]	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0177	17–18	Qbt 3	Butylbenzylphthalate	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0177	17–18	Qbt 3	Chloro-3-methylphenol[4-]	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0177	17–18	Qbt 3	Chloroaniline[4-]	0.37	mg/kg	UJ
East canyon	21-11258	MD21-01-0177	17–18	Qbt 3	Chloronaphthalene[2-]	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0177	17–18	Qbt 3	Chlorophenol[2-]	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0177	17–18	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0177	17–18	Qbt 3	Di-n-butylphthalate	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0177	17–18	Qbt 3	Di-n-octylphthalate	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0177	17–18	Qbt 3	Dibenzofuran	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0177	17–18	Qbt 3	Dichlorobenzene[1,2-]	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0177	17–18	Qbt 3	Dichlorobenzene[1,3-]	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0177	17–18	Qbt 3	Dichlorobenzene[1,4-]	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0177	17–18	Qbt 3	Dichlorobenzidine[3,3'-]	1.8	mg/kg	U
East canyon	21-11258	MD21-01-0177	17–18	Qbt 3	Dichlorophenol[2,4-]	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0177	17–18	Qbt 3	Diethylphthalate	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0177	17–18	Qbt 3	Dimethyl phthalate	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0177	17–18	Qbt 3	Dimethylphenol[2,4-]	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0177	17–18	Qbt 3	Dinitro-2-methylphenol[4,6-]	1.8	mg/kg	U
East canyon	21-11258	MD21-01-0177	17–18	Qbt 3	Dinitrophenol[2,4-]	1.8	mg/kg	U
East canyon	21-11258	MD21-01-0177	17–18	Qbt 3	Dinitrotoluene[2,4-]	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0177	17–18	Qbt 3	Dinitrotoluene[2,6-]	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0177	17–18	Qbt 3	Hexachlorobenzene	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0177	17–18	Qbt 3	Hexachlorobutadiene	0.37	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
East canyon	21-11258	MD21-01-0177	17–18	Qbt 3	Hexachlorocyclopentadiene	1.8	mg/kg	U
East canyon	21-11258	MD21-01-0177	17–18	Qbt 3	Hexachloroethane	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0177	17–18	Qbt 3	Indeno(1,2,3-cd)pyrene	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0177	17–18	Qbt 3	Isophorone	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0177	17–18	Qbt 3	Methylphenol[2-]	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0177	17–18	Qbt 3	Methylphenol[4-]	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0177	17–18	Qbt 3	Nitroaniline[2-]	1.8	mg/kg	U
East canyon	21-11258	MD21-01-0177	17–18	Qbt 3	Nitroaniline[3-]	1.8	mg/kg	UJ
East canyon	21-11258	MD21-01-0177	17–18	Qbt 3	Nitroaniline[4-]	1.8	mg/kg	U
East canyon	21-11258	MD21-01-0177	17–18	Qbt 3	Nitrobenzene	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0177	17–18	Qbt 3	Nitrophenol[2-]	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0177	17–18	Qbt 3	Nitrophenol[4-]	1.8	mg/kg	U
East canyon	21-11258	MD21-01-0177	17–18	Qbt 3	Nitroso-di-n-propylamine[N-]	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0177	17–18	Qbt 3	Nitrosodimethylamine[N-]	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0177	17–18	Qbt 3	Nitrosodiphenylamine[N-]	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0177	17–18	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0177	17–18	Qbt 3	Pentachlorophenol	1.8	mg/kg	U
East canyon	21-11258	MD21-01-0177	17–18	Qbt 3	Phenol	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0177	17–18	Qbt 3	Trichlorobenzene[1,2,4-]	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0177	17–18	Qbt 3	Trichlorophenol[2,4,5-]	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0177	17–18	Qbt 3	Trichlorophenol[2,4,6-]	0.37	mg/kg	U
East canyon	21-11258	MD21-01-0177	17–18	Qbt 3	Trimethylbenzene[1,2,4-]	0.0065	mg/kg	U
East canyon	21-11258	MD21-01-0177	17–18	Qbt 3	Trimethylbenzene[1,3,5-]	0.0065	mg/kg	U
East canyon	21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Aluminum	948	mg/kg	None
East canyon	21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Antimony	0.85	mg/kg	UJ
East canyon	21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Arsenic	0.12	mg/kg	U
East canyon	21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Barium	10.4	mg/kg	J
East canyon	21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Beryllium	0.59	mg/kg	None
East canyon	21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Cadmium	0.068	mg/kg	U
East canyon	21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Calcium	171	mg/kg	J
East canyon	21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Chromium, total	1.7	mg/kg	U
East canyon	21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Cobalt	0.28	mg/kg	J
East canyon	21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Copper	1.5	mg/kg	J
East canyon	21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Iron	6350	mg/kg	None
East canyon	21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Magnesium	53.8	mg/kg	U
East canyon	21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Manganese	285	mg/kg	None
East canyon	21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Mercury	0.018	mg/kg	U
East canyon	21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Nickel	0.81	mg/kg	J
East canyon	21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Potassium	282.5	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
East canyon	21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Selenium	0.21	mg/kg	U
East canyon	21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Silver	0.034	mg/kg	U
East canyon	21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Sodium	73.7	mg/kg	U
East canyon	21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Thallium	0.012	mg/kg	U
East canyon	21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Vanadium	0.38	mg/kg	J
East canyon	21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Zinc	40.3	mg/kg	None
East canyon	21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Acenaphthylene	0.36	mg/kg	U
East canyon	21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Aniline	0.36	mg/kg	U
East canyon	21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Azobenzene	0.36	mg/kg	U
East canyon	21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Benzo(g,h,i)perylene	0.36	mg/kg	U
East canyon	21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Benzoic acid	1.7	mg/kg	U
East canyon	21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Benzyl alcohol	0.36	mg/kg	U
East canyon	21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Bis(2-chloroethoxy)methane	0.36	mg/kg	U
East canyon	21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Bis(2-chloroethyl)ether	0.36	mg/kg	U
East canyon	21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Bis(2-ethylhexyl)phthalate	0.36	mg/kg	U
East canyon	21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Bromophenyl-phenylether[4-]	0.36	mg/kg	U
East canyon	21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Butylbenzylphthalate	0.36	mg/kg	U
East canyon	21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Chloro-3-methylphenol[4-]	0.36	mg/kg	U
East canyon	21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Chloroaniline[4-]	0.36	mg/kg	UJ
East canyon	21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Chloronaphthalene[2-]	0.36	mg/kg	U
East canyon	21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Chlorophenol[2-]	0.36	mg/kg	U
East canyon	21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.36	mg/kg	U
East canyon	21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Di-n-butylphthalate	0.36	mg/kg	U
East canyon	21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Di-n-octylphthalate	0.36	mg/kg	U
East canyon	21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Dibenzofuran	0.36	mg/kg	U
East canyon	21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Dichlorobenzene[1,2-]	0.36	mg/kg	U
East canyon	21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Dichlorobenzene[1,3-]	0.36	mg/kg	U
East canyon	21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Dichlorobenzene[1,4-]	0.36	mg/kg	U
East canyon	21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Dichlorobenzidine[3,3'-]	1.7	mg/kg	U
East canyon	21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Dichlorophenol[2,4-]	0.36	mg/kg	U
East canyon	21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Diethylphthalate	0.36	mg/kg	U
East canyon	21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Dimethyl phthalate	0.36	mg/kg	U
East canyon	21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Dimethylphenol[2,4-]	0.36	mg/kg	U
East canyon	21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
East canyon	21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Dinitrophenol[2,4-]	1.7	mg/kg	U
East canyon	21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Dinitrotoluene[2,4-]	0.36	mg/kg	U
East canyon	21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Dinitrotoluene[2,6-]	0.36	mg/kg	U
East canyon	21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Hexachlorobenzene	0.36	mg/kg	U
East canyon	21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Hexachlorobutadiene	0.36	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
East canyon	21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Hexachlorocyclopentadiene	1.7	mg/kg	U
East canyon	21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Hexachloroethane	0.36	mg/kg	U
East canyon	21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Indeno(1,2,3-cd)pyrene	0.36	mg/kg	U
East canyon	21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Isophorone	0.36	mg/kg	U
East canyon	21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Methylphenol[2-]	0.36	mg/kg	U
East canyon	21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Methylphenol[4-]	0.36	mg/kg	U
East canyon	21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Nitroaniline[2-]	1.7	mg/kg	U
East canyon	21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Nitroaniline[3-]	1.7	mg/kg	UJ
East canyon	21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Nitroaniline[4-]	1.7	mg/kg	U
East canyon	21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Nitrobenzene	0.36	mg/kg	U
East canyon	21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Nitrophenol[2-]	0.36	mg/kg	U
East canyon	21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Nitrophenol[4-]	1.7	mg/kg	U
East canyon	21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Nitroso-di-n-propylamine[N-]	0.36	mg/kg	U
East canyon	21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Nitrosodimethylamine[N-]	0.36	mg/kg	U
East canyon	21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Nitrosodiphenylamine[N-]	0.36	mg/kg	U
East canyon	21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.36	mg/kg	U
East canyon	21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Pentachlorophenol	1.7	mg/kg	U
East canyon	21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Phenol	0.36	mg/kg	U
East canyon	21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Trichlorobenzene[1,2,4-]	0.36	mg/kg	U
East canyon	21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Trichlorophenol[2,4,5-]	0.36	mg/kg	U
East canyon	21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Trichlorophenol[2,4,6-]	0.36	mg/kg	U
East canyon	21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Chlorobenzene	0.006	mg/kg	U
East canyon	21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Dichlorobenzene[1,4-]	0.006	mg/kg	U
East canyon	21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Dichloroethene[1,1-]	0.006	mg/kg	U
East canyon	21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Trichloroethene	0.006	mg/kg	U
East canyon	21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Trimethylbenzene[1,2,4-]	0.006	mg/kg	U
East canyon	21-11258	MD21-01-0178	18.8–19.8	Qbt 3	Trimethylbenzene[1,3,5-]	0.006	mg/kg	U
East canyon	21-11259	MD21-01-0179	5.5–6	Qbt 3	Aluminum	3870	mg/kg	None
East canyon	21-11259	MD21-01-0179	5.5–6	Qbt 3	Antimony	1	mg/kg	U
East canyon	21-11259	MD21-01-0179	5.5–6	Qbt 3	Arsenic	0.77	mg/kg	J
East canyon	21-11259	MD21-01-0179	5.5–6	Qbt 3	Barium	24.8	mg/kg	J
East canyon	21-11259	MD21-01-0179	5.5–6	Qbt 3	Beryllium	0.37	mg/kg	J
East canyon	21-11259	MD21-01-0179	5.5–6	Qbt 3	Cadmium	0.081	mg/kg	U
East canyon	21-11259	MD21-01-0179	5.5–6	Qbt 3	Calcium	549	mg/kg	J
East canyon	21-11259	MD21-01-0179	5.5–6	Qbt 3	Chromium, total	4.3	mg/kg	None
East canyon	21-11259	MD21-01-0179	5.5–6	Qbt 3	Cobalt	2.3	mg/kg	J
East canyon	21-11259	MD21-01-0179	5.5–6	Qbt 3	Copper	3.3	mg/kg	None
East canyon	21-11259	MD21-01-0179	5.5–6	Qbt 3	Iron	6640	mg/kg	None
East canyon	21-11259	MD21-01-0179	5.5–6	Qbt 3	Magnesium	488	mg/kg	J

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
East canyon	21-11259	MD21-01-0179	5.5–6	Qbt 3	Manganese	112	mg/kg	J-
East canyon	21-11259	MD21-01-0179	5.5–6	Qbt 3	Mercury	0.022	mg/kg	U
East canyon	21-11259	MD21-01-0179	5.5–6	Qbt 3	Nickel	2.9	mg/kg	J
East canyon	21-11259	MD21-01-0179	5.5–6	Qbt 3	Potassium	324	mg/kg	J
East canyon	21-11259	MD21-01-0179	5.5–6	Qbt 3	Selenium	0.26	mg/kg	U
East canyon	21-11259	MD21-01-0179	5.5–6	Qbt 3	Silver	0.04	mg/kg	U
East canyon	21-11259	MD21-01-0179	5.5–6	Qbt 3	Sodium	257	mg/kg	U
East canyon	21-11259	MD21-01-0179	5.5–6	Qbt 3	Thallium	0.014	mg/kg	U
East canyon	21-11259	MD21-01-0179	5.5–6	Qbt 3	Vanadium	7	mg/kg	None
East canyon	21-11259	MD21-01-0179	5.5–6	Qbt 3	Zinc	46.6	mg/kg	J-
East canyon	21-11259	MD21-01-0179	5.5–6	Qbt 3	Acenaphthylene	8.4	mg/kg	U
East canyon	21-11259	MD21-01-0179	5.5–6	Qbt 3	Aniline	8.4	mg/kg	U
East canyon	21-11259	MD21-01-0179	5.5–6	Qbt 3	Azobenzene	8.4	mg/kg	U
East canyon	21-11259	MD21-01-0179	5.5–6	Qbt 3	Benzo(g,h,i)perylene	8.4	mg/kg	U
East canyon	21-11259	MD21-01-0179	5.5–6	Qbt 3	Benzoic acid	41	mg/kg	U
East canyon	21-11259	MD21-01-0179	5.5–6	Qbt 3	Benzyl alcohol	8.4	mg/kg	U
East canyon	21-11259	MD21-01-0179	5.5–6	Qbt 3	Bis(2-chloroethoxy)methane	8.4	mg/kg	U
East canyon	21-11259	MD21-01-0179	5.5–6	Qbt 3	Bis(2-chloroethyl)ether	8.4	mg/kg	U
East canyon	21-11259	MD21-01-0179	5.5–6	Qbt 3	Bis(2-ethylhexyl)phthalate	8.4	mg/kg	U
East canyon	21-11259	MD21-01-0179	5.5–6	Qbt 3	Bromophenyl-phenylether[4-]	8.4	mg/kg	U
East canyon	21-11259	MD21-01-0179	5.5–6	Qbt 3	Butylbenzylphthalate	8.4	mg/kg	U
East canyon	21-11259	MD21-01-0179	5.5–6	Qbt 3	Chloro-3-methylphenol[4-]	8.4	mg/kg	U
East canyon	21-11259	MD21-01-0179	5.5–6	Qbt 3	Chloroaniline[4-]	8.4	mg/kg	U
East canyon	21-11259	MD21-01-0179	5.5–6	Qbt 3	Chloronaphthalene[2-]	8.4	mg/kg	U
East canyon	21-11259	MD21-01-0179	5.5–6	Qbt 3	Chlorophenol[2-]	8.4	mg/kg	U
East canyon	21-11259	MD21-01-0179	5.5–6	Qbt 3	Chlorophenyl-phenyl[4-] ether	8.4	mg/kg	U
East canyon	21-11259	MD21-01-0179	5.5–6	Qbt 3	Di-n-butylphthalate	8.4	mg/kg	U
East canyon	21-11259	MD21-01-0179	5.5–6	Qbt 3	Di-n-octylphthalate	8.4	mg/kg	U
East canyon	21-11259	MD21-01-0179	5.5–6	Qbt 3	Dibenzofuran	8.4	mg/kg	U
East canyon	21-11259	MD21-01-0179	5.5–6	Qbt 3	Dichlorobenzene[1,2-]	8.4	mg/kg	U
East canyon	21-11259	MD21-01-0179	5.5–6	Qbt 3	Dichlorobenzene[1,3-]	8.4	mg/kg	U
East canyon	21-11259	MD21-01-0179	5.5–6	Qbt 3	Dichlorobenzene[1,4-]	8.4	mg/kg	U
East canyon	21-11259	MD21-01-0179	5.5–6	Qbt 3	Dichlorobenzidine[3,3'-]	41	mg/kg	U
East canyon	21-11259	MD21-01-0179	5.5–6	Qbt 3	Dichlorophenol[2,4-]	8.4	mg/kg	U
East canyon	21-11259	MD21-01-0179	5.5–6	Qbt 3	Diethylphthalate	8.4	mg/kg	U
East canyon	21-11259	MD21-01-0179	5.5–6	Qbt 3	Dimethyl phthalate	8.4	mg/kg	U
East canyon	21-11259	MD21-01-0179	5.5–6	Qbt 3	Dimethylphenol[2,4-]	8.4	mg/kg	U
East canyon	21-11259	MD21-01-0179	5.5–6	Qbt 3	Dinitro-2-methylphenol[4,6-]	41	mg/kg	U
East canyon	21-11259	MD21-01-0179	5.5–6	Qbt 3	Dinitrophenol[2,4-]	41	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
East canyon	21-11259	MD21-01-0179	5.5–6	Qbt 3	Dinitrotoluene[2,4-]	8.4	mg/kg	U
East canyon	21-11259	MD21-01-0179	5.5–6	Qbt 3	Dinitrotoluene[2,6-]	8.4	mg/kg	U
East canyon	21-11259	MD21-01-0179	5.5–6	Qbt 3	Hexachlorobenzene	8.4	mg/kg	U
East canyon	21-11259	MD21-01-0179	5.5–6	Qbt 3	Hexachlorobutadiene	8.4	mg/kg	U
East canyon	21-11259	MD21-01-0179	5.5–6	Qbt 3	Hexachlorocyclopentadiene	41	mg/kg	U
East canyon	21-11259	MD21-01-0179	5.5–6	Qbt 3	Hexachloroethane	8.4	mg/kg	U
East canyon	21-11259	MD21-01-0179	5.5–6	Qbt 3	Indeno(1,2,3-cd)pyrene	8.4	mg/kg	U
East canyon	21-11259	MD21-01-0179	5.5–6	Qbt 3	Isophorone	8.4	mg/kg	U
East canyon	21-11259	MD21-01-0179	5.5–6	Qbt 3	Methylphenol[2-]	8.4	mg/kg	U
East canyon	21-11259	MD21-01-0179	5.5–6	Qbt 3	Methylphenol[4-]	8.4	mg/kg	U
East canyon	21-11259	MD21-01-0179	5.5–6	Qbt 3	Nitroaniline[2-]	41	mg/kg	U
East canyon	21-11259	MD21-01-0179	5.5–6	Qbt 3	Nitroaniline[3-]	41	mg/kg	U
East canyon	21-11259	MD21-01-0179	5.5–6	Qbt 3	Nitroaniline[4-]	41	mg/kg	U
East canyon	21-11259	MD21-01-0179	5.5–6	Qbt 3	Nitrobenzene	8.4	mg/kg	U
East canyon	21-11259	MD21-01-0179	5.5–6	Qbt 3	Nitrophenol[2-]	8.4	mg/kg	U
East canyon	21-11259	MD21-01-0179	5.5–6	Qbt 3	Nitrophenol[4-]	41	mg/kg	U
East canyon	21-11259	MD21-01-0179	5.5–6	Qbt 3	Nitroso-di-n-propylamine[N-]	8.4	mg/kg	U
East canyon	21-11259	MD21-01-0179	5.5–6	Qbt 3	Nitrosodimethylamine[N-]	8.4	mg/kg	U
East canyon	21-11259	MD21-01-0179	5.5–6	Qbt 3	Nitrosodiphenylamine[N-]	8.4	mg/kg	U
East canyon	21-11259	MD21-01-0179	5.5–6	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	8.4	mg/kg	U
East canyon	21-11259	MD21-01-0179	5.5–6	Qbt 3	Pentachlorophenol	41	mg/kg	U
East canyon	21-11259	MD21-01-0179	5.5–6	Qbt 3	Phenol	8.4	mg/kg	U
East canyon	21-11259	MD21-01-0179	5.5–6	Qbt 3	Trichlorobenzene[1,2,4-]	8.4	mg/kg	U
East canyon	21-11259	MD21-01-0179	5.5–6	Qbt 3	Trichlorophenol[2,4,5-]	8.4	mg/kg	U
East canyon	21-11259	MD21-01-0179	5.5–6	Qbt 3	Trichlorophenol[2,4,6-]	8.4	mg/kg	U
East canyon	21-11259	MD21-01-0179	5.5–6	Qbt 3	Chlorobenzene	0.0055	mg/kg	U
East canyon	21-11259	MD21-01-0179	5.5–6	Qbt 3	Dichlorobenzene[1,4-]	0.0055	mg/kg	U
East canyon	21-11259	MD21-01-0179	5.5–6	Qbt 3	Dichloroethene[1,1-]	0.0055	mg/kg	U
East canyon	21-11259	MD21-01-0179	5.5–6	Qbt 3	Trichloroethene	0.0055	mg/kg	U
East canyon	21-11259	MD21-01-0179	5.5–6	Qbt 3	Trimethylbenzene[1,2,4-]	0.0055	mg/kg	UJ
East canyon	21-11259	MD21-01-0179	5.5–6	Qbt 3	Trimethylbenzene[1,3,5-]	0.0055	mg/kg	UJ
East canyon	21-11259	MD21-01-0180	12–12.7	Qbt 3	Aluminum	1410	mg/kg	None
East canyon	21-11259	MD21-01-0180	12–12.7	Qbt 3	Antimony	0.89	mg/kg	U
East canyon	21-11259	MD21-01-0180	12–12.7	Qbt 3	Arsenic	0.12	mg/kg	U
East canyon	21-11259	MD21-01-0180	12–12.7	Qbt 3	Barium	13	mg/kg	J
East canyon	21-11259	MD21-01-0180	12–12.7	Qbt 3	Beryllium	0.71	mg/kg	None
East canyon	21-11259	MD21-01-0180	12–12.7	Qbt 3	Cadmium	0.071	mg/kg	U
East canyon	21-11259	MD21-01-0180	12–12.7	Qbt 3	Calcium	248	mg/kg	J
East canyon	21-11259	MD21-01-0180	12–12.7	Qbt 3	Chromium, total	1.7	mg/kg	None

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
East canyon	21-11259	MD21-01-0180	12–12.7	Qbt 3	Cobalt	0.32	mg/kg	J
East canyon	21-11259	MD21-01-0180	12–12.7	Qbt 3	Copper	2.1	mg/kg	J
East canyon	21-11259	MD21-01-0180	12–12.7	Qbt 3	Iron	6130	mg/kg	None
East canyon	21-11259	MD21-01-0180	12–12.7	Qbt 3	Magnesium	207	mg/kg	J
East canyon	21-11259	MD21-01-0180	12–12.7	Qbt 3	Manganese	330	mg/kg	J-
East canyon	21-11259	MD21-01-0180	12–12.7	Qbt 3	Mercury	0.019	mg/kg	U
East canyon	21-11259	MD21-01-0180	12–12.7	Qbt 3	Nickel	0.96	mg/kg	J
East canyon	21-11259	MD21-01-0180	12–12.7	Qbt 3	Potassium	264	mg/kg	U
East canyon	21-11259	MD21-01-0180	12–12.7	Qbt 3	Selenium	0.24	mg/kg	J
East canyon	21-11259	MD21-01-0180	12–12.7	Qbt 3	Silver	0.035	mg/kg	U
East canyon	21-11259	MD21-01-0180	12–12.7	Qbt 3	Sodium	205	mg/kg	U
East canyon	21-11259	MD21-01-0180	12–12.7	Qbt 3	Thallium	0.012	mg/kg	U
East canyon	21-11259	MD21-01-0180	12–12.7	Qbt 3	Vanadium	1	mg/kg	J
East canyon	21-11259	MD21-01-0180	12–12.7	Qbt 3	Zinc	35.9	mg/kg	J-
East canyon	21-11259	MD21-01-0180	12–12.7	Qbt 3	Acenaphthylene	0.37	mg/kg	U
East canyon	21-11259	MD21-01-0180	12–12.7	Qbt 3	Aniline	0.37	mg/kg	U
East canyon	21-11259	MD21-01-0180	12–12.7	Qbt 3	Azobenzene	0.37	mg/kg	U
East canyon	21-11259	MD21-01-0180	12–12.7	Qbt 3	Benzo(g,h,i)perylene	0.37	mg/kg	U
East canyon	21-11259	MD21-01-0180	12–12.7	Qbt 3	Benzoic acid	1.8	mg/kg	U
East canyon	21-11259	MD21-01-0180	12–12.7	Qbt 3	Benzyl alcohol	0.37	mg/kg	U
East canyon	21-11259	MD21-01-0180	12–12.7	Qbt 3	Bis(2-chloroethoxy)methane	0.37	mg/kg	U
East canyon	21-11259	MD21-01-0180	12–12.7	Qbt 3	Bis(2-chloroethyl)ether	0.37	mg/kg	U
East canyon	21-11259	MD21-01-0180	12–12.7	Qbt 3	Bis(2-ethylhexyl)phthalate	0.37	mg/kg	U
East canyon	21-11259	MD21-01-0180	12–12.7	Qbt 3	Bromophenyl-phenylether[4-]	0.37	mg/kg	U
East canyon	21-11259	MD21-01-0180	12–12.7	Qbt 3	Butylbenzylphthalate	0.37	mg/kg	U
East canyon	21-11259	MD21-01-0180	12–12.7	Qbt 3	Chloro-3-methylphenol[4-]	0.37	mg/kg	U
East canyon	21-11259	MD21-01-0180	12–12.7	Qbt 3	Chloroaniline[4-]	0.37	mg/kg	U
East canyon	21-11259	MD21-01-0180	12–12.7	Qbt 3	Chloronaphthalene[2-]	0.37	mg/kg	U
East canyon	21-11259	MD21-01-0180	12–12.7	Qbt 3	Chlorophenol[2-]	0.37	mg/kg	U
East canyon	21-11259	MD21-01-0180	12–12.7	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.37	mg/kg	U
East canyon	21-11259	MD21-01-0180	12–12.7	Qbt 3	Di-n-butylphthalate	0.37	mg/kg	U
East canyon	21-11259	MD21-01-0180	12–12.7	Qbt 3	Di-n-octylphthalate	0.37	mg/kg	U
East canyon	21-11259	MD21-01-0180	12–12.7	Qbt 3	Dibenzofuran	0.37	mg/kg	U
East canyon	21-11259	MD21-01-0180	12–12.7	Qbt 3	Dichlorobenzene[1,2-]	0.37	mg/kg	U
East canyon	21-11259	MD21-01-0180	12–12.7	Qbt 3	Dichlorobenzene[1,3-]	0.37	mg/kg	U
East canyon	21-11259	MD21-01-0180	12–12.7	Qbt 3	Dichlorobenzene[1,4-]	0.37	mg/kg	U
East canyon	21-11259	MD21-01-0180	12–12.7	Qbt 3	Dichlorobenzidine[3,3'-]	1.8	mg/kg	U
East canyon	21-11259	MD21-01-0180	12–12.7	Qbt 3	Dichlorophenol[2,4-]	0.37	mg/kg	U
East canyon	21-11259	MD21-01-0180	12–12.7	Qbt 3	Diethylphthalate	0.37	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
East canyon	21-11259	MD21-01-0180	12–12.7	Qbt 3	Dimethyl phthalate	0.37	mg/kg	U
East canyon	21-11259	MD21-01-0180	12–12.7	Qbt 3	Dimethylphenol[2,4-]	0.37	mg/kg	U
East canyon	21-11259	MD21-01-0180	12–12.7	Qbt 3	Dinitro-2-methylphenol[4,6-]	1.8	mg/kg	U
East canyon	21-11259	MD21-01-0180	12–12.7	Qbt 3	Dinitrophenol[2,4-]	1.8	mg/kg	U
East canyon	21-11259	MD21-01-0180	12–12.7	Qbt 3	Dinitrotoluene[2,4-]	0.37	mg/kg	U
East canyon	21-11259	MD21-01-0180	12–12.7	Qbt 3	Dinitrotoluene[2,6-]	0.37	mg/kg	U
East canyon	21-11259	MD21-01-0180	12–12.7	Qbt 3	Hexachlorobenzene	0.37	mg/kg	U
East canyon	21-11259	MD21-01-0180	12–12.7	Qbt 3	Hexachlorobutadiene	0.37	mg/kg	U
East canyon	21-11259	MD21-01-0180	12–12.7	Qbt 3	Hexachlorocyclopentadiene	1.8	mg/kg	U
East canyon	21-11259	MD21-01-0180	12–12.7	Qbt 3	Hexachloroethane	0.37	mg/kg	U
East canyon	21-11259	MD21-01-0180	12–12.7	Qbt 3	Indeno(1,2,3-cd)pyrene	0.37	mg/kg	U
East canyon	21-11259	MD21-01-0180	12–12.7	Qbt 3	Isophorone	0.37	mg/kg	U
East canyon	21-11259	MD21-01-0180	12–12.7	Qbt 3	Methylphenol[2-]	0.37	mg/kg	U
East canyon	21-11259	MD21-01-0180	12–12.7	Qbt 3	Methylphenol[4-]	0.37	mg/kg	U
East canyon	21-11259	MD21-01-0180	12–12.7	Qbt 3	Nitroaniline[2-]	1.8	mg/kg	U
East canyon	21-11259	MD21-01-0180	12–12.7	Qbt 3	Nitroaniline[3-]	1.8	mg/kg	U
East canyon	21-11259	MD21-01-0180	12–12.7	Qbt 3	Nitroaniline[4-]	1.8	mg/kg	U
East canyon	21-11259	MD21-01-0180	12–12.7	Qbt 3	Nitrobenzene	0.37	mg/kg	U
East canyon	21-11259	MD21-01-0180	12–12.7	Qbt 3	Nitrophenol[2-]	0.37	mg/kg	U
East canyon	21-11259	MD21-01-0180	12–12.7	Qbt 3	Nitrophenol[4-]	1.8	mg/kg	U
East canyon	21-11259	MD21-01-0180	12–12.7	Qbt 3	Nitroso-di-n-propylamine[N-]	0.37	mg/kg	U
East canyon	21-11259	MD21-01-0180	12–12.7	Qbt 3	Nitrosodimethylamine[N-]	0.37	mg/kg	U
East canyon	21-11259	MD21-01-0180	12–12.7	Qbt 3	Nitrosodiphenylamine[N-]	0.37	mg/kg	U
East canyon	21-11259	MD21-01-0180	12–12.7	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.37	mg/kg	U
East canyon	21-11259	MD21-01-0180	12–12.7	Qbt 3	Pentachlorophenol	1.8	mg/kg	U
East canyon	21-11259	MD21-01-0180	12–12.7	Qbt 3	Phenol	0.37	mg/kg	U
East canyon	21-11259	MD21-01-0180	12–12.7	Qbt 3	Trichlorobenzene[1,2,4-]	0.37	mg/kg	U
East canyon	21-11259	MD21-01-0180	12–12.7	Qbt 3	Trichlorophenol[2,4,5-]	0.37	mg/kg	U
East canyon	21-11259	MD21-01-0180	12–12.7	Qbt 3	Trichlorophenol[2,4,6-]	0.37	mg/kg	U
East canyon	21-11259	MD21-01-0180	12–12.7	Qbt 3	Trimethylbenzene[1,2,4-]	0.0056	mg/kg	U
East canyon	21-11259	MD21-01-0180	12–12.7	Qbt 3	Trimethylbenzene[1,3,5-]	0.0056	mg/kg	U
East canyon	21-11259	MD21-01-0181	14–15.3	Qbt 3	Aluminum	1580	mg/kg	None
East canyon	21-11259	MD21-01-0181	14–15.3	Qbt 3	Antimony	0.89	mg/kg	U
East canyon	21-11259	MD21-01-0181	14–15.3	Qbt 3	Arsenic	0.12	mg/kg	U
East canyon	21-11259	MD21-01-0181	14–15.3	Qbt 3	Barium	11.7	mg/kg	J
East canyon	21-11259	MD21-01-0181	14–15.3	Qbt 3	Beryllium	0.4	mg/kg	J
East canyon	21-11259	MD21-01-0181	14–15.3	Qbt 3	Cadmium	0.071	mg/kg	U
East canyon	21-11259	MD21-01-0181	14–15.3	Qbt 3	Calcium	247	mg/kg	J
East canyon	21-11259	MD21-01-0181	14–15.3	Qbt 3	Chromium, total	2.2	mg/kg	None

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
East canyon	21-11259	MD21-01-0181	14–15.3	Qbt 3	Cobalt	0.29	mg/kg	J
East canyon	21-11259	MD21-01-0181	14–15.3	Qbt 3	Copper	2.1	mg/kg	J
East canyon	21-11259	MD21-01-0181	14–15.3	Qbt 3	Iron	4820	mg/kg	None
East canyon	21-11259	MD21-01-0181	14–15.3	Qbt 3	Magnesium	183	mg/kg	J
East canyon	21-11259	MD21-01-0181	14–15.3	Qbt 3	Manganese	215	mg/kg	J-
East canyon	21-11259	MD21-01-0181	14–15.3	Qbt 3	Mercury	0.019	mg/kg	U
East canyon	21-11259	MD21-01-0181	14–15.3	Qbt 3	Nickel	1.1	mg/kg	J
East canyon	21-11259	MD21-01-0181	14–15.3	Qbt 3	Potassium	263	mg/kg	U
East canyon	21-11259	MD21-01-0181	14–15.3	Qbt 3	Selenium	0.22	mg/kg	U
East canyon	21-11259	MD21-01-0181	14–15.3	Qbt 3	Silver	0.035	mg/kg	U
East canyon	21-11259	MD21-01-0181	14–15.3	Qbt 3	Sodium	191	mg/kg	U
East canyon	21-11259	MD21-01-0181	14–15.3	Qbt 3	Thallium	0.012	mg/kg	U
East canyon	21-11259	MD21-01-0181	14–15.3	Qbt 3	Vanadium	0.38	mg/kg	J
East canyon	21-11259	MD21-01-0181	14–15.3	Qbt 3	Zinc	28.5	mg/kg	J-
East canyon	21-11259	MD21-01-0181	14–15.3	Qbt 3	Acenaphthylene	0.37	mg/kg	U
East canyon	21-11259	MD21-01-0181	14–15.3	Qbt 3	Aniline	0.37	mg/kg	U
East canyon	21-11259	MD21-01-0181	14–15.3	Qbt 3	Azobenzene	0.37	mg/kg	U
East canyon	21-11259	MD21-01-0181	14–15.3	Qbt 3	Benzo(g,h,i)perylene	0.37	mg/kg	U
East canyon	21-11259	MD21-01-0181	14–15.3	Qbt 3	Benzoic acid	1.8	mg/kg	U
East canyon	21-11259	MD21-01-0181	14–15.3	Qbt 3	Benzyl alcohol	0.37	mg/kg	U
East canyon	21-11259	MD21-01-0181	14–15.3	Qbt 3	Bis(2-chloroethoxy)methane	0.37	mg/kg	U
East canyon	21-11259	MD21-01-0181	14–15.3	Qbt 3	Bis(2-chloroethyl)ether	0.37	mg/kg	U
East canyon	21-11259	MD21-01-0181	14–15.3	Qbt 3	Bis(2-ethylhexyl)phthalate	0.37	mg/kg	U
East canyon	21-11259	MD21-01-0181	14–15.3	Qbt 3	Bromophenyl-phenylether[4-]	0.37	mg/kg	U
East canyon	21-11259	MD21-01-0181	14–15.3	Qbt 3	Butylbenzylphthalate	0.37	mg/kg	U
East canyon	21-11259	MD21-01-0181	14–15.3	Qbt 3	Chloro-3-methylphenol[4-]	0.37	mg/kg	U
East canyon	21-11259	MD21-01-0181	14–15.3	Qbt 3	Chloroaniline[4-]	0.37	mg/kg	U
East canyon	21-11259	MD21-01-0181	14–15.3	Qbt 3	Chloronaphthalene[2-]	0.37	mg/kg	U
East canyon	21-11259	MD21-01-0181	14–15.3	Qbt 3	Chlorophenol[2-]	0.37	mg/kg	U
East canyon	21-11259	MD21-01-0181	14–15.3	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.37	mg/kg	U
East canyon	21-11259	MD21-01-0181	14–15.3	Qbt 3	Di-n-butylphthalate	0.37	mg/kg	U
East canyon	21-11259	MD21-01-0181	14–15.3	Qbt 3	Di-n-octylphthalate	0.37	mg/kg	U
East canyon	21-11259	MD21-01-0181	14–15.3	Qbt 3	Dibenzofuran	0.37	mg/kg	U
East canyon	21-11259	MD21-01-0181	14–15.3	Qbt 3	Dichlorobenzene[1,2-]	0.37	mg/kg	U
East canyon	21-11259	MD21-01-0181	14–15.3	Qbt 3	Dichlorobenzene[1,3-]	0.37	mg/kg	U
East canyon	21-11259	MD21-01-0181	14–15.3	Qbt 3	Dichlorobenzene[1,4-]	0.37	mg/kg	U
East canyon	21-11259	MD21-01-0181	14–15.3	Qbt 3	Dichlorobenzidine[3,3'-]	1.8	mg/kg	U
East canyon	21-11259	MD21-01-0181	14–15.3	Qbt 3	Dichlorophenol[2,4-]	0.37	mg/kg	U
East canyon	21-11259	MD21-01-0181	14–15.3	Qbt 3	Diethylphthalate	0.37	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
East canyon	21-11259	MD21-01-0181	14–15.3	Qbt 3	Dimethyl phthalate	0.37	mg/kg	U
East canyon	21-11259	MD21-01-0181	14–15.3	Qbt 3	Dimethylphenol[2,4-]	0.37	mg/kg	U
East canyon	21-11259	MD21-01-0181	14–15.3	Qbt 3	Dinitro-2-methylphenol[4,6-]	1.8	mg/kg	U
East canyon	21-11259	MD21-01-0181	14–15.3	Qbt 3	Dinitrophenol[2,4-]	1.8	mg/kg	U
East canyon	21-11259	MD21-01-0181	14–15.3	Qbt 3	Dinitrotoluene[2,4-]	0.37	mg/kg	U
East canyon	21-11259	MD21-01-0181	14–15.3	Qbt 3	Dinitrotoluene[2,6-]	0.37	mg/kg	U
East canyon	21-11259	MD21-01-0181	14–15.3	Qbt 3	Hexachlorobenzene	0.37	mg/kg	U
East canyon	21-11259	MD21-01-0181	14–15.3	Qbt 3	Hexachlorobutadiene	0.37	mg/kg	U
East canyon	21-11259	MD21-01-0181	14–15.3	Qbt 3	Hexachlorocyclopentadiene	1.8	mg/kg	U
East canyon	21-11259	MD21-01-0181	14–15.3	Qbt 3	Hexachloroethane	0.37	mg/kg	U
East canyon	21-11259	MD21-01-0181	14–15.3	Qbt 3	Indeno(1,2,3-cd)pyrene	0.37	mg/kg	U
East canyon	21-11259	MD21-01-0181	14–15.3	Qbt 3	Isophorone	0.37	mg/kg	U
East canyon	21-11259	MD21-01-0181	14–15.3	Qbt 3	Methylphenol[2-]	0.37	mg/kg	U
East canyon	21-11259	MD21-01-0181	14–15.3	Qbt 3	Methylphenol[4-]	0.37	mg/kg	U
East canyon	21-11259	MD21-01-0181	14–15.3	Qbt 3	Nitroaniline[2-]	1.8	mg/kg	U
East canyon	21-11259	MD21-01-0181	14–15.3	Qbt 3	Nitroaniline[3-]	1.8	mg/kg	U
East canyon	21-11259	MD21-01-0181	14–15.3	Qbt 3	Nitroaniline[4-]	1.8	mg/kg	U
East canyon	21-11259	MD21-01-0181	14–15.3	Qbt 3	Nitrobenzene	0.37	mg/kg	U
East canyon	21-11259	MD21-01-0181	14–15.3	Qbt 3	Nitrophenol[2-]	0.37	mg/kg	U
East canyon	21-11259	MD21-01-0181	14–15.3	Qbt 3	Nitrophenol[4-]	1.8	mg/kg	U
East canyon	21-11259	MD21-01-0181	14–15.3	Qbt 3	Nitroso-di-n-propylamine[N-]	0.37	mg/kg	U
East canyon	21-11259	MD21-01-0181	14–15.3	Qbt 3	Nitrosodimethylamine[N-]	0.37	mg/kg	U
East canyon	21-11259	MD21-01-0181	14–15.3	Qbt 3	Nitrosodiphenylamine[N-]	0.37	mg/kg	U
East canyon	21-11259	MD21-01-0181	14–15.3	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.37	mg/kg	U
East canyon	21-11259	MD21-01-0181	14–15.3	Qbt 3	Pentachlorophenol	1.8	mg/kg	U
East canyon	21-11259	MD21-01-0181	14–15.3	Qbt 3	Phenol	0.37	mg/kg	U
East canyon	21-11259	MD21-01-0181	14–15.3	Qbt 3	Trichlorobenzene[1,2,4-]	0.37	mg/kg	U
East canyon	21-11259	MD21-01-0181	14–15.3	Qbt 3	Trichlorophenol[2,4,5-]	0.37	mg/kg	U
East canyon	21-11259	MD21-01-0181	14–15.3	Qbt 3	Trichlorophenol[2,4,6-]	0.37	mg/kg	U
East canyon	21-11259	MD21-01-0181	14–15.3	Qbt 3	Trimethylbenzene[1,2,4-]	0.0059	mg/kg	U
East canyon	21-11259	MD21-01-0181	14–15.3	Qbt 3	Trimethylbenzene[1,3,5-]	0.0059	mg/kg	U
East canyon	21-11260	MD21-01-0182	5.5–6	Qbt 3	Aluminum	1310	mg/kg	None
East canyon	21-11260	MD21-01-0182	5.5–6	Qbt 3	Antimony	0.26	mg/kg	U
East canyon	21-11260	MD21-01-0182	5.5–6	Qbt 3	Arsenic	1.2	mg/kg	None
East canyon	21-11260	MD21-01-0182	5.5–6	Qbt 3	Barium	14.3	mg/kg	J
East canyon	21-11260	MD21-01-0182	5.5–6	Qbt 3	Beryllium	0.49	mg/kg	J
East canyon	21-11260	MD21-01-0182	5.5–6	Qbt 3	Cadmium	0.018	mg/kg	U
East canyon	21-11260	MD21-01-0182	5.5–6	Qbt 3	Calcium	220	mg/kg	J
East canyon	21-11260	MD21-01-0182	5.5–6	Qbt 3	Chromium, total	0.28	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
East canyon	21-11260	MD21-01-0182	5.5–6	Qbt 3	Cobalt	0.5	mg/kg	J
East canyon	21-11260	MD21-01-0182	5.5–6	Qbt 3	Copper	2.2	mg/kg	J
East canyon	21-11260	MD21-01-0182	5.5–6	Qbt 3	Iron	4170	mg/kg	None
East canyon	21-11260	MD21-01-0182	5.5–6	Qbt 3	Magnesium	128	mg/kg	U
East canyon	21-11260	MD21-01-0182	5.5–6	Qbt 3	Manganese	207	mg/kg	None
East canyon	21-11260	MD21-01-0182	5.5–6	Qbt 3	Mercury	0.019	mg/kg	U
East canyon	21-11260	MD21-01-0182	5.5–6	Qbt 3	Nickel	1.4	mg/kg	J
East canyon	21-11260	MD21-01-0182	5.5–6	Qbt 3	Potassium	272	mg/kg	U
East canyon	21-11260	MD21-01-0182	5.5–6	Qbt 3	Selenium	0.27	mg/kg	J
East canyon	21-11260	MD21-01-0182	5.5–6	Qbt 3	Silver	0.53	mg/kg	UJ
East canyon	21-11260	MD21-01-0182	5.5–6	Qbt 3	Sodium	112	mg/kg	J-
East canyon	21-11260	MD21-01-0182	5.5–6	Qbt 3	Thallium	0.18	mg/kg	J
East canyon	21-11260	MD21-01-0182	5.5–6	Qbt 3	Vanadium	2	mg/kg	J
East canyon	21-11260	MD21-01-0182	5.5–6	Qbt 3	Zinc	26.4	mg/kg	None
East canyon	21-11260	MD21-01-0182	5.5–6	Qbt 3	Acenaphthylene	0.38	mg/kg	U
East canyon	21-11260	MD21-01-0182	5.5–6	Qbt 3	Aniline	0.38	mg/kg	U
East canyon	21-11260	MD21-01-0182	5.5–6	Qbt 3	Azobenzene	0.38	mg/kg	U
East canyon	21-11260	MD21-01-0182	5.5–6	Qbt 3	Benzo(g,h,i)perylene	0.38	mg/kg	U
East canyon	21-11260	MD21-01-0182	5.5–6	Qbt 3	Benzoic acid	1.9	mg/kg	U
East canyon	21-11260	MD21-01-0182	5.5–6	Qbt 3	Benzyl alcohol	0.38	mg/kg	U
East canyon	21-11260	MD21-01-0182	5.5–6	Qbt 3	Bis(2-chloroethoxy)methane	0.38	mg/kg	U
East canyon	21-11260	MD21-01-0182	5.5–6	Qbt 3	Bis(2-chloroethyl)ether	0.38	mg/kg	U
East canyon	21-11260	MD21-01-0182	5.5–6	Qbt 3	Bis(2-ethylhexyl)phthalate	0.38	mg/kg	U
East canyon	21-11260	MD21-01-0182	5.5–6	Qbt 3	Bromophenyl-phenylether[4-]	0.38	mg/kg	U
East canyon	21-11260	MD21-01-0182	5.5–6	Qbt 3	Butylbenzylphthalate	0.38	mg/kg	U
East canyon	21-11260	MD21-01-0182	5.5–6	Qbt 3	Chloro-3-methylphenol[4-]	0.38	mg/kg	U
East canyon	21-11260	MD21-01-0182	5.5–6	Qbt 3	Chloroaniline[4-]	0.38	mg/kg	U
East canyon	21-11260	MD21-01-0182	5.5–6	Qbt 3	Chloronaphthalene[2-]	0.38	mg/kg	U
East canyon	21-11260	MD21-01-0182	5.5–6	Qbt 3	Chlorophenol[2-]	0.38	mg/kg	U
East canyon	21-11260	MD21-01-0182	5.5–6	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.38	mg/kg	U
East canyon	21-11260	MD21-01-0182	5.5–6	Qbt 3	Di-n-butylphthalate	0.38	mg/kg	U
East canyon	21-11260	MD21-01-0182	5.5–6	Qbt 3	Di-n-octylphthalate	0.38	mg/kg	U
East canyon	21-11260	MD21-01-0182	5.5–6	Qbt 3	Dibenzofuran	0.38	mg/kg	U
East canyon	21-11260	MD21-01-0182	5.5–6	Qbt 3	Dichlorobenzene[1,2-]	0.38	mg/kg	U
East canyon	21-11260	MD21-01-0182	5.5–6	Qbt 3	Dichlorobenzene[1,3-]	0.38	mg/kg	U
East canyon	21-11260	MD21-01-0182	5.5–6	Qbt 3	Dichlorobenzene[1,4-]	0.38	mg/kg	U
East canyon	21-11260	MD21-01-0182	5.5–6	Qbt 3	Dichlorobenzidine[3,3'-]	1.9	mg/kg	U
East canyon	21-11260	MD21-01-0182	5.5–6	Qbt 3	Dichlorophenol[2,4-]	0.38	mg/kg	U
East canyon	21-11260	MD21-01-0182	5.5–6	Qbt 3	Diethylphthalate	0.38	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
East canyon	21-11260	MD21-01-0182	5.5–6	Qbt 3	Dimethyl phthalate	0.38	mg/kg	U
East canyon	21-11260	MD21-01-0182	5.5–6	Qbt 3	Dimethylphenol[2,4-]	0.38	mg/kg	U
East canyon	21-11260	MD21-01-0182	5.5–6	Qbt 3	Dinitro-2-methylphenol[4,6-]	1.9	mg/kg	U
East canyon	21-11260	MD21-01-0182	5.5–6	Qbt 3	Dinitrophenol[2,4-]	1.9	mg/kg	U
East canyon	21-11260	MD21-01-0182	5.5–6	Qbt 3	Dinitrotoluene[2,4-]	0.38	mg/kg	U
East canyon	21-11260	MD21-01-0182	5.5–6	Qbt 3	Dinitrotoluene[2,6-]	0.38	mg/kg	U
East canyon	21-11260	MD21-01-0182	5.5–6	Qbt 3	Hexachlorobenzene	0.38	mg/kg	U
East canyon	21-11260	MD21-01-0182	5.5–6	Qbt 3	Hexachlorobutadiene	0.38	mg/kg	U
East canyon	21-11260	MD21-01-0182	5.5–6	Qbt 3	Hexachlorocyclopentadiene	1.9	mg/kg	U
East canyon	21-11260	MD21-01-0182	5.5–6	Qbt 3	Hexachloroethane	0.38	mg/kg	U
East canyon	21-11260	MD21-01-0182	5.5–6	Qbt 3	Indeno(1,2,3-cd)pyrene	0.38	mg/kg	U
East canyon	21-11260	MD21-01-0182	5.5–6	Qbt 3	Isophorone	0.38	mg/kg	U
East canyon	21-11260	MD21-01-0182	5.5–6	Qbt 3	Methylphenol[2-]	0.38	mg/kg	U
East canyon	21-11260	MD21-01-0182	5.5–6	Qbt 3	Methylphenol[4-]	0.38	mg/kg	U
East canyon	21-11260	MD21-01-0182	5.5–6	Qbt 3	Nitroaniline[2-]	1.9	mg/kg	U
East canyon	21-11260	MD21-01-0182	5.5–6	Qbt 3	Nitroaniline[3-]	1.9	mg/kg	U
East canyon	21-11260	MD21-01-0182	5.5–6	Qbt 3	Nitroaniline[4-]	1.9	mg/kg	U
East canyon	21-11260	MD21-01-0182	5.5–6	Qbt 3	Nitrobenzene	0.38	mg/kg	U
East canyon	21-11260	MD21-01-0182	5.5–6	Qbt 3	Nitrophenol[2-]	0.38	mg/kg	U
East canyon	21-11260	MD21-01-0182	5.5–6	Qbt 3	Nitrophenol[4-]	1.9	mg/kg	U
East canyon	21-11260	MD21-01-0182	5.5–6	Qbt 3	Nitroso-di-n-propylamine[N-]	0.38	mg/kg	U
East canyon	21-11260	MD21-01-0182	5.5–6	Qbt 3	Nitrosodimethylamine[N-]	0.38	mg/kg	U
East canyon	21-11260	MD21-01-0182	5.5–6	Qbt 3	Nitrosodiphenylamine[N-]	0.38	mg/kg	U
East canyon	21-11260	MD21-01-0182	5.5–6	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.38	mg/kg	U
East canyon	21-11260	MD21-01-0182	5.5–6	Qbt 3	Pentachlorophenol	1.9	mg/kg	U
East canyon	21-11260	MD21-01-0182	5.5–6	Qbt 3	Phenol	0.38	mg/kg	U
East canyon	21-11260	MD21-01-0182	5.5–6	Qbt 3	Trichlorobenzene[1,2,4-]	0.38	mg/kg	U
East canyon	21-11260	MD21-01-0182	5.5–6	Qbt 3	Trichlorophenol[2,4,5-]	0.38	mg/kg	U
East canyon	21-11260	MD21-01-0182	5.5–6	Qbt 3	Trichlorophenol[2,4,6-]	0.38	mg/kg	U
East canyon	21-11260	MD21-01-0182	5.5–6	Qbt 3	Chlorobenzene	0.0057	mg/kg	U
East canyon	21-11260	MD21-01-0182	5.5–6	Qbt 3	Dichlorobenzene[1,4-]	0.0057	mg/kg	U
East canyon	21-11260	MD21-01-0182	5.5–6	Qbt 3	Dichloroethene[1,1-]	0.0057	mg/kg	U
East canyon	21-11260	MD21-01-0182	5.5–6	Qbt 3	Trichloroethene	0.0057	mg/kg	U
East canyon	21-11260	MD21-01-0182	5.5–6	Qbt 3	Trimethylbenzene[1,2,4-]	0.0057	mg/kg	U
East canyon	21-11260	MD21-01-0182	5.5–6	Qbt 3	Trimethylbenzene[1,3,5-]	0.0057	mg/kg	U
East canyon	21-11260	MD21-01-0183	9.5–10	Qbt 3	Aluminum	1060	mg/kg	None
East canyon	21-11260	MD21-01-0183	9.5–10	Qbt 3	Antimony	0.25	mg/kg	U
East canyon	21-11260	MD21-01-0183	9.5–10	Qbt 3	Arsenic	1	mg/kg	J
East canyon	21-11260	MD21-01-0183	9.5–10	Qbt 3	Barium	11.5	mg/kg	J

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
East canyon	21-11260	MD21-01-0183	9.5–10	Qbt 3	Beryllium	0.46	mg/kg	J
East canyon	21-11260	MD21-01-0183	9.5–10	Qbt 3	Cadmium	0.017	mg/kg	U
East canyon	21-11260	MD21-01-0183	9.5–10	Qbt 3	Calcium	246	mg/kg	J
East canyon	21-11260	MD21-01-0183	9.5–10	Qbt 3	Chromium, total	0.49	mg/kg	J
East canyon	21-11260	MD21-01-0183	9.5–10	Qbt 3	Cobalt	0.47	mg/kg	J
East canyon	21-11260	MD21-01-0183	9.5–10	Qbt 3	Copper	1.6	mg/kg	J
East canyon	21-11260	MD21-01-0183	9.5–10	Qbt 3	Iron	3820	mg/kg	None
East canyon	21-11260	MD21-01-0183	9.5–10	Qbt 3	Magnesium	123	mg/kg	U
East canyon	21-11260	MD21-01-0183	9.5–10	Qbt 3	Manganese	264	mg/kg	None
East canyon	21-11260	MD21-01-0183	9.5–10	Qbt 3	Mercury	0.019	mg/kg	U
East canyon	21-11260	MD21-01-0183	9.5–10	Qbt 3	Nickel	0.97	mg/kg	J
East canyon	21-11260	MD21-01-0183	9.5–10	Qbt 3	Potassium	476	mg/kg	J
East canyon	21-11260	MD21-01-0183	9.5–10	Qbt 3	Selenium	0.14	mg/kg	U
East canyon	21-11260	MD21-01-0183	9.5–10	Qbt 3	Silver	2.8	mg/kg	J+
East canyon	21-11260	MD21-01-0183	9.5–10	Qbt 3	Sodium	120	mg/kg	J-
East canyon	21-11260	MD21-01-0183	9.5–10	Qbt 3	Thallium	0.17	mg/kg	U
East canyon	21-11260	MD21-01-0183	9.5–10	Qbt 3	Vanadium	1.4	mg/kg	J
East canyon	21-11260	MD21-01-0183	9.5–10	Qbt 3	Zinc	54.7	mg/kg	None
East canyon	21-11260	MD21-01-0183	9.5–10	Qbt 3	Acenaphthylene	0.37	mg/kg	U
East canyon	21-11260	MD21-01-0183	9.5–10	Qbt 3	Aniline	0.37	mg/kg	U
East canyon	21-11260	MD21-01-0183	9.5–10	Qbt 3	Azobenzene	0.37	mg/kg	U
East canyon	21-11260	MD21-01-0183	9.5–10	Qbt 3	Benzo(g,h,i)perylene	0.37	mg/kg	U
East canyon	21-11260	MD21-01-0183	9.5–10	Qbt 3	Benzoic acid	1.8	mg/kg	U
East canyon	21-11260	MD21-01-0183	9.5–10	Qbt 3	Benzyl alcohol	0.37	mg/kg	U
East canyon	21-11260	MD21-01-0183	9.5–10	Qbt 3	Bis(2-chloroethoxy)methane	0.37	mg/kg	U
East canyon	21-11260	MD21-01-0183	9.5–10	Qbt 3	Bis(2-chloroethyl)ether	0.37	mg/kg	U
East canyon	21-11260	MD21-01-0183	9.5–10	Qbt 3	Bis(2-ethylhexyl)phthalate	0.37	mg/kg	U
East canyon	21-11260	MD21-01-0183	9.5–10	Qbt 3	Bromophenyl-phenylether[4-]	0.37	mg/kg	U
East canyon	21-11260	MD21-01-0183	9.5–10	Qbt 3	Butylbenzylphthalate	0.37	mg/kg	U
East canyon	21-11260	MD21-01-0183	9.5–10	Qbt 3	Chloro-3-methylphenol[4-]	0.37	mg/kg	U
East canyon	21-11260	MD21-01-0183	9.5–10	Qbt 3	Chloroaniline[4-]	0.37	mg/kg	U
East canyon	21-11260	MD21-01-0183	9.5–10	Qbt 3	Chloronaphthalene[2-]	0.37	mg/kg	U
East canyon	21-11260	MD21-01-0183	9.5–10	Qbt 3	Chlorophenol[2-]	0.37	mg/kg	U
East canyon	21-11260	MD21-01-0183	9.5–10	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.37	mg/kg	U
East canyon	21-11260	MD21-01-0183	9.5–10	Qbt 3	Di-n-butylphthalate	0.37	mg/kg	U
East canyon	21-11260	MD21-01-0183	9.5–10	Qbt 3	Di-n-octylphthalate	0.37	mg/kg	U
East canyon	21-11260	MD21-01-0183	9.5–10	Qbt 3	Dibenzofuran	0.37	mg/kg	U
East canyon	21-11260	MD21-01-0183	9.5–10	Qbt 3	Dichlorobenzene[1,2-]	0.37	mg/kg	U
East canyon	21-11260	MD21-01-0183	9.5–10	Qbt 3	Dichlorobenzene[1,3-]	0.37	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
East canyon	21-11260	MD21-01-0183	9.5–10	Qbt 3	Dichlorobenzene[1,4-]	0.37	mg/kg	U
East canyon	21-11260	MD21-01-0183	9.5–10	Qbt 3	Dichlorobenzidine[3,3'-]	1.8	mg/kg	U
East canyon	21-11260	MD21-01-0183	9.5–10	Qbt 3	Dichlorophenol[2,4-]	0.37	mg/kg	U
East canyon	21-11260	MD21-01-0183	9.5–10	Qbt 3	Diethylphthalate	0.37	mg/kg	U
East canyon	21-11260	MD21-01-0183	9.5–10	Qbt 3	Dimethyl phthalate	0.37	mg/kg	U
East canyon	21-11260	MD21-01-0183	9.5–10	Qbt 3	Dimethylphenol[2,4-]	0.37	mg/kg	U
East canyon	21-11260	MD21-01-0183	9.5–10	Qbt 3	Dinitro-2-methylphenol[4,6-]	1.8	mg/kg	U
East canyon	21-11260	MD21-01-0183	9.5–10	Qbt 3	Dinitrophenol[2,4-]	1.8	mg/kg	U
East canyon	21-11260	MD21-01-0183	9.5–10	Qbt 3	Dinitrotoluene[2,4-]	0.37	mg/kg	U
East canyon	21-11260	MD21-01-0183	9.5–10	Qbt 3	Dinitrotoluene[2,6-]	0.37	mg/kg	U
East canyon	21-11260	MD21-01-0183	9.5–10	Qbt 3	Hexachlorobenzene	0.37	mg/kg	U
East canyon	21-11260	MD21-01-0183	9.5–10	Qbt 3	Hexachlorobutadiene	0.37	mg/kg	U
East canyon	21-11260	MD21-01-0183	9.5–10	Qbt 3	Hexachlorocyclopentadiene	1.8	mg/kg	U
East canyon	21-11260	MD21-01-0183	9.5–10	Qbt 3	Hexachloroethane	0.37	mg/kg	U
East canyon	21-11260	MD21-01-0183	9.5–10	Qbt 3	Indeno(1,2,3-cd)pyrene	0.37	mg/kg	U
East canyon	21-11260	MD21-01-0183	9.5–10	Qbt 3	Isophorone	0.37	mg/kg	U
East canyon	21-11260	MD21-01-0183	9.5–10	Qbt 3	Methylphenol[2-]	0.37	mg/kg	U
East canyon	21-11260	MD21-01-0183	9.5–10	Qbt 3	Methylphenol[4-]	0.37	mg/kg	U
East canyon	21-11260	MD21-01-0183	9.5–10	Qbt 3	Nitroaniline[2-]	1.8	mg/kg	U
East canyon	21-11260	MD21-01-0183	9.5–10	Qbt 3	Nitroaniline[3-]	1.8	mg/kg	U
East canyon	21-11260	MD21-01-0183	9.5–10	Qbt 3	Nitroaniline[4-]	1.8	mg/kg	U
East canyon	21-11260	MD21-01-0183	9.5–10	Qbt 3	Nitrobenzene	0.37	mg/kg	U
East canyon	21-11260	MD21-01-0183	9.5–10	Qbt 3	Nitrophenol[2-]	0.37	mg/kg	U
East canyon	21-11260	MD21-01-0183	9.5–10	Qbt 3	Nitrophenol[4-]	1.8	mg/kg	U
East canyon	21-11260	MD21-01-0183	9.5–10	Qbt 3	Nitroso-di-n-propylamine[N-]	0.37	mg/kg	U
East canyon	21-11260	MD21-01-0183	9.5–10	Qbt 3	Nitrosodimethylamine[N-]	0.37	mg/kg	U
East canyon	21-11260	MD21-01-0183	9.5–10	Qbt 3	Nitrosodiphenylamine[N-]	0.37	mg/kg	U
East canyon	21-11260	MD21-01-0183	9.5–10	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.37	mg/kg	U
East canyon	21-11260	MD21-01-0183	9.5–10	Qbt 3	Pentachlorophenol	1.8	mg/kg	U
East canyon	21-11260	MD21-01-0183	9.5–10	Qbt 3	Phenol	0.37	mg/kg	U
East canyon	21-11260	MD21-01-0183	9.5–10	Qbt 3	Trichlorobenzene[1,2,4-]	0.37	mg/kg	U
East canyon	21-11260	MD21-01-0183	9.5–10	Qbt 3	Trichlorophenol[2,4,5-]	0.37	mg/kg	U
East canyon	21-11260	MD21-01-0183	9.5–10	Qbt 3	Trichlorophenol[2,4,6-]	0.37	mg/kg	U
East canyon	21-11260	MD21-01-0183	9.5–10	Qbt 3	Chlorobenzene	0.0053	mg/kg	U
East canyon	21-11260	MD21-01-0183	9.5–10	Qbt 3	Dichlorobenzene[1,4-]	0.0053	mg/kg	U
East canyon	21-11260	MD21-01-0183	9.5–10	Qbt 3	Dichloroethene[1,1-]	0.0053	mg/kg	U
East canyon	21-11260	MD21-01-0183	9.5–10	Qbt 3	Trichloroethene	0.0053	mg/kg	U
East canyon	21-11260	MD21-01-0183	9.5–10	Qbt 3	Trimethylbenzene[1,2,4-]	0.0053	mg/kg	U
East canyon	21-11260	MD21-01-0183	9.5–10	Qbt 3	Trimethylbenzene[1,3,5-]	0.0053	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
East canyon	21-11261	MD21-01-0184	1.5–2	Sediment	Aluminum	4040	mg/kg	None
East canyon	21-11261	MD21-01-0184	1.5–2	Sediment	Antimony	0.76	mg/kg	J
East canyon	21-11261	MD21-01-0184	1.5–2	Sediment	Arsenic	2.6	mg/kg	None
East canyon	21-11261	MD21-01-0184	1.5–2	Sediment	Barium	41	mg/kg	None
East canyon	21-11261	MD21-01-0184	1.5–2	Sediment	Beryllium	0.79	mg/kg	None
East canyon	21-11261	MD21-01-0184	1.5–2	Sediment	Cadmium	0.02	mg/kg	U
East canyon	21-11261	MD21-01-0184	1.5–2	Sediment	Calcium	1380	mg/kg	None
East canyon	21-11261	MD21-01-0184	1.5–2	Sediment	Chromium, total	4.9	mg/kg	None
East canyon	21-11261	MD21-01-0184	1.5–2	Sediment	Cobalt	3	mg/kg	J
East canyon	21-11261	MD21-01-0184	1.5–2	Sediment	Copper	11.4	mg/kg	None
East canyon	21-11261	MD21-01-0184	1.5–2	Sediment	Iron	5640	mg/kg	None
East canyon	21-11261	MD21-01-0184	1.5–2	Sediment	Magnesium	803	mg/kg	None
East canyon	21-11261	MD21-01-0184	1.5–2	Sediment	Manganese	79.5	mg/kg	None
East canyon	21-11261	MD21-01-0184	1.5–2	Sediment	Mercury	0.022	mg/kg	U
East canyon	21-11261	MD21-01-0184	1.5–2	Sediment	Nickel	4.4	mg/kg	J
East canyon	21-11261	MD21-01-0184	1.5–2	Sediment	Potassium	515	mg/kg	J
East canyon	21-11261	MD21-01-0184	1.5–2	Sediment	Selenium	0.37	mg/kg	J
East canyon	21-11261	MD21-01-0184	1.5–2	Sediment	Silver	0.6	mg/kg	UJ
East canyon	21-11261	MD21-01-0184	1.5–2	Sediment	Sodium	103	mg/kg	J-
East canyon	21-11261	MD21-01-0184	1.5–2	Sediment	Thallium	0.2	mg/kg	U
East canyon	21-11261	MD21-01-0184	1.5–2	Sediment	Vanadium	15.7	mg/kg	None
East canyon	21-11261	MD21-01-0184	1.5–2	Sediment	Zinc	65.5	mg/kg	None
East canyon	21-11261	MD21-01-0184	1.5–2	Sediment	Acenaphthylene	2.2	mg/kg	U
East canyon	21-11261	MD21-01-0184	1.5–2	Sediment	Aniline	2.2	mg/kg	U
East canyon	21-11261	MD21-01-0184	1.5–2	Sediment	Azobenzene	2.2	mg/kg	U
East canyon	21-11261	MD21-01-0184	1.5–2	Sediment	Benzo(g,h,i)perylene	2.2	mg/kg	U
East canyon	21-11261	MD21-01-0184	1.5–2	Sediment	Benzoic acid	11	mg/kg	U
East canyon	21-11261	MD21-01-0184	1.5–2	Sediment	Benzyl alcohol	2.2	mg/kg	U
East canyon	21-11261	MD21-01-0184	1.5–2	Sediment	Bis(2-chloroethoxy)methane	2.2	mg/kg	U
East canyon	21-11261	MD21-01-0184	1.5–2	Sediment	Bis(2-chloroethyl)ether	2.2	mg/kg	U
East canyon	21-11261	MD21-01-0184	1.5–2	Sediment	Bis(2-ethylhexyl)phthalate	2.2	mg/kg	U
East canyon	21-11261	MD21-01-0184	1.5–2	Sediment	Bromophenyl-phenylether[4-]	2.2	mg/kg	U
East canyon	21-11261	MD21-01-0184	1.5–2	Sediment	Butylbenzylphthalate	2.2	mg/kg	U
East canyon	21-11261	MD21-01-0184	1.5–2	Sediment	Chloro-3-methylphenol[4-]	2.2	mg/kg	U
East canyon	21-11261	MD21-01-0184	1.5–2	Sediment	Chloroaniline[4-]	2.2	mg/kg	U
East canyon	21-11261	MD21-01-0184	1.5–2	Sediment	Chloronaphthalene[2-]	2.2	mg/kg	U
East canyon	21-11261	MD21-01-0184	1.5–2	Sediment	Chlorophenol[2-]	2.2	mg/kg	U
East canyon	21-11261	MD21-01-0184	1.5–2	Sediment	Chlorophenyl-phenyl[4-] ether	2.2	mg/kg	U
East canyon	21-11261	MD21-01-0184	1.5–2	Sediment	Di-n-butylphthalate	2.2	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
East canyon	21-11261	MD21-01-0184	1.5–2	Sediment	Di-n-octylphthalate	2.2	mg/kg	U
East canyon	21-11261	MD21-01-0184	1.5–2	Sediment	Dibenzofuran	2.2	mg/kg	U
East canyon	21-11261	MD21-01-0184	1.5–2	Sediment	Dichlorobenzene[1,2-]	2.2	mg/kg	U
East canyon	21-11261	MD21-01-0184	1.5–2	Sediment	Dichlorobenzene[1,3-]	2.2	mg/kg	U
East canyon	21-11261	MD21-01-0184	1.5–2	Sediment	Dichlorobenzene[1,4-]	2.2	mg/kg	U
East canyon	21-11261	MD21-01-0184	1.5–2	Sediment	Dichlorobenzidine[3,3'-]	11	mg/kg	U
East canyon	21-11261	MD21-01-0184	1.5–2	Sediment	Dichlorophenol[2,4-]	2.2	mg/kg	U
East canyon	21-11261	MD21-01-0184	1.5–2	Sediment	Diethylphthalate	2.2	mg/kg	U
East canyon	21-11261	MD21-01-0184	1.5–2	Sediment	Dimethyl phthalate	2.2	mg/kg	U
East canyon	21-11261	MD21-01-0184	1.5–2	Sediment	Dimethylphenol[2,4-]	2.2	mg/kg	U
East canyon	21-11261	MD21-01-0184	1.5–2	Sediment	Dinitro-2-methylphenol[4,6-]	11	mg/kg	U
East canyon	21-11261	MD21-01-0184	1.5–2	Sediment	Dinitrophenol[2,4-]	11	mg/kg	U
East canyon	21-11261	MD21-01-0184	1.5–2	Sediment	Dinitrotoluene[2,4-]	2.2	mg/kg	U
East canyon	21-11261	MD21-01-0184	1.5–2	Sediment	Dinitrotoluene[2,6-]	2.2	mg/kg	U
East canyon	21-11261	MD21-01-0184	1.5–2	Sediment	Hexachlorobenzene	2.2	mg/kg	U
East canyon	21-11261	MD21-01-0184	1.5–2	Sediment	Hexachlorobutadiene	2.2	mg/kg	U
East canyon	21-11261	MD21-01-0184	1.5–2	Sediment	Hexachlorocyclopentadiene	11	mg/kg	U
East canyon	21-11261	MD21-01-0184	1.5–2	Sediment	Hexachloroethane	2.2	mg/kg	U
East canyon	21-11261	MD21-01-0184	1.5–2	Sediment	Indeno(1,2,3-cd)pyrene	2.2	mg/kg	U
East canyon	21-11261	MD21-01-0184	1.5–2	Sediment	Isophorone	2.2	mg/kg	U
East canyon	21-11261	MD21-01-0184	1.5–2	Sediment	Methylphenol[2-]	2.2	mg/kg	U
East canyon	21-11261	MD21-01-0184	1.5–2	Sediment	Methylphenol[4-]	2.2	mg/kg	U
East canyon	21-11261	MD21-01-0184	1.5–2	Sediment	Nitroaniline[2-]	11	mg/kg	U
East canyon	21-11261	MD21-01-0184	1.5–2	Sediment	Nitroaniline[3-]	11	mg/kg	U
East canyon	21-11261	MD21-01-0184	1.5–2	Sediment	Nitroaniline[4-]	11	mg/kg	U
East canyon	21-11261	MD21-01-0184	1.5–2	Sediment	Nitrobenzene	2.2	mg/kg	U
East canyon	21-11261	MD21-01-0184	1.5–2	Sediment	Nitrophenol[2-]	2.2	mg/kg	U
East canyon	21-11261	MD21-01-0184	1.5–2	Sediment	Nitrophenol[4-]	11	mg/kg	U
East canyon	21-11261	MD21-01-0184	1.5–2	Sediment	Nitroso-di-n-propylamine[N-]	2.2	mg/kg	U
East canyon	21-11261	MD21-01-0184	1.5–2	Sediment	Nitrosodimethylamine[N-]	2.2	mg/kg	U
East canyon	21-11261	MD21-01-0184	1.5–2	Sediment	Nitrosodiphenylamine[N-]	2.2	mg/kg	U
East canyon	21-11261	MD21-01-0184	1.5–2	Sediment	Oxybis(1-chloropropane)[2,2'-]	2.2	mg/kg	U
East canyon	21-11261	MD21-01-0184	1.5–2	Sediment	Pentachlorophenol	11	mg/kg	U
East canyon	21-11261	MD21-01-0184	1.5–2	Sediment	Phenol	2.2	mg/kg	U
East canyon	21-11261	MD21-01-0184	1.5–2	Sediment	Trichlorobenzene[1,2,4-]	2.2	mg/kg	U
East canyon	21-11261	MD21-01-0184	1.5–2	Sediment	Trichlorophenol[2,4,5-]	2.2	mg/kg	U
East canyon	21-11261	MD21-01-0184	1.5–2	Sediment	Trichlorophenol[2,4,6-]	2.2	mg/kg	U
East canyon	21-11261	MD21-01-0184	1.5–2	Sediment	Trimethylbenzene[1,2,4-]	0.0059	mg/kg	U
East canyon	21-11261	MD21-01-0184	1.5–2	Sediment	Trimethylbenzene[1,3,5-]	0.0059	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
East canyon	21-11261	MD21-01-0185	9.5–10	Qbt 3	Aluminum	1320	mg/kg	None
East canyon	21-11261	MD21-01-0185	9.5–10	Qbt 3	Antimony	0.25	mg/kg	U
East canyon	21-11261	MD21-01-0185	9.5–10	Qbt 3	Arsenic	1.4	mg/kg	None
East canyon	21-11261	MD21-01-0185	9.5–10	Qbt 3	Barium	19.7	mg/kg	J
East canyon	21-11261	MD21-01-0185	9.5–10	Qbt 3	Beryllium	0.94	mg/kg	None
East canyon	21-11261	MD21-01-0185	9.5–10	Qbt 3	Cadmium	0.017	mg/kg	U
East canyon	21-11261	MD21-01-0185	9.5–10	Qbt 3	Calcium	307	mg/kg	J
East canyon	21-11261	MD21-01-0185	9.5–10	Qbt 3	Chromium, total	1.2	mg/kg	None
East canyon	21-11261	MD21-01-0185	9.5–10	Qbt 3	Cobalt	2.7	mg/kg	J
East canyon	21-11261	MD21-01-0185	9.5–10	Qbt 3	Copper	2.7	mg/kg	J
East canyon	21-11261	MD21-01-0185	9.5–10	Qbt 3	Iron	5830	mg/kg	None
East canyon	21-11261	MD21-01-0185	9.5–10	Qbt 3	Magnesium	212	mg/kg	J
East canyon	21-11261	MD21-01-0185	9.5–10	Qbt 3	Manganese	356	mg/kg	None
East canyon	21-11261	MD21-01-0185	9.5–10	Qbt 3	Mercury	0.019	mg/kg	U
East canyon	21-11261	MD21-01-0185	9.5–10	Qbt 3	Nickel	1.7	mg/kg	J
East canyon	21-11261	MD21-01-0185	9.5–10	Qbt 3	Potassium	260	mg/kg	U
East canyon	21-11261	MD21-01-0185	9.5–10	Qbt 3	Selenium	0.13	mg/kg	U
East canyon	21-11261	MD21-01-0185	9.5–10	Qbt 3	Silver	0.5	mg/kg	UJ
East canyon	21-11261	MD21-01-0185	9.5–10	Qbt 3	Sodium	94.5	mg/kg	J-
East canyon	21-11261	MD21-01-0185	9.5–10	Qbt 3	Thallium	0.17	mg/kg	U
East canyon	21-11261	MD21-01-0185	9.5–10	Qbt 3	Vanadium	2.7	mg/kg	J
East canyon	21-11261	MD21-01-0185	9.5–10	Qbt 3	Zinc	36.3	mg/kg	None
East canyon	21-11261	MD21-01-0185	9.5–10	Qbt 3	Acenaphthylene	0.37	mg/kg	U
East canyon	21-11261	MD21-01-0185	9.5–10	Qbt 3	Aniline	0.37	mg/kg	U
East canyon	21-11261	MD21-01-0185	9.5–10	Qbt 3	Azobenzene	0.37	mg/kg	U
East canyon	21-11261	MD21-01-0185	9.5–10	Qbt 3	Benzo(g,h,i)perylene	0.37	mg/kg	U
East canyon	21-11261	MD21-01-0185	9.5–10	Qbt 3	Benzoic acid	1.8	mg/kg	U
East canyon	21-11261	MD21-01-0185	9.5–10	Qbt 3	Benzyl alcohol	0.37	mg/kg	U
East canyon	21-11261	MD21-01-0185	9.5–10	Qbt 3	Bis(2-chloroethoxy)methane	0.37	mg/kg	U
East canyon	21-11261	MD21-01-0185	9.5–10	Qbt 3	Bis(2-chloroethyl)ether	0.37	mg/kg	U
East canyon	21-11261	MD21-01-0185	9.5–10	Qbt 3	Bis(2-ethylhexyl)phthalate	0.37	mg/kg	U
East canyon	21-11261	MD21-01-0185	9.5–10	Qbt 3	Bromophenyl-phenylether[4-]	0.37	mg/kg	U
East canyon	21-11261	MD21-01-0185	9.5–10	Qbt 3	Butylbenzylphthalate	0.37	mg/kg	U
East canyon	21-11261	MD21-01-0185	9.5–10	Qbt 3	Chloro-3-methylphenol[4-]	0.37	mg/kg	U
East canyon	21-11261	MD21-01-0185	9.5–10	Qbt 3	Chloroaniline[4-]	0.37	mg/kg	U
East canyon	21-11261	MD21-01-0185	9.5–10	Qbt 3	Chloronaphthalene[2-]	0.37	mg/kg	U
East canyon	21-11261	MD21-01-0185	9.5–10	Qbt 3	Chlorophenol[2-]	0.37	mg/kg	U
East canyon	21-11261	MD21-01-0185	9.5–10	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.37	mg/kg	U
East canyon	21-11261	MD21-01-0185	9.5–10	Qbt 3	Di-n-butylphthalate	0.37	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
East canyon	21-11261	MD21-01-0185	9.5–10	Qbt 3	Di-n-octylphthalate	0.37	mg/kg	U
East canyon	21-11261	MD21-01-0185	9.5–10	Qbt 3	Dibenzofuran	0.37	mg/kg	U
East canyon	21-11261	MD21-01-0185	9.5–10	Qbt 3	Dichlorobenzene[1,2-]	0.37	mg/kg	U
East canyon	21-11261	MD21-01-0185	9.5–10	Qbt 3	Dichlorobenzene[1,3-]	0.37	mg/kg	U
East canyon	21-11261	MD21-01-0185	9.5–10	Qbt 3	Dichlorobenzene[1,4-]	0.37	mg/kg	U
East canyon	21-11261	MD21-01-0185	9.5–10	Qbt 3	Dichlorobenzidine[3,3'-]	1.8	mg/kg	U
East canyon	21-11261	MD21-01-0185	9.5–10	Qbt 3	Dichlorophenol[2,4-]	0.37	mg/kg	U
East canyon	21-11261	MD21-01-0185	9.5–10	Qbt 3	Diethylphthalate	0.37	mg/kg	U
East canyon	21-11261	MD21-01-0185	9.5–10	Qbt 3	Dimethyl phthalate	0.37	mg/kg	U
East canyon	21-11261	MD21-01-0185	9.5–10	Qbt 3	Dimethylphenol[2,4-]	0.37	mg/kg	U
East canyon	21-11261	MD21-01-0185	9.5–10	Qbt 3	Dinitro-2-methylphenol[4,6-]	1.8	mg/kg	U
East canyon	21-11261	MD21-01-0185	9.5–10	Qbt 3	Dinitrophenol[2,4-]	1.8	mg/kg	U
East canyon	21-11261	MD21-01-0185	9.5–10	Qbt 3	Dinitrotoluene[2,4-]	0.37	mg/kg	U
East canyon	21-11261	MD21-01-0185	9.5–10	Qbt 3	Dinitrotoluene[2,6-]	0.37	mg/kg	U
East canyon	21-11261	MD21-01-0185	9.5–10	Qbt 3	Hexachlorobenzene	0.37	mg/kg	U
East canyon	21-11261	MD21-01-0185	9.5–10	Qbt 3	Hexachlorobutadiene	0.37	mg/kg	U
East canyon	21-11261	MD21-01-0185	9.5–10	Qbt 3	Hexachlorocyclopentadiene	1.8	mg/kg	U
East canyon	21-11261	MD21-01-0185	9.5–10	Qbt 3	Hexachloroethane	0.37	mg/kg	U
East canyon	21-11261	MD21-01-0185	9.5–10	Qbt 3	Indeno(1,2,3-cd)pyrene	0.37	mg/kg	U
East canyon	21-11261	MD21-01-0185	9.5–10	Qbt 3	Isophorone	0.37	mg/kg	U
East canyon	21-11261	MD21-01-0185	9.5–10	Qbt 3	Methylphenol[2-]	0.37	mg/kg	U
East canyon	21-11261	MD21-01-0185	9.5–10	Qbt 3	Methylphenol[4-]	0.37	mg/kg	U
East canyon	21-11261	MD21-01-0185	9.5–10	Qbt 3	Nitroaniline[2-]	1.8	mg/kg	U
East canyon	21-11261	MD21-01-0185	9.5–10	Qbt 3	Nitroaniline[3-]	1.8	mg/kg	U
East canyon	21-11261	MD21-01-0185	9.5–10	Qbt 3	Nitroaniline[4-]	1.8	mg/kg	U
East canyon	21-11261	MD21-01-0185	9.5–10	Qbt 3	Nitrobenzene	0.37	mg/kg	U
East canyon	21-11261	MD21-01-0185	9.5–10	Qbt 3	Nitrophenol[2-]	0.37	mg/kg	U
East canyon	21-11261	MD21-01-0185	9.5–10	Qbt 3	Nitrophenol[4-]	1.8	mg/kg	U
East canyon	21-11261	MD21-01-0185	9.5–10	Qbt 3	Nitroso-di-n-propylamine[N-]	0.37	mg/kg	U
East canyon	21-11261	MD21-01-0185	9.5–10	Qbt 3	Nitrosodimethylamine[N-]	0.37	mg/kg	U
East canyon	21-11261	MD21-01-0185	9.5–10	Qbt 3	Nitrosodiphenylamine[N-]	0.37	mg/kg	U
East canyon	21-11261	MD21-01-0185	9.5–10	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.37	mg/kg	U
East canyon	21-11261	MD21-01-0185	9.5–10	Qbt 3	Pentachlorophenol	1.8	mg/kg	U
East canyon	21-11261	MD21-01-0185	9.5–10	Qbt 3	Phenol	0.37	mg/kg	U
East canyon	21-11261	MD21-01-0185	9.5–10	Qbt 3	Trichlorobenzene[1,2,4-]	0.37	mg/kg	U
East canyon	21-11261	MD21-01-0185	9.5–10	Qbt 3	Trichlorophenol[2,4,5-]	0.37	mg/kg	U
East canyon	21-11261	MD21-01-0185	9.5–10	Qbt 3	Trichlorophenol[2,4,6-]	0.37	mg/kg	U
East canyon	21-11261	MD21-01-0185	9.5–10	Qbt 3	Trimethylbenzene[1,2,4-]	0.0056	mg/kg	U
East canyon	21-11261	MD21-01-0185	9.5–10	Qbt 3	Trimethylbenzene[1,3,5-]	0.0056	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Drainage[b]	21-11131	MD21-00-0037	0–0.5	Sediment	Aluminum	3100	mg/kg	J-
Drainage	21-11131	MD21-00-0037	0–0.5	Sediment	Antimony	0.37	mg/kg	UJ
Drainage	21-11131	MD21-00-0037	0–0.5	Sediment	Arsenic	1.3	mg/kg	None
Drainage	21-11131	MD21-00-0037	0–0.5	Sediment	Barium	56	mg/kg	None
Drainage	21-11131	MD21-00-0037	0–0.5	Sediment	Beryllium	0.22	mg/kg	J
Drainage	21-11131	MD21-00-0037	0–0.5	Sediment	Cadmium	0.02	mg/kg	J
Drainage	21-11131	MD21-00-0037	0–0.5	Sediment	Calcium	2400	mg/kg	None
Drainage	21-11131	MD21-00-0037	0–0.5	Sediment	Chromium, total	5.1	mg/kg	None
Drainage	21-11131	MD21-00-0037	0–0.5	Sediment	Cobalt	3.2	mg/kg	None
Drainage	21-11131	MD21-00-0037	0–0.5	Sediment	Copper	7.4	mg/kg	None
Drainage	21-11131	MD21-00-0037	0–0.5	Sediment	Iron	7100	mg/kg	None
Drainage	21-11131	MD21-00-0037	0–0.5	Sediment	Magnesium	1500	mg/kg	None
Drainage	21-11131	MD21-00-0037	0–0.5	Sediment	Manganese	150	mg/kg	None
Drainage	21-11131	MD21-00-0037	0–0.5	Sediment	Mercury	0.023	mg/kg	U
Drainage	21-11131	MD21-00-0037	0–0.5	Sediment	Nickel	5.1	mg/kg	None
Drainage	21-11131	MD21-00-0037	0–0.5	Sediment	Potassium	490	mg/kg	None
Drainage	21-11131	MD21-00-0037	0–0.5	Sediment	Selenium	0.43	mg/kg	J+
Drainage	21-11131	MD21-00-0037	0–0.5	Sediment	Silver	0.093	mg/kg	U
Drainage	21-11131	MD21-00-0037	0–0.5	Sediment	Sodium	66	mg/kg	J
Drainage	21-11131	MD21-00-0037	0–0.5	Sediment	Thallium	0.36	mg/kg	U
Drainage	21-11131	MD21-00-0037	0–0.5	Sediment	Vanadium	12	mg/kg	None
Drainage	21-11131	MD21-00-0037	0–0.5	Sediment	Zinc	47	mg/kg	None
Drainage	21-11131	MD21-00-0037	0–0.5	Sediment	Acenaphthylene	3.5	mg/kg	U
Drainage	21-11131	MD21-00-0037	0–0.5	Sediment	Aniline	7	mg/kg	U
Drainage	21-11131	MD21-00-0037	0–0.5	Sediment	Azobenzene	7	mg/kg	U
Drainage	21-11131	MD21-00-0037	0–0.5	Sediment	Benzidine	3.5	mg/kg	U
Drainage	21-11131	MD21-00-0037	0–0.5	Sediment	Benzo(g,h,i)perylene	3.5	mg/kg	UJ
Drainage	21-11131	MD21-00-0037	0–0.5	Sediment	Benzoic acid	18	mg/kg	U
Drainage	21-11131	MD21-00-0037	0–0.5	Sediment	Benzyl alcohol	7	mg/kg	U
Drainage	21-11131	MD21-00-0037	0–0.5	Sediment	Bis(2-chloroethoxy)methane	3.5	mg/kg	U
Drainage	21-11131	MD21-00-0037	0–0.5	Sediment	Bis(2-chloroethyl)ether	3.5	mg/kg	U
Drainage	21-11131	MD21-00-0037	0–0.5	Sediment	Bis(2-ethylhexyl)phthalate	3.5	mg/kg	UJ
Drainage	21-11131	MD21-00-0037	0–0.5	Sediment	Bromophenyl-phenylether[4-]	3.5	mg/kg	U
Drainage	21-11131	MD21-00-0037	0–0.5	Sediment	Butylbenzylphthalate	3.5	mg/kg	UJ
Drainage	21-11131	MD21-00-0037	0–0.5	Sediment	Carbazole	3.5	mg/kg	U
Drainage	21-11131	MD21-00-0037	0–0.5	Sediment	Chloro-3-methylphenol[4-]	7	mg/kg	U
Drainage	21-11131	MD21-00-0037	0–0.5	Sediment	Chloroaniline[4-]	7	mg/kg	U
Drainage	21-11131	MD21-00-0037	0–0.5	Sediment	Chloronaphthalene[2-]	3.5	mg/kg	U
Drainage	21-11131	MD21-00-0037	0–0.5	Sediment	Chlorophenol[2-]	3.5	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Drainage	21-11131	MD21-00-0037	0–0.5	Sediment	Chlorophenyl-phenyl[4-] ether	3.5	mg/kg	U
Drainage	21-11131	MD21-00-0037	0–0.5	Sediment	Di-n-butylphthalate	3.5	mg/kg	U
Drainage	21-11131	MD21-00-0037	0–0.5	Sediment	Di-n-octylphthalate	3.5	mg/kg	UJ
Drainage	21-11131	MD21-00-0037	0–0.5	Sediment	Dibenzofuran	3.5	mg/kg	U
Drainage	21-11131	MD21-00-0037	0–0.5	Sediment	Dichlorobenzene[1,2-]	3.5	mg/kg	U
Drainage	21-11131	MD21-00-0037	0–0.5	Sediment	Dichlorobenzene[1,3-]	3.5	mg/kg	U
Drainage	21-11131	MD21-00-0037	0–0.5	Sediment	Dichlorobenzene[1,4-]	3.5	mg/kg	U
Drainage	21-11131	MD21-00-0037	0–0.5	Sediment	Dichlorobenzidine[3,3'-]	7	mg/kg	UJ
Drainage	21-11131	MD21-00-0037	0–0.5	Sediment	Dichlorophenol[2,4-]	3.5	mg/kg	U
Drainage	21-11131	MD21-00-0037	0–0.5	Sediment	Diethylphthalate	3.5	mg/kg	U
Drainage	21-11131	MD21-00-0037	0–0.5	Sediment	Dimethyl phthalate	3.5	mg/kg	U
Drainage	21-11131	MD21-00-0037	0–0.5	Sediment	Dimethylphenol[2,4-]	3.5	mg/kg	U
Drainage	21-11131	MD21-00-0037	0–0.5	Sediment	Dinitro-2-methylphenol[4,6-]	18	mg/kg	U
Drainage	21-11131	MD21-00-0037	0–0.5	Sediment	Dinitrophenol[2,4-]	18	mg/kg	U
Drainage	21-11131	MD21-00-0037	0–0.5	Sediment	Dinitrotoluene[2,4-]	3.5	mg/kg	U
Drainage	21-11131	MD21-00-0037	0–0.5	Sediment	Dinitrotoluene[2,6-]	3.5	mg/kg	U
Drainage	21-11131	MD21-00-0037	0–0.5	Sediment	Hexachlorobenzene	3.5	mg/kg	U
Drainage	21-11131	MD21-00-0037	0–0.5	Sediment	Hexachlorobutadiene	3.5	mg/kg	U
Drainage	21-11131	MD21-00-0037	0–0.5	Sediment	Hexachlorocyclopentadiene	3.5	mg/kg	U
Drainage	21-11131	MD21-00-0037	0–0.5	Sediment	Hexachloroethane	3.5	mg/kg	U
Drainage	21-11131	MD21-00-0037	0–0.5	Sediment	Indeno(1,2,3-cd)pyrene	3.5	mg/kg	UJ
Drainage	21-11131	MD21-00-0037	0–0.5	Sediment	Isophorone	3.5	mg/kg	U
Drainage	21-11131	MD21-00-0037	0–0.5	Sediment	Methylphenol[2-]	3.5	mg/kg	U
Drainage	21-11131	MD21-00-0037	0–0.5	Sediment	Methylphenol[4-]	3.5	mg/kg	U
Drainage	21-11131	MD21-00-0037	0–0.5	Sediment	Nitroaniline[2-]	18	mg/kg	U
Drainage	21-11131	MD21-00-0037	0–0.5	Sediment	Nitroaniline[3-]	18	mg/kg	U
Drainage	21-11131	MD21-00-0037	0–0.5	Sediment	Nitroaniline[4-]	7	mg/kg	U
Drainage	21-11131	MD21-00-0037	0–0.5	Sediment	Nitrobenzene	3.5	mg/kg	U
Drainage	21-11131	MD21-00-0037	0–0.5	Sediment	Nitrophenol[2-]	3.5	mg/kg	U
Drainage	21-11131	MD21-00-0037	0–0.5	Sediment	Nitrophenol[4-]	18	mg/kg	U
Drainage	21-11131	MD21-00-0037	0–0.5	Sediment	Nitroso-di-n-propylamine[N-]	3.5	mg/kg	U
Drainage	21-11131	MD21-00-0037	0–0.5	Sediment	Nitrosodimethylamine[N-]	3.5	mg/kg	U
Drainage	21-11131	MD21-00-0037	0–0.5	Sediment	Nitrosodiphenylamine[N-]	3.5	mg/kg	U
Drainage	21-11131	MD21-00-0037	0–0.5	Sediment	Oxybis(1-chloropropane)[2,2'-]	3.5	mg/kg	U
Drainage	21-11131	MD21-00-0037	0–0.5	Sediment	Pentachlorophenol	18	mg/kg	U
Drainage	21-11131	MD21-00-0037	0–0.5	Sediment	Phenol	3.5	mg/kg	U
Drainage	21-11131	MD21-00-0037	0–0.5	Sediment	Pyridine	3.5	mg/kg	U
Drainage	21-11131	MD21-00-0037	0–0.5	Sediment	Trichlorobenzene[1,2,4-]	3.5	mg/kg	U
Drainage	21-11131	MD21-00-0037	0–0.5	Sediment	Trichlorophenol[2,4,5-]	18	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Drainage	21-11131	MD21-00-0037	0–0.5	Sediment	Trichlorophenol[2,4,6-]	3.5	mg/kg	U
Drainage	21-11131	MD21-00-0037	0–0.5	Sediment	Trimethylbenzene[1,2,4-]	0.0069	mg/kg	U
Drainage	21-11131	MD21-00-0037	0–0.5	Sediment	Trimethylbenzene[1,3,5-]	0.0069	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Aluminum	8300	mg/kg	None
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Antimony	0.0123	mg/kg	J-
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Arsenic	2.8	mg/kg	None
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Barium	81	mg/kg	None
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Beryllium	0.46	mg/kg	J
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Cadmium	0.19	mg/kg	J+
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Calcium	2600	mg/kg	None
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Chromium, total	8.3	mg/kg	None
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Cobalt	4.2	mg/kg	None
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Copper	10	mg/kg	None
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Iron	9700	mg/kg	None
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Magnesium	1500	mg/kg	None
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Manganese	210	mg/kg	None
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Mercury	0.025	mg/kg	J
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Nickel	6.5	mg/kg	None
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Potassium	1100	mg/kg	None
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Selenium	0.291	mg/kg	None
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Silver	1.8	mg/kg	None
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Sodium	140	mg/kg	None
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Thallium	0.103	mg/kg	J
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Vanadium	21	mg/kg	None
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Zinc	64	mg/kg	None
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Ethanol	5.3	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Acenaphthylene	1.8	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Aniline	1.8	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Azobenzene	1.8	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Benzo(g,h,i)perylene	1.8	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Benzoic acid	4.4	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Benzyl alcohol	1.8	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Bis(2-chloroethoxy)methane	1.8	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Bis(2-chloroethyl)ether	1.8	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Bis(2-ethylhexyl)phthalate	0.19	mg/kg	J+
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Bromophenyl-phenylether[4-]	1.8	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Butylbenzylphthalate	1.8	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Chloro-3-methylphenol[4-]	1.8	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Chloroaniline[4-]	1.8	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Chloronaphthalene[2-]	1.8	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Chlorophenol[2-]	1.8	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Chlorophenyl-phenyl[4-] ether	1.8	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Di-n-butylphthalate	1.8	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Di-n-octylphthalate	1.8	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Dibenzofuran	1.8	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Dichlorobenzene[1,2-]	1.8	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Dichlorobenzene[1,3-]	1.8	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Dichlorobenzene[1,4-]	1.8	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Dichlorobenzidine[3,3'-]	1.8	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Dichlorophenol[2,4-]	1.8	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Diethylphthalate	1.8	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Dimethyl phthalate	1.8	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Dimethylphenol[2,4-]	1.8	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Dinitro-2-methylphenol[4,6-]	4.4	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Dinitrophenol[2,4-]	4.4	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Dinitrotoluene[2,4-]	1.8	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Dinitrotoluene[2,6-]	1.8	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Hexachlorobenzene	1.8	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Hexachlorobutadiene	1.8	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Hexachlorocyclopentadiene	1.8	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Hexachloroethane	1.8	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Indeno(1,2,3-cd)pyrene	1.8	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Isophorone	1.8	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Methylphenol[2-]	1.8	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Methylphenol[4-]	1.8	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Nitroaniline[2-]	4.4	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Nitroaniline[3-]	4.4	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Nitroaniline[4-]	1.8	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Nitrobenzene	1.8	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Nitrophenol[2-]	1.8	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Nitrophenol[4-]	4.4	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Nitroso-di-n-propylamine[N-]	1.8	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Nitrosodimethylamine[N-]	1.8	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Nitrosodiphenylamine[N-]	1.8	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Oxybis(1-chloropropane)[2,2'-]	1.8	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Pentachlorophenol	4.4	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Phenol	1.8	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Pyridine	1.8	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Trichlorobenzene[1,2,4-]	1.8	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Trichlorophenol[2,4,5-]	4.4	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Trichlorophenol[2,4,6-]	1.8	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Stoddard solvent	0.044	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Acetone	0.022	mg/kg	UJ
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Bromobenzene	0.006	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Bromochloromethane	0.006	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Bromodichloromethane	0.006	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Bromoform	0.006	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Bromomethane	0.011	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Butanone[2-]	0.022	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Butylbenzene[n-]	0.006	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Butylbenzene[sec-]	0.006	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Butylbenzene[tert-]	0.006	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Carbon disulfide	0.006	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Carbon tetrachloride	0.006	mg/kg	UJ
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Chlorobenzene	0.006	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Chlorodibromomethane	0.006	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Chloroethane	0.011	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Chloroform	0.006	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Chloromethane	0.011	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Chlorotoluene[2-]	0.006	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Chlorotoluene[4-]	0.006	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Dibromo-3-chloropropane[1,2-]	0.011	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Dibromomethane	0.006	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Dichlorobenzene[1,2-]	0.006	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Dichlorobenzene[1,3-]	0.006	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Dichlorobenzene[1,4-]	0.006	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Dichlorodifluoromethane	0.011	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Dichloroethane[1,1-]	0.006	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Dichloroethene[1,1-]	0.006	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Dichloroethene[cis-1,2-]	0.006	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Dichloroethene[trans-1,2-]	0.006	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Dichloropropane[1,2-]	0.006	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Dichloropropane[1,3-]	0.006	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Dichloropropane[2,2-]	0.006	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Dichloropropene[1,1-]	0.006	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Dichloropropene[cis-1,3-]	0.006	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Dichloropropene[trans-1,3-]	0.006	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Hexanone[2-]	0.022	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Iodomethane	0.006	mg/kg	UJ
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Isopropylbenzene	0.006	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Isopropyltoluene[4-]	0.006	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Methyl-2-pentanone[4-]	0.022	mg/kg	UJ
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Methylene chloride	0.004	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Propylbenzene[1-]	0.006	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Styrene	0.006	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Tetrachloroethane[1,1,1,2-]	0.006	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Tetrachloroethane[1,1,2,2-]	0.006	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Tetrachloroethene	0.006	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.006	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Trichloroethane[1,1,1-]	0.006	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Trichloroethane[1,1,2-]	0.006	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Trichloroethene	0.006	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Trichlorofluoromethane	0.006	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Trichloropropane[1,2,3-]	0.006	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Trimethylbenzene[1,2,4-]	0.006	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Trimethylbenzene[1,3,5-]	0.006	mg/kg	U
Drainage	21-11174	MD21-00-0149	0–6	Sediment	Vinyl chloride	0.011	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Aluminum	1300	mg/kg	None
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Antimony	0.017	mg/kg	J-
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Arsenic	2.1	mg/kg	None
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Barium	11	mg/kg	None
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Beryllium	0.52	mg/kg	J
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Cadmium	0.0419	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Calcium	280	mg/kg	None
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Chromium, total	0.99	mg/kg	J
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Cobalt	0.89	mg/kg	J
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Copper	1.1	mg/kg	None
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Iron	6500	mg/kg	None
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Magnesium	130	mg/kg	None
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Manganese	300	mg/kg	None
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Mercury	0.0191	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Nickel	1.96	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Potassium	140	mg/kg	None
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Selenium	0.457	mg/kg	None
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Silver	0.53	mg/kg	J
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Sodium	81	mg/kg	None

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Thallium	0.0107	mg/kg	J
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Vanadium	2.3	mg/kg	None
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Zinc	45	mg/kg	None
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Ethanol	5.4	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Acenaphthylene	0.36	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Aniline	0.36	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Azobenzene	0.36	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Benzo(g,h,i)perylene	0.36	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Benzoic acid	0.9	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Benzyl alcohol	0.36	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Bis(2-chloroethoxy)methane	0.36	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Bis(2-chloroethyl)ether	0.36	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Bis(2-ethylhexyl)phthalate	0.36	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Bromophenyl-phenylether[4-]	0.36	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Butylbenzylphthalate	0.36	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Chloro-3-methylphenol[4-]	0.36	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Chloroaniline[4-]	0.36	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Chloronaphthalene[2-]	0.36	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Chlorophenol[2-]	0.36	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.36	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Di-n-butylphthalate	0.36	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Di-n-octylphthalate	0.36	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Dibenzofuran	0.36	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Dichlorobenzene[1,2-]	0.36	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Dichlorobenzene[1,3-]	0.36	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Dichlorobenzene[1,4-]	0.36	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Dichlorobenzidine[3,3'-]	0.36	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Dichlorophenol[2,4-]	0.36	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Diethylphthalate	0.36	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Dimethyl phthalate	0.36	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Dimethylphenol[2,4-]	0.36	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Dinitro-2-methylphenol[4,6-]	0.9	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Dinitrophenol[2,4-]	0.9	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Dinitrotoluene[2,4-]	0.36	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Dinitrotoluene[2,6-]	0.36	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Hexachlorobenzene	0.36	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Hexachlorobutadiene	0.36	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Hexachlorocyclopentadiene	0.36	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Hexachloroethane	0.36	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Indeno(1,2,3-cd)pyrene	0.36	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Isophorone	0.36	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Methylphenol[2-]	0.36	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Methylphenol[4-]	0.36	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Nitroaniline[2-]	0.9	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Nitroaniline[3-]	0.9	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Nitroaniline[4-]	0.36	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Nitrobenzene	0.36	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Nitrophenol[2-]	0.36	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Nitrophenol[4-]	0.9	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Nitroso-di-n-propylamine[N-]	0.36	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Nitrosodimethylamine[N-]	0.36	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Nitrosodiphenylamine[N-]	0.36	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.36	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Pentachlorophenol	0.9	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Phenol	0.36	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Pyridine	0.36	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Trichlorobenzene[1,2,4-]	0.36	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Trichlorophenol[2,4,5-]	0.9	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Trichlorophenol[2,4,6-]	0.36	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Stoddard solvent	0.044	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Acetone	0.024	mg/kg	UJ
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Bromobenzene	0.006	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Bromochloromethane	0.006	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Bromodichloromethane	0.006	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Bromoform	0.006	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Bromomethane	0.012	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Butanone[2-]	0.024	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Butylbenzene[n-]	0.006	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Butylbenzene[sec-]	0.006	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Butylbenzene[tert-]	0.006	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Carbon disulfide	0.006	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Carbon tetrachloride	0.006	mg/kg	UJ
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Chlorobenzene	0.006	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Chlorodibromomethane	0.006	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Chloroethane	0.012	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Chloroform	0.006	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Chloromethane	0.012	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Chlorotoluene[2-]	0.006	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Chlorotoluene[4-]	0.006	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Dibromo-3-chloropropane[1,2-]	0.012	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Dibromomethane	0.006	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Dichlorobenzene[1,2-]	0.006	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Dichlorobenzene[1,3-]	0.006	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Dichlorobenzene[1,4-]	0.006	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Dichlorodifluoromethane	0.012	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Dichloroethane[1,1-]	0.006	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Dichloroethene[1,1-]	0.006	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Dichloroethene[cis-1,2-]	0.006	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Dichloroethene[trans-1,2-]	0.006	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Dichloropropane[1,2-]	0.006	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Dichloropropane[1,3-]	0.006	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Dichloropropane[2,2-]	0.006	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Dichloropropene[1,1-]	0.006	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Dichloropropene[cis-1,3-]	0.006	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Dichloropropene[trans-1,3-]	0.006	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Hexanone[2-]	0.024	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Iodomethane	0.006	mg/kg	UJ
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Isopropylbenzene	0.006	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Isopropyltoluene[4-]	0.006	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Methyl-2-pentanone[4-]	0.024	mg/kg	UJ
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Methylene chloride	0.004	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Propylbenzene[1-]	0.006	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Styrene	0.006	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Tetrachloroethane[1,1,1,2-]	0.006	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Tetrachloroethane[1,1,2,2-]	0.006	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Tetrachloroethene	0.006	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.006	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Trichloroethane[1,1,1-]	0.006	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Trichloroethane[1,1,2-]	0.006	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Trichloroethene	0.006	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Trichlorofluoromethane	0.006	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Trichloropropane[1,2,3-]	0.006	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Trimethylbenzene[1,2,4-]	0.006	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Trimethylbenzene[1,3,5-]	0.006	mg/kg	U
Drainage	21-11174	MD21-00-0150	1–1.5	Qbt 3	Vinyl chloride	0.012	mg/kg	U
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Aluminum	5500	mg/kg	None
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Antimony	0.0263	mg/kg	J-

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Arsenic	2.4	mg/kg	None
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Barium	59	mg/kg	None
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Beryllium	0.33	mg/kg	J
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Cadmium	0.13	mg/kg	J+
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Calcium	4400	mg/kg	None
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Chromium, total	6.2	mg/kg	None
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Cobalt	3.1	mg/kg	None
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Copper	7.5	mg/kg	None
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Iron	7700	mg/kg	None
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Magnesium	1300	mg/kg	None
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Manganese	180	mg/kg	None
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Mercury	0.0187	mg/kg	U
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Nickel	4.7	mg/kg	None
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Potassium	770	mg/kg	None
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Selenium	0.132	mg/kg	J
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Silver	1.6	mg/kg	None
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Sodium	110	mg/kg	None
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Thallium	0.0671	mg/kg	J
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Vanadium	15	mg/kg	None
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Zinc	38	mg/kg	None
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Ethanol	5.2	mg/kg	U
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Acenaphthylene	3.5	mg/kg	U
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Aniline	3.5	mg/kg	U
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Azobenzene	3.5	mg/kg	U
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Benzo(g,h,i)perylene	3.5	mg/kg	U
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Benzoic acid	8.8	mg/kg	U
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Benzyl alcohol	3.5	mg/kg	U
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Bis(2-chloroethoxy)methane	3.5	mg/kg	U
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Bis(2-chloroethyl)ether	3.5	mg/kg	U
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Bis(2-ethylhexyl)phthalate	3.5	mg/kg	U
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Bromophenyl-phenylether[4-]	3.5	mg/kg	U
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Butylbenzylphthalate	3.5	mg/kg	U
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Chloro-3-methylphenol[4-]	3.5	mg/kg	U
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Chloroaniline[4-]	3.5	mg/kg	U
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Chloronaphthalene[2-]	3.5	mg/kg	U
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Chlorophenol[2-]	3.5	mg/kg	U
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Chlorophenyl-phenyl[4-] ether	3.5	mg/kg	U
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Di-n-butylphthalate	3.5	mg/kg	U
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Di-n-octylphthalate	3.5	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Dibenzofuran	3.5	mg/kg	U
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Dichlorobenzene[1,2-]	3.5	mg/kg	U
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Dichlorobenzene[1,3-]	3.5	mg/kg	U
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Dichlorobenzene[1,4-]	3.5	mg/kg	U
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Dichlorobenzidine[3,3'-]	3.5	mg/kg	U
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Dichlorophenol[2,4-]	3.5	mg/kg	U
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Diethylphthalate	3.5	mg/kg	U
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Dimethyl phthalate	3.5	mg/kg	U
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Dimethylphenol[2,4-]	3.5	mg/kg	U
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Dinitro-2-methylphenol[4,6-]	8.8	mg/kg	U
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Dinitrophenol[2,4-]	8.8	mg/kg	U
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Dinitrotoluene[2,4-]	3.5	mg/kg	U
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Dinitrotoluene[2,6-]	3.5	mg/kg	U
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Hexachlorobenzene	3.5	mg/kg	U
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Hexachlorobutadiene	3.5	mg/kg	U
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Hexachlorocyclopentadiene	3.5	mg/kg	U
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Hexachloroethane	3.5	mg/kg	U
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Indeno(1,2,3-cd)pyrene	3.5	mg/kg	U
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Isophorone	3.5	mg/kg	U
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Methylphenol[2-]	3.5	mg/kg	U
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Methylphenol[4-]	3.5	mg/kg	U
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Nitroaniline[2-]	8.8	mg/kg	U
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Nitroaniline[3-]	8.8	mg/kg	U
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Nitroaniline[4-]	3.5	mg/kg	U
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Nitrobenzene	3.5	mg/kg	U
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Nitrophenol[2-]	3.5	mg/kg	U
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Nitrophenol[4-]	8.8	mg/kg	U
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Nitroso-di-n-propylamine[N-]	3.5	mg/kg	U
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Nitrosodimethylamine[N-]	3.5	mg/kg	U
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Nitrosodiphenylamine[N-]	3.5	mg/kg	U
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Oxybis(1-chloropropane)[2,2'-]	3.5	mg/kg	U
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Pentachlorophenol	8.8	mg/kg	U
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Phenol	3.5	mg/kg	U
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Pyridine	3.5	mg/kg	U
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Trichlorobenzene[1,2,4-]	3.5	mg/kg	U
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Trichlorophenol[2,4,5-]	8.8	mg/kg	U
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Trichlorophenol[2,4,6-]	3.5	mg/kg	U
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Stoddard solvent	0.044	mg/kg	U
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Acetone	0.014	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Bromobenzene	0.006	mg/kg	UJ
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Bromochloromethane	0.006	mg/kg	U
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Bromodichloromethane	0.006	mg/kg	U
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Bromoform	0.006	mg/kg	U
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Bromomethane	0.011	mg/kg	U
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Butanone[2-]	0.022	mg/kg	U
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Butylbenzene[n-]	0.006	mg/kg	UJ
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Butylbenzene[sec-]	0.006	mg/kg	UJ
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Butylbenzene[tert-]	0.006	mg/kg	UJ
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Carbon disulfide	0.006	mg/kg	U
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Carbon tetrachloride	0.006	mg/kg	UJ
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Chlorobenzene	0.006	mg/kg	U
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Chlorodibromomethane	0.006	mg/kg	U
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Chloroethane	0.011	mg/kg	U
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Chloroform	0.006	mg/kg	U
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Chloromethane	0.011	mg/kg	U
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Chlorotoluene[2-]	0.006	mg/kg	UJ
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Chlorotoluene[4-]	0.006	mg/kg	UJ
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Dibromo-3-chloropropane[1,2-]	0.011	mg/kg	UJ
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Dibromomethane	0.006	mg/kg	U
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Dichlorobenzene[1,2-]	0.006	mg/kg	UJ
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Dichlorobenzene[1,3-]	0.006	mg/kg	UJ
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Dichlorobenzene[1,4-]	0.006	mg/kg	UJ
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Dichlorodifluoromethane	0.011	mg/kg	U
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Dichloroethane[1,1-]	0.006	mg/kg	U
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Dichloroethene[1,1-]	0.006	mg/kg	U
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Dichloroethene[cis-1,2-]	0.006	mg/kg	U
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Dichloroethene[trans-1,2-]	0.006	mg/kg	U
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Dichloropropane[1,2-]	0.006	mg/kg	U
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Dichloropropane[1,3-]	0.006	mg/kg	U
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Dichloropropane[2,2-]	0.006	mg/kg	U
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Dichloropropene[1,1-]	0.006	mg/kg	U
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Dichloropropene[cis-1,3-]	0.006	mg/kg	U
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Dichloropropene[trans-1,3-]	0.006	mg/kg	U
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Hexanone[2-]	0.022	mg/kg	U
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Iodomethane	0.006	mg/kg	UJ
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Isopropylbenzene	0.006	mg/kg	UJ
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Isopropyltoluene[4-]	0.002	mg/kg	J
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Methyl-2-pentanone[4-]	0.022	mg/kg	UJ

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Methylene chloride	0.005	mg/kg	U
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Propylbenzene[1-]	0.006	mg/kg	UJ
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Styrene	0.006	mg/kg	U
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Tetrachloroethane[1,1,1,2-]	0.006	mg/kg	U
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Tetrachloroethane[1,1,2,2-]	0.006	mg/kg	UJ
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Tetrachloroethene	0.006	mg/kg	U
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.006	mg/kg	U
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Trichloroethane[1,1,1-]	0.006	mg/kg	U
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Trichloroethane[1,1,2-]	0.006	mg/kg	U
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Trichloroethene	0.006	mg/kg	U
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Trichlorofluoromethane	0.001	mg/kg	U
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Trichloropropane[1,2,3-]	0.006	mg/kg	UJ
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Trimethylbenzene[1,2,4-]	0.006	mg/kg	UJ
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Trimethylbenzene[1,3,5-]	0.006	mg/kg	UJ
Drainage	21-11175	MD21-00-0151	0–0.5	Sediment	Vinyl chloride	0.011	mg/kg	U
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Aluminum	11000	mg/kg	None
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Antimony	0.0105	mg/kg	J-
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Arsenic	3.6	mg/kg	None
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Barium	32	mg/kg	None
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Beryllium	1.3	mg/kg	None
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Cadmium	0.0398	mg/kg	U
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Calcium	1200	mg/kg	None
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Chromium, total	6.2	mg/kg	None
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Cobalt	1.5	mg/kg	None
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Copper	5.2	mg/kg	None
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Iron	11000	mg/kg	None
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Magnesium	1300	mg/kg	None
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Manganese	270	mg/kg	None
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Mercury	0.0181	mg/kg	U
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Nickel	4	mg/kg	None
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Potassium	1100	mg/kg	None
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Selenium	0.396	mg/kg	None
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Silver	0.94	mg/kg	None
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Sodium	180	mg/kg	None
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Thallium	0.0391	mg/kg	J
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Vanadium	9.4	mg/kg	None
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Zinc	57	mg/kg	None
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Ethanol	5.2	mg/kg	U
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Acenaphthylene	0.35	mg/kg	UJ

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Aniline	0.35	mg/kg	UJ
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Azobenzene	0.35	mg/kg	UJ
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Benzo(g,h,i)perylene	0.35	mg/kg	UJ
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Benzoic acid	0.87	mg/kg	UJ
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Benzyl alcohol	0.35	mg/kg	UJ
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Bis(2-chloroethoxy)methane	0.35	mg/kg	UJ
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Bis(2-chloroethyl)ether	0.35	mg/kg	UJ
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Bis(2-ethylhexyl)phthalate	0.35	mg/kg	UJ
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Bromophenyl-phenylether[4-]	0.35	mg/kg	UJ
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Butylbenzylphthalate	0.35	mg/kg	UJ
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Chloro-3-methylphenol[4-]	0.35	mg/kg	UJ
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Chloroaniline[4-]	0.35	mg/kg	UJ
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Chloronaphthalene[2-]	0.35	mg/kg	UJ
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Chlorophenol[2-]	0.35	mg/kg	UJ
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.35	mg/kg	UJ
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Di-n-butylphthalate	0.35	mg/kg	UJ
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Di-n-octylphthalate	0.35	mg/kg	UJ
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Dibenzofuran	0.35	mg/kg	UJ
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Dichlorobenzene[1,2-]	0.35	mg/kg	UJ
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Dichlorobenzene[1,3-]	0.35	mg/kg	UJ
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Dichlorobenzene[1,4-]	0.35	mg/kg	UJ
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Dichlorobenzidine[3,3'-]	0.35	mg/kg	UJ
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Dichlorophenol[2,4-]	0.35	mg/kg	UJ
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Diethylphthalate	0.35	mg/kg	UJ
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Dimethyl phthalate	0.35	mg/kg	UJ
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Dimethylphenol[2,4-]	0.35	mg/kg	UJ
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Dinitro-2-methylphenol[4,6-]	0.87	mg/kg	UJ
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Dinitrophenol[2,4-]	0.87	mg/kg	UJ
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Dinitrotoluene[2,4-]	0.35	mg/kg	UJ
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Dinitrotoluene[2,6-]	0.35	mg/kg	UJ
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Hexachlorobenzene	0.35	mg/kg	UJ
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Hexachlorobutadiene	0.35	mg/kg	UJ
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Hexachlorocyclopentadiene	0.35	mg/kg	UJ
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Hexachloroethane	0.35	mg/kg	UJ
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	UJ
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Isophorone	0.35	mg/kg	UJ
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Methylphenol[2-]	0.35	mg/kg	UJ
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Methylphenol[4-]	0.35	mg/kg	UJ
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Nitroaniline[2-]	0.87	mg/kg	UJ

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Nitroaniline[3-]	0.87	mg/kg	UJ
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Nitroaniline[4-]	0.35	mg/kg	UJ
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Nitrobenzene	0.35	mg/kg	UJ
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Nitrophenol[2-]	0.35	mg/kg	UJ
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Nitrophenol[4-]	0.87	mg/kg	UJ
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	UJ
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Nitrosodimethylamine[N-]	0.35	mg/kg	UJ
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Nitrosodiphenylamine[N-]	0.35	mg/kg	UJ
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	UJ
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Pentachlorophenol	0.87	mg/kg	UJ
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Phenol	0.35	mg/kg	UJ
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Pyridine	0.35	mg/kg	UJ
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Trichlorobenzene[1,2,4-]	0.35	mg/kg	UJ
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Trichlorophenol[2,4,5-]	0.87	mg/kg	UJ
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Trichlorophenol[2,4,6-]	0.35	mg/kg	UJ
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Stoddard solvent	0.04	mg/kg	U
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Acetone	0.022	mg/kg	U
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Bromobenzene	0.006	mg/kg	U
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Bromochloromethane	0.006	mg/kg	U
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Bromodichloromethane	0.006	mg/kg	U
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Bromoform	0.006	mg/kg	U
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Bromomethane	0.012	mg/kg	U
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Butanone[2-]	0.024	mg/kg	U
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Butylbenzene[n-]	0.006	mg/kg	U
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Butylbenzene[sec-]	0.006	mg/kg	U
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Butylbenzene[tert-]	0.006	mg/kg	U
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Carbon disulfide	0.006	mg/kg	U
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Carbon tetrachloride	0.006	mg/kg	UJ
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Chlorobenzene	0.006	mg/kg	U
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Chlorodibromomethane	0.006	mg/kg	U
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Chloroethane	0.012	mg/kg	U
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Chloroform	0.006	mg/kg	U
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Chloromethane	0.012	mg/kg	U
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Chlorotoluene[2-]	0.006	mg/kg	U
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Chlorotoluene[4-]	0.006	mg/kg	U
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Dibromo-3-chloropropane[1,2-]	0.012	mg/kg	U
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Dibromomethane	0.006	mg/kg	U
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Dichlorobenzene[1,2-]	0.006	mg/kg	U
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Dichlorobenzene[1,3-]	0.006	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Dichlorobenzene[1,4-]	0.006	mg/kg	U
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Dichlorodifluoromethane	0.012	mg/kg	U
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Dichloroethane[1,1-]	0.006	mg/kg	U
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Dichloroethene[1,1-]	0.006	mg/kg	U
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Dichloroethene[cis-1,2-]	0.006	mg/kg	U
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Dichloroethene[trans-1,2-]	0.006	mg/kg	U
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Dichloropropane[1,2-]	0.006	mg/kg	U
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Dichloropropane[1,3-]	0.006	mg/kg	U
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Dichloropropane[2,2-]	0.006	mg/kg	U
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Dichloropropene[1,1-]	0.006	mg/kg	U
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Dichloropropene[cis-1,3-]	0.006	mg/kg	U
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Dichloropropene[trans-1,3-]	0.006	mg/kg	U
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Hexanone[2-]	0.024	mg/kg	U
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Iodomethane	0.006	mg/kg	UJ
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Isopropylbenzene	0.006	mg/kg	U
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Isopropyltoluene[4-]	0.006	mg/kg	U
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Methyl-2-pentanone[4-]	0.024	mg/kg	UJ
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Methylene chloride	0.015	mg/kg	U
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Propylbenzene[1-]	0.006	mg/kg	U
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Styrene	0.006	mg/kg	U
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Tetrachloroethane[1,1,1,2-]	0.006	mg/kg	U
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Tetrachloroethane[1,1,2,2-]	0.006	mg/kg	U
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Tetrachloroethene	0.006	mg/kg	U
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.006	mg/kg	U
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Trichloroethane[1,1,1-]	0.006	mg/kg	U
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Trichloroethane[1,1,2-]	0.006	mg/kg	U
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Trichloroethene	0.006	mg/kg	U
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Trichlorofluoromethane	0.003	mg/kg	U
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Trichloropropane[1,2,3-]	0.006	mg/kg	U
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Trimethylbenzene[1,2,4-]	0.006	mg/kg	U
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Trimethylbenzene[1,3,5-]	0.006	mg/kg	U
Drainage	21-11175	MD21-00-0152	1–1.5	Qbt 3	Vinyl chloride	0.012	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Aluminum	14900	mg/kg	None
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Antimony	0.09	mg/kg	J-
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Arsenic	4.2	mg/kg	None
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Barium	141	mg/kg	None
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Beryllium	0.92	mg/kg	None
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Cadmium	0.12	mg/kg	None
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Calcium	3020	mg/kg	None

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Chromium, total	12.3	mg/kg	None
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Cobalt	5.3	mg/kg	None
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Copper	8.3	mg/kg	None
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Iron	15200	mg/kg	None
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Magnesium	2460	mg/kg	None
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Manganese	377	mg/kg	J-
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Mercury	0.02	mg/kg	J
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Nickel	9.3	mg/kg	None
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Potassium	1930	mg/kg	None
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Selenium	0.26	mg/kg	J
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Silver	1.7	mg/kg	None
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Sodium	117	mg/kg	None
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Thallium	0.38	mg/kg	J
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Vanadium	25	mg/kg	None
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Zinc	52.7	mg/kg	None
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Ethanol	5.2	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Acenaphthylene	0.69	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Aniline	0.69	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Azobenzene	0.69	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Benzo(g,h,i)perylene	0.077	mg/kg	J
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Benzoic acid	1.7	mg/kg	UJ
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Benzyl alcohol	0.69	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Bis(2-chloroethoxy)methane	0.69	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Bis(2-chloroethyl)ether	0.69	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Bis(2-ethylhexyl)phthalate	0.69	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Bromophenyl-phenylether[4-]	0.69	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Butylbenzylphthalate	0.69	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Chloro-3-methylphenol[4-]	0.69	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Chloroaniline[4-]	0.69	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Chloronaphthalene[2-]	0.69	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Chlorophenol[2-]	0.69	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Chlorophenyl-phenyl[4-] ether	0.69	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Di-n-butylphthalate	0.69	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Di-n-octylphthalate	0.69	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Dibenzofuran	0.69	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Dichlorobenzene[1,2-]	0.69	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Dichlorobenzene[1,3-]	0.69	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Dichlorobenzene[1,4-]	0.69	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Dichlorobenzidine[3,3'-]	0.69	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Dichlorophenol[2,4-]	0.69	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Diethylphthalate	0.69	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Dimethyl phthalate	0.69	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Dimethylphenol[2,4-]	0.69	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Dinitrophenol[2,4-]	1.7	mg/kg	UJ
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Dinitrotoluene[2,4-]	0.69	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Dinitrotoluene[2,6-]	0.69	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Hexachlorobenzene	0.69	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Hexachlorobutadiene	0.69	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Hexachlorocyclopentadiene	0.69	mg/kg	UJ
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Hexachloroethane	0.69	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Indeno(1,2,3-cd)pyrene	0.067	mg/kg	J
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Isophorone	0.69	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Methylphenol[2-]	0.69	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Methylphenol[4-]	0.69	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Nitroaniline[2-]	1.7	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Nitroaniline[3-]	1.7	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Nitroaniline[4-]	0.69	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Nitrobenzene	0.69	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Nitrophenol[2-]	0.69	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Nitrophenol[4-]	1.7	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Nitroso-di-n-propylamine[N-]	0.69	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Nitrosodimethylamine[N-]	0.69	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Nitrosodiphenylamine[N-]	0.69	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Oxybis(1-chloropropane)[2,2'-]	0.69	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Pentachlorophenol	1.7	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Phenol	0.69	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Pyridine	0.69	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Trichlorobenzene[1,2,4-]	0.69	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Trichlorophenol[2,4,5-]	1.7	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Trichlorophenol[2,4,6-]	0.69	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Acetone	0.011	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Bromobenzene	0.006	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Bromochloromethane	0.006	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Bromodichloromethane	0.006	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Bromoform	0.006	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Bromomethane	0.012	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Butanone[2-]	0.024	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Butylbenzene[n-]	0.006	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Butylbenzene[sec-]	0.006	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Butylbenzene[tert-]	0.006	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Carbon disulfide	0.006	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Carbon tetrachloride	0.006	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Chlorobenzene	0.006	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Chlorodibromomethane	0.006	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Chloroethane	0.012	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Chloroform	0.006	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Chloromethane	0.012	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Chlorotoluene[2-]	0.006	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Chlorotoluene[4-]	0.006	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Dibromo-3-chloropropane[1,2-]	0.012	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Dibromomethane	0.006	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Dichlorobenzene[1,2-]	0.006	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Dichlorobenzene[1,3-]	0.006	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Dichlorobenzene[1,4-]	0.006	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Dichlorodifluoromethane	0.012	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Dichloroethane[1,1-]	0.006	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Dichloroethene[1,1-]	0.006	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Dichloroethene[cis-1,2-]	0.006	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Dichloroethene[trans-1,2-]	0.006	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Dichloropropane[1,2-]	0.006	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Dichloropropane[1,3-]	0.006	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Dichloropropane[2,2-]	0.006	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Dichloropropene[1,1-]	0.006	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Dichloropropene[cis-1,3-]	0.006	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Dichloropropene[trans-1,3-]	0.006	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Hexanone[2-]	0.024	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Iodomethane	0.006	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Isopropylbenzene	0.006	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Isopropyltoluene[4-]	0.006	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Methyl-2-pentanone[4-]	0.024	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Methylene chloride	0.011	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Propylbenzene[1-]	0.006	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Styrene	0.006	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Tetrachloroethane[1,1,1,2-]	0.006	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Tetrachloroethane[1,1,2,2-]	0.006	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Tetrachloroethene	0.006	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.006	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Trichloroethane[1,1,1-]	0.006	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Trichloroethane[1,1,2-]	0.006	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Trichloroethene	0.006	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Trichlorofluoromethane	0.002	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Trichloropropane[1,2,3-]	0.006	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Trimethylbenzene[1,2,4-]	0.006	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Trimethylbenzene[1,3,5-]	0.006	mg/kg	U
Mesa top	21-11141	MD21-00-0061	0–1	Fill	Vinyl chloride	0.012	mg/kg	U
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Aluminum	14700	mg/kg	None
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Antimony	0.06	mg/kg	J-
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Arsenic	4.4	mg/kg	None
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Barium	143	mg/kg	None
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Beryllium	0.92	mg/kg	None
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Cadmium	0.13	mg/kg	None
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Calcium	2880	mg/kg	None
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Chromium, total	13.5	mg/kg	None
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Cobalt	5.8	mg/kg	None
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Copper	7.8	mg/kg	None
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Iron	15500	mg/kg	None
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Magnesium	2460	mg/kg	None
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Manganese	480	mg/kg	J-
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Mercury	0.01	mg/kg	J
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Nickel	10.1	mg/kg	None
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Potassium	1720	mg/kg	None
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Selenium	0.2	mg/kg	J
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Silver	1.5	mg/kg	None
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Sodium	194	mg/kg	None
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Thallium	0.47	mg/kg	J
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Vanadium	26.9	mg/kg	None
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Zinc	46.5	mg/kg	None
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Ethanol	5.3	mg/kg	U
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Acenaphthylene	0.7	mg/kg	UJ
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Aniline	0.7	mg/kg	UJ
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Azobenzene	0.7	mg/kg	UJ
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Benzo(g,h,i)perylene	0.7	mg/kg	UJ
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Benzoic acid	1.8	mg/kg	UJ
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Benzyl alcohol	0.7	mg/kg	UJ
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Bis(2-chloroethoxy)methane	0.7	mg/kg	UJ

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Bis(2-chloroethyl)ether	0.7	mg/kg	UJ
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Bis(2-ethylhexyl)phthalate	0.7	mg/kg	UJ
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Bromophenyl-phenylether[4-]	0.7	mg/kg	UJ
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Butylbenzylphthalate	0.7	mg/kg	UJ
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Chloro-3-methylphenol[4-]	0.7	mg/kg	UJ
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Chloroaniline[4-]	0.7	mg/kg	UJ
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Chloronaphthalene[2-]	0.7	mg/kg	UJ
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Chlorophenol[2-]	0.7	mg/kg	UJ
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Chlorophenyl-phenyl[4-] ether	0.7	mg/kg	UJ
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Di-n-butylphthalate	0.7	mg/kg	UJ
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Di-n-octylphthalate	0.7	mg/kg	UJ
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Dibenzofuran	0.7	mg/kg	UJ
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Dichlorobenzene[1,2-]	0.7	mg/kg	UJ
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Dichlorobenzene[1,3-]	0.7	mg/kg	UJ
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Dichlorobenzene[1,4-]	0.7	mg/kg	UJ
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Dichlorobenzidine[3,3'-]	0.7	mg/kg	UJ
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Dichlorophenol[2,4-]	0.7	mg/kg	UJ
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Diethylphthalate	0.7	mg/kg	UJ
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Dimethyl phthalate	0.7	mg/kg	UJ
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Dimethylphenol[2,4-]	0.7	mg/kg	UJ
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Dinitro-2-methylphenol[4,6-]	1.8	mg/kg	UJ
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Dinitrophenol[2,4-]	1.8	mg/kg	UJ
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Dinitrotoluene[2,4-]	0.7	mg/kg	UJ
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Dinitrotoluene[2,6-]	0.7	mg/kg	UJ
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Hexachlorobenzene	0.7	mg/kg	UJ
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Hexachlorobutadiene	0.7	mg/kg	UJ
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Hexachlorocyclopentadiene	0.7	mg/kg	UJ
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Hexachloroethane	0.7	mg/kg	UJ
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Indeno(1,2,3-cd)pyrene	0.7	mg/kg	UJ
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Isophorone	0.7	mg/kg	UJ
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Methylphenol[2-]	0.7	mg/kg	UJ
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Methylphenol[4-]	0.7	mg/kg	UJ
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Nitroaniline[2-]	1.8	mg/kg	UJ
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Nitroaniline[3-]	1.8	mg/kg	UJ
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Nitroaniline[4-]	0.7	mg/kg	UJ
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Nitrobenzene	0.7	mg/kg	UJ
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Nitrophenol[2-]	0.7	mg/kg	UJ
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Nitrophenol[4-]	1.8	mg/kg	UJ
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Nitroso-di-n-propylamine[N-]	0.7	mg/kg	UJ

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Nitrosodimethylamine[N-]	0.7	mg/kg	UJ
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Nitrosodiphenylamine[N-]	0.7	mg/kg	UJ
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Oxybis(1-chloropropane)[2,2'-]	0.7	mg/kg	UJ
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Pentachlorophenol	1.8	mg/kg	UJ
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Phenol	0.7	mg/kg	UJ
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Pyridine	0.7	mg/kg	UJ
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Trichlorobenzene[1,2,4-]	0.7	mg/kg	UJ
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Trichlorophenol[2,4,5-]	1.8	mg/kg	UJ
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Trichlorophenol[2,4,6-]	0.7	mg/kg	UJ
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Acetone	0.014	mg/kg	U
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Bromobenzene	0.006	mg/kg	U
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Bromochloromethane	0.006	mg/kg	U
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Bromodichloromethane	0.006	mg/kg	U
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Bromoform	0.006	mg/kg	U
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Bromomethane	0.011	mg/kg	U
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Butanone[2-]	0.022	mg/kg	U
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Butylbenzene[n-]	0.006	mg/kg	U
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Butylbenzene[sec-]	0.006	mg/kg	U
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Butylbenzene[tert-]	0.006	mg/kg	U
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Carbon disulfide	0.006	mg/kg	U
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Carbon tetrachloride	0.006	mg/kg	U
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Chlorobenzene	0.006	mg/kg	U
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Chlorodibromomethane	0.006	mg/kg	U
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Chloroethane	0.011	mg/kg	U
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Chloroform	0.006	mg/kg	U
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Chloromethane	0.011	mg/kg	U
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Chlorotoluene[2-]	0.006	mg/kg	U
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Chlorotoluene[4-]	0.006	mg/kg	U
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Dibromo-3-chloropropane[1,2-]	0.011	mg/kg	U
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Dibromomethane	0.006	mg/kg	U
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Dichlorobenzene[1,2-]	0.006	mg/kg	U
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Dichlorobenzene[1,3-]	0.006	mg/kg	U
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Dichlorobenzene[1,4-]	0.006	mg/kg	U
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Dichlorodifluoromethane	0.011	mg/kg	U
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Dichloroethane[1,1-]	0.006	mg/kg	U
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Dichloroethene[1,1-]	0.006	mg/kg	U
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Dichloroethene[cis-1,2-]	0.006	mg/kg	U
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Dichloroethene[trans-1,2-]	0.006	mg/kg	U
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Dichloropropane[1,2-]	0.006	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Dichloropropane[1,3-]	0.006	mg/kg	U
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Dichloropropane[2,2-]	0.006	mg/kg	U
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Dichloropropene[1,1-]	0.006	mg/kg	U
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Dichloropropene[cis-1,3-]	0.006	mg/kg	U
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Dichloropropene[trans-1,3-]	0.006	mg/kg	U
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Hexanone[2-]	0.022	mg/kg	U
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Iodomethane	0.006	mg/kg	U
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Isopropylbenzene	0.006	mg/kg	U
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Isopropyltoluene[4-]	0.006	mg/kg	U
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Methyl-2-pentanone[4-]	0.022	mg/kg	U
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Methylene chloride	0.01	mg/kg	U
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Propylbenzene[1-]	0.006	mg/kg	U
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Styrene	0.006	mg/kg	U
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Tetrachloroethane[1,1,1,2-]	0.006	mg/kg	U
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Tetrachloroethane[1,1,2,2-]	0.006	mg/kg	U
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Tetrachloroethene	0.006	mg/kg	U
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.005	mg/kg	U
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Trichloroethane[1,1,1-]	0.006	mg/kg	U
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Trichloroethane[1,1,2-]	0.006	mg/kg	U
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Trichloroethene	0.006	mg/kg	U
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Trichlorofluoromethane	0.002	mg/kg	U
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Trichloropropane[1,2,3-]	0.006	mg/kg	U
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Trimethylbenzene[1,2,4-]	0.006	mg/kg	U
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Trimethylbenzene[1,3,5-]	0.006	mg/kg	U
Mesa top	21-11141	MD21-00-0062	4–5	Fill	Vinyl chloride	0.011	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Aluminum	2000	mg/kg	J
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Antimony	0.165	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Arsenic	1.4	mg/kg	None
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Barium	19	mg/kg	J
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Beryllium	0.46	mg/kg	J
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Cadmium	0.049	mg/kg	J
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Calcium	350	mg/kg	J
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Chromium, total	2.2	mg/kg	None
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Cobalt	1.4	mg/kg	None
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Copper	2	mg/kg	None
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Iron	4900	mg/kg	None
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Magnesium	270	mg/kg	J
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Manganese	250	mg/kg	None
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Mercury	0.0183	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Nickel	1.88	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Potassium	250	mg/kg	J
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Selenium	0.0784	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Silver	0.215	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Sodium	110	mg/kg	J
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Thallium	0.18	mg/kg	J
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Vanadium	2.5	mg/kg	J
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Zinc	56	mg/kg	None
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Ethanol	5.2	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Acenaphthylene	0.34	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Aniline	0.34	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Azobenzene	0.34	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Benzo(g,h,i)perylene	0.34	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Benzoic acid	0.85	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Benzyl alcohol	0.34	mg/kg	UJ
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Bis(2-chloroethoxy)methane	0.34	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Bis(2-chloroethyl)ether	0.34	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Bis(2-ethylhexyl)phthalate	0.34	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Bromophenyl-phenylether[4-]	0.34	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Butylbenzylphthalate	0.34	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Chloro-3-methylphenol[4-]	0.34	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Chloroaniline[4-]	0.34	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Chloronaphthalene[2-]	0.34	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Chlorophenol[2-]	0.34	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.34	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Di-n-butylphthalate	0.34	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Di-n-octylphthalate	0.34	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Dibenzofuran	0.34	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Dichlorobenzene[1,2-]	0.34	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Dichlorobenzene[1,3-]	0.34	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Dichlorobenzene[1,4-]	0.34	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Dichlorobenzidine[3,3'-]	0.34	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Dichlorophenol[2,4-]	0.34	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Diethylphthalate	0.34	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Dimethyl phthalate	0.34	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Dimethylphenol[2,4-]	0.34	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Dinitro-2-methylphenol[4,6-]	0.85	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Dinitrophenol[2,4-]	0.85	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Dinitrotoluene[2,4-]	0.34	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Dinitrotoluene[2,6-]	0.34	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Hexachlorobenzene	0.34	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Hexachlorobutadiene	0.34	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Hexachlorocyclopentadiene	0.34	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Hexachloroethane	0.34	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Indeno(1,2,3-cd)pyrene	0.34	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Isophorone	0.34	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Methylphenol[2-]	0.34	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Methylphenol[4-]	0.34	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Nitroaniline[2-]	0.85	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Nitroaniline[3-]	0.85	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Nitroaniline[4-]	0.34	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Nitrobenzene	0.34	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Nitrophenol[2-]	0.34	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Nitrophenol[4-]	0.85	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Nitroso-di-n-propylamine[N-]	0.34	mg/kg	UJ
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Nitrosodimethylamine[N-]	0.34	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Nitrosodiphenylamine[N-]	0.34	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.34	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Pentachlorophenol	0.85	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Phenol	0.34	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Pyridine	0.34	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Trichlorobenzene[1,2,4-]	0.34	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Trichlorophenol[2,4,5-]	0.85	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Trichlorophenol[2,4,6-]	0.34	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Acetone	0.024	mg/kg	R
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Bromobenzene	0.006	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Bromochloromethane	0.006	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Bromodichloromethane	0.006	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Bromoform	0.006	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Bromomethane	0.012	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Butanone[2-]	0.024	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Butylbenzene[n-]	0.006	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Butylbenzene[sec-]	0.006	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Butylbenzene[tert-]	0.006	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Carbon disulfide	0.006	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Carbon tetrachloride	0.006	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Chlorobenzene	0.006	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Chlorodibromomethane	0.006	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Chloroethane	0.012	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Chloroform	0.006	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Chloromethane	0.012	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Chlorotoluene[2-]	0.006	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Chlorotoluene[4-]	0.006	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Dibromo-3-chloropropane[1,2-]	0.012	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Dibromomethane	0.006	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Dichlorobenzene[1,2-]	0.006	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Dichlorobenzene[1,3-]	0.006	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Dichlorobenzene[1,4-]	0.006	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Dichlorodifluoromethane	0.012	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Dichloroethane[1,1-]	0.006	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Dichloroethene[1,1-]	0.006	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Dichloroethene[cis-1,2-]	0.006	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Dichloroethene[trans-1,2-]	0.006	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Dichloropropane[1,2-]	0.006	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Dichloropropane[1,3-]	0.006	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Dichloropropane[2,2-]	0.006	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Dichloropropene[1,1-]	0.006	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Dichloropropene[cis-1,3-]	0.006	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Dichloropropene[trans-1,3-]	0.006	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Hexanone[2-]	0.024	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Iodomethane	0.006	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Isopropylbenzene	0.006	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Isopropyltoluene[4-]	0.006	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Methyl-2-pentanone[4-]	0.024	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Methylene chloride	0.014	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Propylbenzene[1-]	0.006	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Styrene	0.006	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Tetrachloroethane[1,1,1,2-]	0.006	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Tetrachloroethane[1,1,2,2-]	0.006	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Tetrachloroethene	0.006	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.006	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Trichloroethane[1,1,1-]	0.006	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Trichloroethane[1,1,2-]	0.006	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Trichloroethene	0.006	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Trichlorofluoromethane	0.003	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Trichloropropane[1,2,3-]	0.006	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Trimethylbenzene[1,2,4-]	0.006	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Trimethylbenzene[1,3,5-]	0.006	mg/kg	U
Mesa top	21-11150	MD21-00-0101	64–65	Qbt 3	Vinyl chloride	0.012	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Aluminum	390	mg/kg	J
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Antimony	0.162	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Arsenic	1.3	mg/kg	None
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Barium	11	mg/kg	J
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Beryllium	0.55	mg/kg	None
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Cadmium	0.061	mg/kg	J
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Calcium	310	mg/kg	J
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Chromium, total	2.9	mg/kg	None
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Cobalt	1.5	mg/kg	None
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Copper	1.3	mg/kg	None
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Iron	6500	mg/kg	None
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Magnesium	57	mg/kg	J
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Manganese	340	mg/kg	None
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Mercury	0.0179	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Nickel	1.85	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Potassium	160	mg/kg	J
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Selenium	0.0768	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Silver	0.211	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Sodium	110	mg/kg	J
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Thallium	0.21	mg/kg	J
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Vanadium	2.7	mg/kg	J
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Zinc	64	mg/kg	None
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Ethanol	5.1	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Acenaphthylene	0.34	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Aniline	0.34	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Azobenzene	0.34	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Benzo(g,h,i)perylene	0.34	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Benzoic acid	0.84	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Benzyl alcohol	0.34	mg/kg	UJ
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Bis(2-chloroethoxy)methane	0.34	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Bis(2-chloroethyl)ether	0.34	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Bis(2-ethylhexyl)phthalate	0.34	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Bromophenyl-phenylether[4-]	0.34	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Butylbenzylphthalate	0.34	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Chloro-3-methylphenol[4-]	0.34	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Chloroaniline[4-]	0.34	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Chloronaphthalene[2-]	0.34	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Chlorophenol[2-]	0.34	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Chlorophenyl-phenyl[4-] ether	0.34	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Di-n-butylphthalate	0.34	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Di-n-octylphthalate	0.34	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Dibenzofuran	0.34	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Dichlorobenzene[1,2-]	0.34	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Dichlorobenzene[1,3-]	0.34	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Dichlorobenzene[1,4-]	0.34	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Dichlorobenzidine[3,3'-]	0.34	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Dichlorophenol[2,4-]	0.34	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Diethylphthalate	0.34	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Dimethyl phthalate	0.34	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Dimethylphenol[2,4-]	0.34	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Dinitro-2-methylphenol[4,6-]	0.84	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Dinitrophenol[2,4-]	0.84	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Dinitrotoluene[2,4-]	0.34	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Dinitrotoluene[2,6-]	0.34	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Hexachlorobenzene	0.34	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Hexachlorobutadiene	0.34	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Hexachlorocyclopentadiene	0.34	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Hexachloroethane	0.34	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Indeno(1,2,3-cd)pyrene	0.34	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Isophorone	0.34	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Methylphenol[2-]	0.34	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Methylphenol[4-]	0.34	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Nitroaniline[2-]	0.84	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Nitroaniline[3-]	0.84	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Nitroaniline[4-]	0.34	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Nitrobenzene	0.34	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Nitrophenol[2-]	0.34	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Nitrophenol[4-]	0.84	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Nitroso-di-n-propylamine[N-]	0.34	mg/kg	UJ
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Nitrosodimethylamine[N-]	0.34	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Nitrosodiphenylamine[N-]	0.34	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Oxybis(1-chloropropane)[2,2'-]	0.34	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Pentachlorophenol	0.84	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Phenol	0.34	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Pyridine	0.34	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Trichlorobenzene[1,2,4-]	0.34	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Trichlorophenol[2,4,5-]	0.84	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Trichlorophenol[2,4,6-]	0.34	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Acetone	0.017	mg/kg	R
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Bromobenzene	0.007	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Bromochloromethane	0.007	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Bromodichloromethane	0.007	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Bromoform	0.007	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Bromomethane	0.014	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Butanone[2-]	0.028	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Butylbenzene[n-]	0.007	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Butylbenzene[sec-]	0.007	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Butylbenzene[tert-]	0.007	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Carbon disulfide	0.007	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Carbon tetrachloride	0.007	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Chlorobenzene	0.007	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Chlorodibromomethane	0.007	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Chloroethane	0.014	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Chloroform	0.007	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Chloromethane	0.014	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Chlorotoluene[2-]	0.007	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Chlorotoluene[4-]	0.007	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Dibromo-3-chloropropane[1,2-]	0.014	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Dibromomethane	0.007	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Dichlorobenzene[1,2-]	0.007	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Dichlorobenzene[1,3-]	0.007	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Dichlorobenzene[1,4-]	0.007	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Dichlorodifluoromethane	0.014	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Dichloroethane[1,1-]	0.007	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Dichloroethene[1,1-]	0.007	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Dichloroethene[cis-1,2-]	0.007	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Dichloroethene[trans-1,2-]	0.007	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Dichloropropane[1,2-]	0.007	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Dichloropropane[1,3-]	0.007	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Dichloropropane[2,2-]	0.007	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Dichloropropene[1,1-]	0.007	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Dichloropropene[cis-1,3-]	0.007	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Dichloropropene[trans-1,3-]	0.007	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Hexanone[2-]	0.028	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Iodomethane	0.007	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Isopropylbenzene	0.007	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Isopropyltoluene[4-]	0.007	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Methyl-2-pentanone[4-]	0.028	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Methylene chloride	0.016	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Propylbenzene[1-]	0.007	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Styrene	0.007	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Tetrachloroethane[1,1,1,2-]	0.007	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Tetrachloroethane[1,1,2,2-]	0.007	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Tetrachloroethene	0.007	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.006	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Trichloroethane[1,1,1-]	0.007	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Trichloroethane[1,1,2-]	0.007	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Trichloroethene	0.007	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Trichlorofluoromethane	0.004	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Trichloropropane[1,2,3-]	0.007	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Trimethylbenzene[1,2,4-]	0.007	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Trimethylbenzene[1,3,5-]	0.007	mg/kg	U
Mesa top	21-11150	MD21-00-0102	107.5–108.5	Qbt 2	Vinyl chloride	0.014	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Aluminum	2400	mg/kg	J
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Antimony	0.169	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Arsenic	1.59	mg/kg	None
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Barium	14	mg/kg	J
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Beryllium	0.51	mg/kg	J
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Cadmium	0.0411	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Calcium	350	mg/kg	J
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Chromium, total	2	mg/kg	None
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Cobalt	1.6	mg/kg	None
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Copper	2.3	mg/kg	None
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Iron	7300	mg/kg	None
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Magnesium	330	mg/kg	J
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Manganese	300	mg/kg	None
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Mercury	0.0187	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Nickel	1.92	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Potassium	340	mg/kg	J
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Selenium	0.08	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Silver	0.22	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Sodium	77	mg/kg	J
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Thallium	0.12	mg/kg	J
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Vanadium	4	mg/kg	J

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Zinc	40	mg/kg	None
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Ethanol	5.2	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Acenaphthylene	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Aniline	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Azobenzene	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Benzo(g,h,i)perylene	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Benzoic acid	0.86	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Benzyl alcohol	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Bis(2-chloroethoxy)methane	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Bis(2-chloroethyl)ether	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Bis(2-ethylhexyl)phthalate	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Bromophenyl-phenylether[4-]	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Butylbenzylphthalate	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Chloro-3-methylphenol[4-]	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Chloroaniline[4-]	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Chloronaphthalene[2-]	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Chlorophenol[2-]	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Di-n-butylphthalate	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Di-n-octylphthalate	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Dibenzofuran	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Dichlorobenzene[1,2-]	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Dichlorobenzene[1,3-]	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Dichlorobenzene[1,4-]	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Dichlorobenzidine[3,3'-]	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Dichlorophenol[2,4-]	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Diethylphthalate	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Dimethyl phthalate	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Dimethylphenol[2,4-]	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Dinitro-2-methylphenol[4,6-]	0.86	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Dinitrophenol[2,4-]	0.86	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Dinitrotoluene[2,4-]	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Dinitrotoluene[2,6-]	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Hexachlorobenzene	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Hexachlorobutadiene	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Hexachlorocyclopentadiene	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Hexachloroethane	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Indeno(1,2,3-cd)pyrene	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Isophorone	0.34	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Methylphenol[2-]	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Methylphenol[4-]	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Nitroaniline[2-]	0.86	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Nitroaniline[3-]	0.86	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Nitroaniline[4-]	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Nitrobenzene	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Nitrophenol[2-]	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Nitrophenol[4-]	0.86	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Nitroso-di-n-propylamine[N-]	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Nitrosodimethylamine[N-]	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Nitrosodiphenylamine[N-]	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Pentachlorophenol	0.86	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Phenol	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Pyridine	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Trichlorobenzene[1,2,4-]	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Trichlorophenol[2,4,5-]	0.86	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Trichlorophenol[2,4,6-]	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Acetone	0.024	mg/kg	R
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Bromobenzene	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Bromochloromethane	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Bromodichloromethane	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Bromoform	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Bromomethane	0.012	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Butanone[2-]	0.024	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Butylbenzene[n-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Butylbenzene[sec-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Butylbenzene[tert-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Carbon disulfide	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Carbon tetrachloride	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Chlorobenzene	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Chlorodibromomethane	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Chloroethane	0.012	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Chloroform	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Chloromethane	0.012	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Chlorotoluene[2-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Chlorotoluene[4-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Dibromo-3-chloropropane[1,2-]	0.012	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Dibromomethane	0.006	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Dichlorobenzene[1,2-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Dichlorobenzene[1,3-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Dichlorobenzene[1,4-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Dichlorodifluoromethane	0.012	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Dichloroethane[1,1-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Dichloroethene[1,1-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Dichloroethene[cis-1,2-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Dichloroethene[trans-1,2-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Dichloropropane[1,2-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Dichloropropane[1,3-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Dichloropropane[2,2-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Dichloropropene[1,1-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Dichloropropene[cis-1,3-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Dichloropropene[trans-1,3-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Hexanone[2-]	0.024	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Iodomethane	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Isopropylbenzene	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Isopropyltoluene[4-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Methyl-2-pentanone[4-]	0.024	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Methylene chloride	0.011	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Propylbenzene[1-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Styrene	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Tetrachloroethane[1,1,1,2-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Tetrachloroethane[1,1,2,2-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Tetrachloroethene	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Trichloroethane[1,1,1-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Trichloroethane[1,1,2-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Trichloroethene	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Trichlorofluoromethane	0.002	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Trichloropropane[1,2,3-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Trimethylbenzene[1,2,4-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Trimethylbenzene[1,3,5-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0103	24–25	Qbt 3	Vinyl chloride	0.012	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Aluminum	1400	mg/kg	J
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Antimony	0.163	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Arsenic	1.3	mg/kg	None
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Barium	12	mg/kg	J
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Beryllium	0.91	mg/kg	None

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Cadmium	0.043	mg/kg	J
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Calcium	510	mg/kg	J
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Chromium, total	2.1	mg/kg	None
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Cobalt	1.2	mg/kg	None
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Copper	1.4	mg/kg	None
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Iron	4700	mg/kg	None
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Magnesium	190	mg/kg	J
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Manganese	270	mg/kg	None
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Mercury	0.0181	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Nickel	1.86	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Potassium	160	mg/kg	J
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Selenium	0.0776	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Silver	0.213	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Sodium	59	mg/kg	J
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Thallium	0.046	mg/kg	J
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Vanadium	3	mg/kg	J
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Zinc	30	mg/kg	None
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Ethanol	5.1	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Acenaphthylene	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Aniline	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Azobenzene	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Benzo(g,h,i)perylene	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Benzoic acid	0.86	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Benzyl alcohol	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Bis(2-chloroethoxy)methane	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Bis(2-chloroethyl)ether	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Bis(2-ethylhexyl)phthalate	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Bromophenyl-phenylether[4-]	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Butylbenzylphthalate	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Chloro-3-methylphenol[4-]	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Chloroaniline[4-]	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Chloronaphthalene[2-]	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Chlorophenol[2-]	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Di-n-butylphthalate	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Di-n-octylphthalate	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Dibenzofuran	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Dichlorobenzene[1,2-]	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Dichlorobenzene[1,3-]	0.34	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Dichlorobenzene[1,4-]	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Dichlorobenzidine[3,3'-]	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Dichlorophenol[2,4-]	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Diethylphthalate	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Dimethyl phthalate	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Dimethylphenol[2,4-]	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Dinitro-2-methylphenol[4,6-]	0.86	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Dinitrophenol[2,4-]	0.86	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Dinitrotoluene[2,4-]	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Dinitrotoluene[2,6-]	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Hexachlorobenzene	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Hexachlorobutadiene	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Hexachlorocyclopentadiene	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Hexachloroethane	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Indeno(1,2,3-cd)pyrene	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Isophorone	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Methylphenol[2-]	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Methylphenol[4-]	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Nitroaniline[2-]	0.86	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Nitroaniline[3-]	0.86	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Nitroaniline[4-]	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Nitrobenzene	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Nitrophenol[2-]	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Nitrophenol[4-]	0.86	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Nitroso-di-n-propylamine[N-]	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Nitrosodimethylamine[N-]	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Nitrosodiphenylamine[N-]	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Pentachlorophenol	0.86	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Phenol	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Pyridine	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Trichlorobenzene[1,2,4-]	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Trichlorophenol[2,4,5-]	0.86	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Trichlorophenol[2,4,6-]	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Acetone	0.024	mg/kg	R
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Bromobenzene	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Bromochloromethane	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Bromodichloromethane	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Bromoform	0.006	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Bromomethane	0.012	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Butanone[2-]	0.024	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Butylbenzene[n-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Butylbenzene[sec-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Butylbenzene[tert-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Carbon disulfide	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Carbon tetrachloride	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Chlorobenzene	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Chlorodibromomethane	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Chloroethane	0.012	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Chloroform	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Chloromethane	0.012	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Chlorotoluene[2-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Chlorotoluene[4-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Dibromo-3-chloropropane[1,2-]	0.012	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Dibromomethane	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Dichlorobenzene[1,2-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Dichlorobenzene[1,3-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Dichlorobenzene[1,4-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Dichlorodifluoromethane	0.012	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Dichloroethane[1,1-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Dichloroethene[1,1-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Dichloroethene[cis-1,2-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Dichloroethene[trans-1,2-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Dichloropropane[1,2-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Dichloropropane[1,3-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Dichloropropane[2,2-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Dichloropropene[1,1-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Dichloropropene[cis-1,3-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Dichloropropene[trans-1,3-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Hexanone[2-]	0.024	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Iodomethane	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Isopropylbenzene	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Isopropyltoluene[4-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Methyl-2-pentanone[4-]	0.024	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Methylene chloride	0.01	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Propylbenzene[1-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Styrene	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Tetrachloroethane[1,1,1,2-]	0.006	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Tetrachloroethane[1,1,2,2-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Tetrachloroethene	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Trichloroethane[1,1,1-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Trichloroethane[1,1,2-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Trichloroethene	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Trichlorofluoromethane	0.002	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Trichloropropane[1,2,3-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Trimethylbenzene[1,2,4-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Trimethylbenzene[1,3,5-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0104	95–96	Qbt 3	Vinyl chloride	0.012	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Aluminum	580	mg/kg	J
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Antimony	0.163	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Arsenic	0.96	mg/kg	J
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Barium	12	mg/kg	J
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Beryllium	0.62	mg/kg	None
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Cadmium	0.0398	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Calcium	330	mg/kg	J
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Chromium, total	1.7	mg/kg	None
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Cobalt	1.1	mg/kg	None
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Copper	1.3	mg/kg	None
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Iron	4300	mg/kg	None
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Magnesium	110	mg/kg	J
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Manganese	260	mg/kg	None
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Mercury	0.0181	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Nickel	1.86	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Potassium	120	mg/kg	J
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Selenium	0.0776	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Silver	0.213	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Sodium	57	mg/kg	J
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Thallium	0.047	mg/kg	J
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Vanadium	2.3	mg/kg	J
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Zinc	28	mg/kg	None
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Ethanol	5	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Acenaphthylene	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Aniline	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Azobenzene	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Benzo(g,h,i)perylene	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Benzoic acid	0.84	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Benzyl alcohol	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Bis(2-chloroethoxy)methane	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Bis(2-chloroethyl)ether	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Bis(2-ethylhexyl)phthalate	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Bromophenyl-phenylether[4-]	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Butylbenzylphthalate	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Chloro-3-methylphenol[4-]	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Chloroaniline[4-]	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Chloronaphthalene[2-]	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Chlorophenol[2-]	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Di-n-butylphthalate	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Di-n-octylphthalate	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Dibenzofuran	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Dichlorobenzene[1,2-]	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Dichlorobenzene[1,3-]	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Dichlorobenzene[1,4-]	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Dichlorobenzidine[3,3'-]	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Dichlorophenol[2,4-]	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Diethylphthalate	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Dimethyl phthalate	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Dimethylphenol[2,4-]	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Dinitro-2-methylphenol[4,6-]	0.84	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Dinitrophenol[2,4-]	0.84	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Dinitrotoluene[2,4-]	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Dinitrotoluene[2,6-]	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Hexachlorobenzene	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Hexachlorobutadiene	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Hexachlorocyclopentadiene	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Hexachloroethane	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Indeno(1,2,3-cd)pyrene	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Isophorone	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Methylphenol[2-]	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Methylphenol[4-]	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Nitroaniline[2-]	0.84	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Nitroaniline[3-]	0.84	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Nitroaniline[4-]	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Nitrobenzene	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Nitrophenol[2-]	0.34	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Nitrophenol[4-]	0.84	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Nitroso-di-n-propylamine[N-]	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Nitrosodimethylamine[N-]	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Nitrosodiphenylamine[N-]	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Pentachlorophenol	0.84	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Phenol	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Pyridine	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Trichlorobenzene[1,2,4-]	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Trichlorophenol[2,4,5-]	0.84	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Trichlorophenol[2,4,6-]	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Acetone	0.022	mg/kg	R
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Bromobenzene	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Bromochloromethane	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Bromodichloromethane	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Bromoform	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Bromomethane	0.011	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Butanone[2-]	0.022	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Butylbenzene[n-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Butylbenzene[sec-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Butylbenzene[tert-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Carbon disulfide	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Carbon tetrachloride	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Chlorobenzene	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Chlorodibromomethane	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Chloroethane	0.011	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Chloroform	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Chloromethane	0.011	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Chlorotoluene[2-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Chlorotoluene[4-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Dibromo-3-chloropropane[1,2-]	0.011	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Dibromomethane	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Dichlorobenzene[1,2-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Dichlorobenzene[1,3-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Dichlorobenzene[1,4-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Dichlorodifluoromethane	0.011	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Dichloroethane[1,1-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Dichloroethene[1,1-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Dichloroethene[cis-1,2-]	0.006	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Dichloroethene[trans-1,2-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Dichloropropane[1,2-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Dichloropropane[1,3-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Dichloropropane[2,2-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Dichloropropene[1,1-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Dichloropropene[cis-1,3-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Dichloropropene[trans-1,3-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Hexanone[2-]	0.022	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Iodomethane	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Isopropylbenzene	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Isopropyltoluene[4-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Methyl-2-pentanone[4-]	0.022	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Methylene chloride	0.01	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Propylbenzene[1-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Styrene	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Tetrachloroethane[1,1,1,2-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Tetrachloroethane[1,1,2,2-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Tetrachloroethene	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Trichloroethane[1,1,1-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Trichloroethane[1,1,2-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Trichloroethene	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Trichlorofluoromethane	0.002	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Trichloropropane[1,2,3-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Trimethylbenzene[1,2,4-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Trimethylbenzene[1,3,5-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0105	105–105.5	Qbt 3	Vinyl chloride	0.011	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Aluminum	350	mg/kg	J
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Antimony	0.162	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Arsenic	1.3	mg/kg	None
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Barium	15	mg/kg	J
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Beryllium	0.54	mg/kg	None
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Cadmium	0.057	mg/kg	J
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Calcium	420	mg/kg	J
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Chromium, total	4.2	mg/kg	None
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Cobalt	1.3	mg/kg	None
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Copper	1.3	mg/kg	None
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Iron	4700	mg/kg	None
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Magnesium	190	mg/kg	J

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Manganese	320	mg/kg	None
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Mercury	0.0179	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Nickel	2.2	mg/kg	None
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Potassium	180	mg/kg	J
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Selenium	0.0768	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Silver	0.211	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Sodium	95	mg/kg	J
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Thallium	0.049	mg/kg	J
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Vanadium	2.4	mg/kg	J
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Zinc	32	mg/kg	None
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Ethanol	5	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Acenaphthylene	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Aniline	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Azobenzene	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Benzo(g,h,i)perylene	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Benzoic acid	0.84	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Benzyl alcohol	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Bis(2-chloroethoxy)methane	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Bis(2-chloroethyl)ether	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Bis(2-ethylhexyl)phthalate	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Bromophenyl-phenylether[4-]	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Butylbenzylphthalate	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Chloro-3-methylphenol[4-]	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Chloroaniline[4-]	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Chloronaphthalene[2-]	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Chlorophenol[2-]	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Chlorophenyl-phenyl[4-] ether	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Di-n-butylphthalate	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Di-n-octylphthalate	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Dibenzofuran	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Dichlorobenzene[1,2-]	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Dichlorobenzene[1,3-]	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Dichlorobenzene[1,4-]	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Dichlorobenzidine[3,3'-]	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Dichlorophenol[2,4-]	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Diethylphthalate	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Dimethyl phthalate	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Dimethylphenol[2,4-]	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Dinitro-2-methylphenol[4,6-]	0.84	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Dinitrophenol[2,4-]	0.84	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Dinitrotoluene[2,4-]	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Dinitrotoluene[2,6-]	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Hexachlorobenzene	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Hexachlorobutadiene	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Hexachlorocyclopentadiene	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Hexachloroethane	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Indeno(1,2,3-cd)pyrene	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Isophorone	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Methylphenol[2-]	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Methylphenol[4-]	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Nitroaniline[2-]	0.84	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Nitroaniline[3-]	0.84	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Nitroaniline[4-]	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Nitrobenzene	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Nitrophenol[2-]	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Nitrophenol[4-]	0.84	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Nitroso-di-n-propylamine[N-]	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Nitrosodimethylamine[N-]	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Nitrosodiphenylamine[N-]	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Oxybis(1-chloropropane)[2,2'-]	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Pentachlorophenol	0.84	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Phenol	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Pyridine	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Trichlorobenzene[1,2,4-]	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Trichlorophenol[2,4,5-]	0.84	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Trichlorophenol[2,4,6-]	0.34	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Acetone	0.022	mg/kg	R
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Bromobenzene	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Bromochloromethane	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Bromodichloromethane	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Bromoform	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Bromomethane	0.011	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Butanone[2-]	0.022	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Butylbenzene[n-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Butylbenzene[sec-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Butylbenzene[tert-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Carbon disulfide	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Carbon tetrachloride	0.006	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Chlorobenzene	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Chlorodibromomethane	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Chloroethane	0.011	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Chloroform	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Chloromethane	0.011	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Chlorotoluene[2-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Chlorotoluene[4-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Dibromo-3-chloropropane[1,2-]	0.011	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Dibromomethane	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Dichlorobenzene[1,2-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Dichlorobenzene[1,3-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Dichlorobenzene[1,4-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Dichlorodifluoromethane	0.011	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Dichloroethane[1,1-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Dichloroethene[1,1-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Dichloroethene[cis-1,2-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Dichloroethene[trans-1,2-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Dichloropropane[1,2-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Dichloropropane[1,3-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Dichloropropane[2,2-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Dichloropropene[1,1-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Dichloropropene[cis-1,3-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Dichloropropene[trans-1,3-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Hexanone[2-]	0.022	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Iodomethane	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Isopropylbenzene	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Isopropyltoluene[4-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Methyl-2-pentanone[4-]	0.022	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Methylene chloride	0.009	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Propylbenzene[1-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Styrene	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Tetrachloroethane[1,1,1,2-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Tetrachloroethane[1,1,2,2-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Tetrachloroethene	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Trichloroethane[1,1,1-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Trichloroethane[1,1,2-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Trichloroethene	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Trichlorofluoromethane	0.002	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Trichloropropane[1,2,3-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Trimethylbenzene[1,2,4-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Trimethylbenzene[1,3,5-]	0.006	mg/kg	U
Mesa top	21-11151	MD21-00-0106	105.5–106.5	Qbt 2	Vinyl chloride	0.011	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Aluminum	1350	mg/kg	J
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Antimony	0.41	mg/kg	UJ
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Arsenic	1.4	mg/kg	J
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Barium	7	mg/kg	J
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Beryllium	0.51	mg/kg	J
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Cadmium	0.06	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Calcium	272	mg/kg	J
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Chromium, total	1.3	mg/kg	J
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Cobalt	0.33	mg/kg	J
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Copper	1.8	mg/kg	J
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Iron	4420	mg/kg	J
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Magnesium	237	mg/kg	J
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Manganese	250	mg/kg	None
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Mercury	0.02	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Nickel	1.2	mg/kg	J
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Potassium	308	mg/kg	J
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Selenium	0.84	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Silver	0.22	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Sodium	140	mg/kg	J
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Thallium	0.7	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Vanadium	1.7	mg/kg	J
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Zinc	35.9	mg/kg	None
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Ethanol	5.3	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Acenaphthylene	0.36	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Aniline	0.36	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Azobenzene	0.36	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Benzo(g,h,i)perylene	0.36	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Benzoic acid	0.89	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Benzyl alcohol	0.36	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Bis(2-chloroethoxy)methane	0.36	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Bis(2-chloroethyl)ether	0.36	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Bis(2-ethylhexyl)phthalate	0.36	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Bromophenyl-phenylether[4-]	0.36	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Butylbenzylphthalate	0.36	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Chloro-3-methylphenol[4-]	0.36	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Chloroaniline[4-]	0.36	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Chloronaphthalene[2-]	0.36	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Chlorophenol[2-]	0.36	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.36	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Di-n-butylphthalate	0.36	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Di-n-octylphthalate	0.36	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Dibenzofuran	0.36	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Dichlorobenzene[1,2-]	0.36	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Dichlorobenzene[1,3-]	0.36	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Dichlorobenzene[1,4-]	0.36	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Dichlorobenzidine[3,3'-]	0.36	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Dichlorophenol[2,4-]	0.36	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Diethylphthalate	0.36	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Dimethyl phthalate	0.36	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Dimethylphenol[2,4-]	0.36	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Dinitro-2-methylphenol[4,6-]	0.89	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Dinitrophenol[2,4-]	0.89	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Dinitrotoluene[2,4-]	0.36	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Dinitrotoluene[2,6-]	0.36	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Hexachlorobenzene	0.36	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Hexachlorobutadiene	0.36	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Hexachlorocyclopentadiene	0.36	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Hexachloroethane	0.36	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Indeno(1,2,3-cd)pyrene	0.36	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Isophorone	0.36	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Methylphenol[2-]	0.36	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Methylphenol[4-]	0.36	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Nitroaniline[2-]	0.89	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Nitroaniline[3-]	0.89	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Nitroaniline[4-]	0.36	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Nitrobenzene	0.36	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Nitrophenol[2-]	0.36	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Nitrophenol[4-]	0.89	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Nitroso-di-n-propylamine[N-]	0.36	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Nitrosodimethylamine[N-]	0.36	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Nitrosodiphenylamine[N-]	0.36	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.36	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Pentachlorophenol	0.89	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Phenol	0.36	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Pyridine	0.36	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Trichlorobenzene[1,2,4-]	0.36	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Trichlorophenol[2,4,5-]	0.89	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Trichlorophenol[2,4,6-]	0.36	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Acetone	0.026	mg/kg	R
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Bromobenzene	0.006	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Bromochloromethane	0.006	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Bromodichloromethane	0.006	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Bromoform	0.006	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Bromomethane	0.013	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Butanone[2-]	0.026	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Butylbenzene[n-]	0.006	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Butylbenzene[sec-]	0.006	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Butylbenzene[tert-]	0.006	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Carbon disulfide	0.006	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Carbon tetrachloride	0.006	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Chlorobenzene	0.006	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Chlorodibromomethane	0.006	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Chloroethane	0.013	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Chloroform	0.006	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Chloromethane	0.013	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Chlorotoluene[2-]	0.006	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Chlorotoluene[4-]	0.006	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Dibromo-3-chloropropane[1,2-]	0.013	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Dibromomethane	0.006	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Dichlorobenzene[1,2-]	0.006	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Dichlorobenzene[1,3-]	0.006	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Dichlorobenzene[1,4-]	0.006	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Dichlorodifluoromethane	0.013	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Dichloroethane[1,1-]	0.006	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Dichloroethene[1,1-]	0.006	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Dichloroethene[cis-1,2-]	0.006	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Dichloroethene[trans-1,2-]	0.006	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Dichloropropane[1,2-]	0.006	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Dichloropropane[1,3-]	0.006	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Dichloropropane[2,2-]	0.006	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Dichloropropene[1,1-]	0.006	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Dichloropropene[cis-1,3-]	0.006	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Dichloropropene[trans-1,3-]	0.006	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Hexanone[2-]	0.026	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Iodomethane	0.006	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Isopropylbenzene	0.006	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Isopropyltoluene[4-]	0.006	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Methyl-2-pentanone[4-]	0.026	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Methylene chloride	0.013	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Propylbenzene[1-]	0.006	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Styrene	0.006	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Tetrachloroethane[1,1,1,2-]	0.006	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Tetrachloroethane[1,1,2,2-]	0.006	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Tetrachloroethene	0.006	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.006	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Trichloroethane[1,1,1-]	0.006	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Trichloroethane[1,1,2-]	0.006	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Trichloroethene	0.006	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Trichlorofluoromethane	0.001	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Trichloropropane[1,2,3-]	0.006	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Trimethylbenzene[1,2,4-]	0.006	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Trimethylbenzene[1,3,5-]	0.006	mg/kg	U
Mesa top	21-11153	MD21-00-0109	49–50	Qbt 3	Vinyl chloride	0.013	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Aluminum	301	mg/kg	J
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Antimony	0.41	mg/kg	UJ
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Arsenic	1.8	mg/kg	J
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Barium	12.5	mg/kg	J
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Beryllium	0.46	mg/kg	J
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Cadmium	0.06	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Calcium	157	mg/kg	J
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Chromium, total	3.2	mg/kg	None
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Cobalt	0.28	mg/kg	J
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Copper	0.86	mg/kg	J
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Iron	3700	mg/kg	J
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Magnesium	37.3	mg/kg	J
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Manganese	323	mg/kg	None
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Mercury	0.02	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Nickel	1.9	mg/kg	J
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Potassium	132	mg/kg	J
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Selenium	0.85	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Silver	0.22	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Sodium	104	mg/kg	J

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Thallium	0.71	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Vanadium	1.5	mg/kg	J
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Zinc	26.5	mg/kg	None
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Ethanol	5.2	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Acenaphthylene	0.34	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Aniline	0.34	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Azobenzene	0.34	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Benzo(g,h,i)perylene	0.34	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Benzoic acid	0.86	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Benzyl alcohol	0.34	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Bis(2-chloroethoxy)methane	0.34	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Bis(2-chloroethyl)ether	0.34	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Bis(2-ethylhexyl)phthalate	0.34	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Bromophenyl-phenylether[4-]	0.34	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Butylbenzylphthalate	0.34	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Chloro-3-methylphenol[4-]	0.34	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Chloroaniline[4-]	0.34	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Chloronaphthalene[2-]	0.34	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Chlorophenol[2-]	0.34	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Chlorophenyl-phenyl[4-] ether	0.34	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Di-n-butylphthalate	0.34	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Di-n-octylphthalate	0.34	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Dibenzofuran	0.34	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Dichlorobenzene[1,2-]	0.34	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Dichlorobenzene[1,3-]	0.34	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Dichlorobenzene[1,4-]	0.34	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Dichlorobenzidine[3,3'-]	0.34	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Dichlorophenol[2,4-]	0.34	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Diethylphthalate	0.34	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Dimethyl phthalate	0.34	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Dimethylphenol[2,4-]	0.34	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Dinitro-2-methylphenol[4,6-]	0.86	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Dinitrophenol[2,4-]	0.86	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Dinitrotoluene[2,4-]	0.34	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Dinitrotoluene[2,6-]	0.34	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Hexachlorobenzene	0.34	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Hexachlorobutadiene	0.34	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Hexachlorocyclopentadiene	0.34	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Hexachloroethane	0.34	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Indeno(1,2,3-cd)pyrene	0.34	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Isophorone	0.34	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Methylphenol[2-]	0.34	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Methylphenol[4-]	0.34	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Nitroaniline[2-]	0.86	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Nitroaniline[3-]	0.86	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Nitroaniline[4-]	0.34	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Nitrobenzene	0.34	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Nitrophenol[2-]	0.34	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Nitrophenol[4-]	0.86	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Nitroso-di-n-propylamine[N-]	0.34	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Nitrosodimethylamine[N-]	0.34	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Nitrosodiphenylamine[N-]	0.34	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Oxybis(1-chloropropane)[2,2'-]	0.34	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Pentachlorophenol	0.86	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Phenol	0.34	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Pyridine	0.34	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Trichlorobenzene[1,2,4-]	0.34	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Trichlorophenol[2,4,5-]	0.86	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Trichlorophenol[2,4,6-]	0.34	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Acetone	0.012	mg/kg	R
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Bromobenzene	0.006	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Bromochloromethane	0.006	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Bromodichloromethane	0.006	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Bromoform	0.006	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Bromomethane	0.012	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Butanone[2-]	0.024	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Butylbenzene[n-]	0.006	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Butylbenzene[sec-]	0.006	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Butylbenzene[tert-]	0.006	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Carbon disulfide	0.006	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Carbon tetrachloride	0.006	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Chlorobenzene	0.006	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Chlorodibromomethane	0.006	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Chloroethane	0.012	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Chloroform	0.006	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Chloromethane	0.012	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Chlorotoluene[2-]	0.006	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Chlorotoluene[4-]	0.006	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Dibromo-3-chloropropane[1,2-]	0.012	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Dibromomethane	0.006	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Dichlorobenzene[1,2-]	0.006	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Dichlorobenzene[1,3-]	0.006	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Dichlorobenzene[1,4-]	0.006	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Dichlorodifluoromethane	0.012	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Dichloroethane[1,1-]	0.006	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Dichloroethene[1,1-]	0.006	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Dichloroethene[cis-1,2-]	0.006	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Dichloroethene[trans-1,2-]	0.006	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Dichloropropane[1,2-]	0.006	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Dichloropropane[1,3-]	0.006	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Dichloropropane[2,2-]	0.006	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Dichloropropene[1,1-]	0.006	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Dichloropropene[cis-1,3-]	0.006	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Dichloropropene[trans-1,3-]	0.006	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Hexanone[2-]	0.024	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Iodomethane	0.006	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Isopropylbenzene	0.006	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Isopropyltoluene[4-]	0.006	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Methyl-2-pentanone[4-]	0.024	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Methylene chloride	0.013	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Propylbenzene[1-]	0.006	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Styrene	0.006	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Tetrachloroethane[1,1,1,2-]	0.006	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Tetrachloroethane[1,1,2,2-]	0.006	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Tetrachloroethene	0.006	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.006	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Trichloroethane[1,1,1-]	0.006	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Trichloroethane[1,1,2-]	0.006	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Trichloroethene	0.006	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Trichlorofluoromethane	0.002	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Trichloropropane[1,2,3-]	0.006	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Trimethylbenzene[1,2,4-]	0.006	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Trimethylbenzene[1,3,5-]	0.006	mg/kg	U
Mesa top	21-11153	MD21-00-0110	94–95	Qbt 2	Vinyl chloride	0.012	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Aluminum	422	mg/kg	J
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Antimony	0.41	mg/kg	UJ
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Arsenic	1	mg/kg	J

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Barium	14.2	mg/kg	J
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Beryllium	0.45	mg/kg	J
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Cadmium	0.06	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Calcium	187	mg/kg	J
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Chromium, total	0.55	mg/kg	J
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Cobalt	0.36	mg/kg	J
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Copper	1.1	mg/kg	J
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Iron	3270	mg/kg	J
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Magnesium	67.2	mg/kg	J
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Manganese	356	mg/kg	None
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Mercury	0.02	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Nickel	0.59	mg/kg	J
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Potassium	93.4	mg/kg	J
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Selenium	0.85	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Silver	0.22	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Sodium	74.5	mg/kg	J
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Thallium	0.71	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Vanadium	2	mg/kg	J
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Zinc	24.4	mg/kg	None
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Ethanol	5.2	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Acenaphthylene	0.35	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Aniline	0.35	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Azobenzene	0.35	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Benzo(g,h,i)perylene	0.35	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Benzoic acid	0.87	mg/kg	UJ
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Benzyl alcohol	0.35	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Bis(2-chloroethoxy)methane	0.35	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Bis(2-chloroethyl)ether	0.35	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Bis(2-ethylhexyl)phthalate	0.027	mg/kg	J
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Bromophenyl-phenylether[4-]	0.35	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Butylbenzylphthalate	0.35	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Chloro-3-methylphenol[4-]	0.35	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Chloroaniline[4-]	0.35	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Chloronaphthalene[2-]	0.35	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Chlorophenol[2-]	0.35	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.35	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Di-n-butylphthalate	0.35	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Di-n-octylphthalate	0.35	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Dibenzofuran	0.35	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Dichlorobenzene[1,2-]	0.35	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Dichlorobenzene[1,3-]	0.35	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Dichlorobenzene[1,4-]	0.35	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Dichlorobenzidine[3,3'-]	0.35	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Dichlorophenol[2,4-]	0.35	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Diethylphthalate	0.35	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Dimethyl phthalate	0.35	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Dimethylphenol[2,4-]	0.35	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Dinitro-2-methylphenol[4,6-]	0.87	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Dinitrophenol[2,4-]	0.87	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Dinitrotoluene[2,4-]	0.35	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Dinitrotoluene[2,6-]	0.35	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Hexachlorobenzene	0.35	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Hexachlorobutadiene	0.35	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Hexachlorocyclopentadiene	0.35	mg/kg	UJ
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Hexachloroethane	0.35	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Isophorone	0.35	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Methylphenol[2-]	0.35	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Methylphenol[4-]	0.35	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Nitroaniline[2-]	0.87	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Nitroaniline[3-]	0.87	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Nitroaniline[4-]	0.35	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Nitrobenzene	0.35	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Nitrophenol[2-]	0.35	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Nitrophenol[4-]	0.87	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Nitrosodimethylamine[N-]	0.35	mg/kg	UJ
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Nitrosodiphenylamine[N-]	0.35	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Pentachlorophenol	0.87	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Phenol	0.35	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Pyridine	0.35	mg/kg	UJ
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Trichlorobenzene[1,2,4-]	0.35	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Trichlorophenol[2,4,5-]	0.87	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Trichlorophenol[2,4,6-]	0.35	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Acetone	0.026	mg/kg	R
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Bromobenzene	0.006	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Bromochloromethane	0.006	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Bromodichloromethane	0.006	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Bromoform	0.006	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Bromomethane	0.013	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Butanone[2-]	0.026	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Butylbenzene[n-]	0.006	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Butylbenzene[sec-]	0.006	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Butylbenzene[tert-]	0.006	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Carbon disulfide	0.006	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Carbon tetrachloride	0.006	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Chlorobenzene	0.006	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Chlorodibromomethane	0.006	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Chloroethane	0.013	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Chloroform	0.006	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Chloromethane	0.013	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Chlorotoluene[2-]	0.006	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Chlorotoluene[4-]	0.006	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Dibromo-3-chloropropane[1,2-]	0.013	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Dibromomethane	0.006	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Dichlorobenzene[1,2-]	0.006	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Dichlorobenzene[1,3-]	0.006	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Dichlorobenzene[1,4-]	0.006	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Dichlorodifluoromethane	0.013	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Dichloroethane[1,1-]	0.006	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Dichloroethene[1,1-]	0.006	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Dichloroethene[cis-1,2-]	0.006	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Dichloroethene[trans-1,2-]	0.006	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Dichloropropane[1,2-]	0.006	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Dichloropropane[1,3-]	0.006	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Dichloropropane[2,2-]	0.006	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Dichloropropene[1,1-]	0.006	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Dichloropropene[cis-1,3-]	0.006	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Dichloropropene[trans-1,3-]	0.006	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Hexanone[2-]	0.026	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Iodomethane	0.006	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Isopropylbenzene	0.006	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Isopropyltoluene[4-]	0.006	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Methyl-2-pentanone[4-]	0.026	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Methylene chloride	0.014	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Propylbenzene[1-]	0.006	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Styrene	0.006	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Tetrachloroethane[1,1,1,2-]	0.006	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Tetrachloroethane[1,1,2,2-]	0.006	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Tetrachloroethene	0.006	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.006	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Trichloroethane[1,1,1-]	0.006	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Trichloroethane[1,1,2-]	0.006	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Trichloroethene	0.006	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Trichlorofluoromethane	0.002	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Trichloropropane[1,2,3-]	0.006	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Trimethylbenzene[1,2,4-]	0.006	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Trimethylbenzene[1,3,5-]	0.006	mg/kg	U
Mesa top	21-11154	MD21-00-0111	49–50	Qbt 3	Vinyl chloride	0.013	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Aluminum	354	mg/kg	J
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Antimony	0.41	mg/kg	UJ
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Arsenic	1.4	mg/kg	J
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Barium	17.1	mg/kg	J
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Beryllium	0.35	mg/kg	J
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Cadmium	0.06	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Calcium	213	mg/kg	J
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Chromium, total	2.4	mg/kg	None
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Cobalt	0.19	mg/kg	J
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Copper	0.81	mg/kg	J
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Iron	3200	mg/kg	J
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Magnesium	55.4	mg/kg	J
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Manganese	269	mg/kg	None
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Mercury	0.02	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Nickel	1.9	mg/kg	J
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Potassium	127	mg/kg	J
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Selenium	0.84	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Silver	0.22	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Sodium	108	mg/kg	J
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Thallium	0.7	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Vanadium	1.5	mg/kg	J
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Zinc	28.3	mg/kg	None
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Ethanol	5.2	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Acenaphthylene	0.35	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Aniline	0.35	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Azobenzene	0.35	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Benzo(g,h,i)perylene	0.35	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Benzoic acid	0.87	mg/kg	UJ
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Benzyl alcohol	0.35	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Bis(2-chloroethoxy)methane	0.35	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Bis(2-chloroethyl)ether	0.35	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Bis(2-ethylhexyl)phthalate	0.35	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Bromophenyl-phenylether[4-]	0.35	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Butylbenzylphthalate	0.35	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Chloro-3-methylphenol[4-]	0.35	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Chloroaniline[4-]	0.35	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Chloronaphthalene[2-]	0.35	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Chlorophenol[2-]	0.35	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Chlorophenyl-phenyl[4-] ether	0.35	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Di-n-butylphthalate	0.35	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Di-n-octylphthalate	0.35	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Dibenzofuran	0.35	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Dichlorobenzene[1,2-]	0.35	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Dichlorobenzene[1,3-]	0.35	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Dichlorobenzene[1,4-]	0.35	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Dichlorobenzidine[3,3'-]	0.35	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Dichlorophenol[2,4-]	0.35	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Diethylphthalate	0.35	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Dimethyl phthalate	0.35	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Dimethylphenol[2,4-]	0.35	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Dinitro-2-methylphenol[4,6-]	0.87	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Dinitrophenol[2,4-]	0.87	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Dinitrotoluene[2,4-]	0.35	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Dinitrotoluene[2,6-]	0.35	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Hexachlorobenzene	0.35	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Hexachlorobutadiene	0.35	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Hexachlorocyclopentadiene	0.35	mg/kg	UJ
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Hexachloroethane	0.35	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Isophorone	0.35	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Methylphenol[2-]	0.35	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Methylphenol[4-]	0.35	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Nitroaniline[2-]	0.87	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Nitroaniline[3-]	0.87	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Nitroaniline[4-]	0.35	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Nitrobenzene	0.35	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Nitrophenol[2-]	0.35	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Nitrophenol[4-]	0.87	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Nitrosodimethylamine[N-]	0.35	mg/kg	UJ
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Nitrosodiphenylamine[N-]	0.35	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Pentachlorophenol	0.87	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Phenol	0.35	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Pyridine	0.35	mg/kg	UJ
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Trichlorobenzene[1,2,4-]	0.35	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Trichlorophenol[2,4,5-]	0.87	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Trichlorophenol[2,4,6-]	0.35	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Acetone	0.022	mg/kg	R
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Bromobenzene	0.006	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Bromochloromethane	0.006	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Bromodichloromethane	0.006	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Bromoform	0.006	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Bromomethane	0.011	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Butanone[2-]	0.022	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Butylbenzene[n-]	0.006	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Butylbenzene[sec-]	0.006	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Butylbenzene[tert-]	0.006	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Carbon disulfide	0.006	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Carbon tetrachloride	0.006	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Chlorobenzene	0.006	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Chlorodibromomethane	0.006	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Chloroethane	0.011	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Chloroform	0.006	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Chloromethane	0.011	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Chlorotoluene[2-]	0.006	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Chlorotoluene[4-]	0.006	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Dibromo-3-chloropropane[1,2-]	0.011	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Dibromomethane	0.006	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Dichlorobenzene[1,2-]	0.006	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Dichlorobenzene[1,3-]	0.006	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Dichlorobenzene[1,4-]	0.006	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Dichlorodifluoromethane	0.011	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Dichloroethane[1,1-]	0.006	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Dichloroethene[1,1-]	0.006	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Dichloroethene[cis-1,2-]	0.006	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Dichloroethene[trans-1,2-]	0.006	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Dichloropropane[1,2-]	0.006	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Dichloropropane[1,3-]	0.006	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Dichloropropane[2,2-]	0.006	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Dichloropropene[1,1-]	0.006	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Dichloropropene[cis-1,3-]	0.006	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Dichloropropene[trans-1,3-]	0.006	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Hexanone[2-]	0.022	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Iodomethane	0.006	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Isopropylbenzene	0.006	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Isopropyltoluene[4-]	0.006	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Methyl-2-pentanone[4-]	0.022	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Methylene chloride	0.013	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Propylbenzene[1-]	0.006	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Styrene	0.006	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Tetrachloroethane[1,1,1,2-]	0.006	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Tetrachloroethane[1,1,2,2-]	0.006	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Tetrachloroethene	0.006	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.001	mg/kg	J
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Trichloroethane[1,1,1-]	0.006	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Trichloroethane[1,1,2-]	0.006	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Trichloroethene	0.006	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Trichlorofluoromethane	0.002	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Trichloropropane[1,2,3-]	0.006	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Trimethylbenzene[1,2,4-]	0.006	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Trimethylbenzene[1,3,5-]	0.006	mg/kg	U
Mesa top	21-11154	MD21-00-0112	92.5–92.5	Qbt 2	Vinyl chloride	0.011	mg/kg	U
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Aluminum	2230	mg/kg	None
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Antimony	0.39	mg/kg	UJ
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Arsenic	1.6	mg/kg	J
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Barium	21.9	mg/kg	J
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Beryllium	0.73	mg/kg	J
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Cadmium	0.06	mg/kg	U
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Calcium	555	mg/kg	J
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Chromium, total	1.7	mg/kg	J
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Cobalt	0.48	mg/kg	J
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Copper	1.6	mg/kg	J

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Iron	5000	mg/kg	None
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Magnesium	360	mg/kg	J
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Manganese	246	mg/kg	None
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Mercury	0.02	mg/kg	U
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Nickel	1.6	mg/kg	J
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Potassium	390	mg/kg	J
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Selenium	0.8	mg/kg	U
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Silver	0.2	mg/kg	U
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Sodium	133	mg/kg	J
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Thallium	0.67	mg/kg	U
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Vanadium	3.1	mg/kg	J
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Zinc	41.2	mg/kg	None
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Ethanol	5.4	mg/kg	U
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Acenaphthylene	0.35	mg/kg	UJ
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Aniline	0.35	mg/kg	UJ
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Azobenzene	0.35	mg/kg	UJ
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Benzo(g,h,i)perylene	0.35	mg/kg	UJ
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Benzoic acid	0.88	mg/kg	UJ
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Benzyl alcohol	0.35	mg/kg	UJ
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Bis(2-chloroethoxy)methane	0.35	mg/kg	UJ
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Bis(2-chloroethyl)ether	0.35	mg/kg	UJ
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Bis(2-ethylhexyl)phthalate	0.35	mg/kg	UJ
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Bromophenyl-phenylether[4-]	0.35	mg/kg	UJ
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Butylbenzylphthalate	0.35	mg/kg	UJ
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Chloro-3-methylphenol[4-]	0.35	mg/kg	UJ
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Chloroaniline[4-]	0.35	mg/kg	UJ
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Chloronaphthalene[2-]	0.35	mg/kg	UJ
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Chlorophenol[2-]	0.35	mg/kg	UJ
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.35	mg/kg	UJ
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Di-n-butylphthalate	0.35	mg/kg	UJ
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Di-n-octylphthalate	0.35	mg/kg	UJ
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Dibenzofuran	0.35	mg/kg	UJ
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Dichlorobenzene[1,2-]	0.35	mg/kg	UJ
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Dichlorobenzene[1,3-]	0.35	mg/kg	UJ
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Dichlorobenzene[1,4-]	0.35	mg/kg	UJ
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Dichlorobenzidine[3,3'-]	0.35	mg/kg	UJ
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Dichlorophenol[2,4-]	0.35	mg/kg	UJ
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Diethylphthalate	0.35	mg/kg	UJ
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Dimethyl phthalate	0.35	mg/kg	UJ

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Dimethylphenol[2,4-]	0.35	mg/kg	UJ
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Dinitro-2-methylphenol[4,6-]	0.88	mg/kg	UJ
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Dinitrophenol[2,4-]	0.88	mg/kg	UJ
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Dinitrotoluene[2,4-]	0.35	mg/kg	UJ
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Dinitrotoluene[2,6-]	0.35	mg/kg	UJ
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Hexachlorobenzene	0.35	mg/kg	UJ
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Hexachlorobutadiene	0.35	mg/kg	UJ
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Hexachlorocyclopentadiene	0.35	mg/kg	UJ
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Hexachloroethane	0.35	mg/kg	UJ
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	UJ
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Isophorone	0.35	mg/kg	UJ
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Methylphenol[2-]	0.35	mg/kg	UJ
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Methylphenol[4-]	0.35	mg/kg	UJ
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Nitroaniline[2-]	0.88	mg/kg	UJ
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Nitroaniline[3-]	0.88	mg/kg	UJ
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Nitroaniline[4-]	0.35	mg/kg	UJ
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Nitrobenzene	0.35	mg/kg	UJ
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Nitrophenol[2-]	0.35	mg/kg	UJ
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Nitrophenol[4-]	0.88	mg/kg	UJ
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	UJ
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Nitrosodimethylamine[N-]	0.35	mg/kg	UJ
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Nitrosodiphenylamine[N-]	0.35	mg/kg	UJ
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	UJ
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Pentachlorophenol	0.88	mg/kg	UJ
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Phenol	0.35	mg/kg	UJ
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Pyridine	0.35	mg/kg	UJ
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Trichlorobenzene[1,2,4-]	0.35	mg/kg	UJ
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Trichlorophenol[2,4,5-]	0.88	mg/kg	UJ
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Trichlorophenol[2,4,6-]	0.35	mg/kg	UJ
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Acetone	0.022	mg/kg	R
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Bromobenzene	0.006	mg/kg	U
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Bromochloromethane	0.006	mg/kg	U
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Bromodichloromethane	0.006	mg/kg	U
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Bromoform	0.006	mg/kg	U
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Bromomethane	0.011	mg/kg	U
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Butanone[2-]	0.022	mg/kg	U
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Butylbenzene[n-]	0.006	mg/kg	U
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Butylbenzene[sec-]	0.006	mg/kg	U
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Butylbenzene[tert-]	0.006	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Carbon disulfide	0.006	mg/kg	U
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Carbon tetrachloride	0.006	mg/kg	U
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Chlorobenzene	0.006	mg/kg	U
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Chlorodibromomethane	0.006	mg/kg	U
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Chloroethane	0.011	mg/kg	U
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Chloroform	0.006	mg/kg	U
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Chloromethane	0.011	mg/kg	U
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Chlorotoluene[2-]	0.006	mg/kg	U
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Chlorotoluene[4-]	0.006	mg/kg	U
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Dibromo-3-chloropropane[1,2-]	0.011	mg/kg	U
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Dibromomethane	0.006	mg/kg	U
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Dichlorobenzene[1,2-]	0.006	mg/kg	U
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Dichlorobenzene[1,3-]	0.006	mg/kg	U
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Dichlorobenzene[1,4-]	0.006	mg/kg	U
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Dichlorodifluoromethane	0.011	mg/kg	U
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Dichloroethane[1,1-]	0.006	mg/kg	U
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Dichloroethene[1,1-]	0.006	mg/kg	U
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Dichloroethene[cis-1,2-]	0.006	mg/kg	U
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Dichloroethene[trans-1,2-]	0.006	mg/kg	U
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Dichloropropane[1,2-]	0.006	mg/kg	U
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Dichloropropane[1,3-]	0.006	mg/kg	U
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Dichloropropane[2,2-]	0.006	mg/kg	U
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Dichloropropene[1,1-]	0.006	mg/kg	U
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Dichloropropene[cis-1,3-]	0.006	mg/kg	U
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Dichloropropene[trans-1,3-]	0.006	mg/kg	U
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Hexanone[2-]	0.022	mg/kg	U
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Iodomethane	0.006	mg/kg	U
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Isopropylbenzene	0.006	mg/kg	U
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Isopropyltoluene[4-]	0.006	mg/kg	U
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Methyl-2-pentanone[4-]	0.022	mg/kg	U
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Methylene chloride	0.016	mg/kg	U
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Propylbenzene[1-]	0.006	mg/kg	U
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Styrene	0.006	mg/kg	U
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Tetrachloroethane[1,1,1,2-]	0.006	mg/kg	U
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Tetrachloroethane[1,1,2,2-]	0.006	mg/kg	U
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Tetrachloroethene	0.006	mg/kg	U
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.001	mg/kg	J
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Trichloroethane[1,1,1-]	0.006	mg/kg	U
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Trichloroethane[1,1,2-]	0.006	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Trichloroethene	0.006	mg/kg	U
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Trichlorofluoromethane	0.003	mg/kg	U
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Trichloropropane[1,2,3-]	0.006	mg/kg	U
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Trimethylbenzene[1,2,4-]	0.006	mg/kg	U
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Trimethylbenzene[1,3,5-]	0.006	mg/kg	U
Mesa top	21-11155	MD21-00-0113	54–55	Qbt 3	Vinyl chloride	0.011	mg/kg	U
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Aluminum	314	mg/kg	None
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Antimony	0.41	mg/kg	UJ
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Arsenic	1.1	mg/kg	J
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Barium	11.8	mg/kg	J
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Beryllium	0.32	mg/kg	J
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Cadmium	0.06	mg/kg	U
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Calcium	168	mg/kg	J
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Chromium, total	7.2	mg/kg	None
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Cobalt	0.27	mg/kg	J
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Copper	0.83	mg/kg	J
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Iron	3310	mg/kg	None
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Magnesium	47	mg/kg	J
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Manganese	262	mg/kg	None
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Mercury	0.02	mg/kg	U
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Nickel	3.8	mg/kg	J
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Potassium	131	mg/kg	J
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Selenium	0.85	mg/kg	U
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Silver	0.22	mg/kg	U
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Sodium	122	mg/kg	J
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Thallium	0.71	mg/kg	U
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Vanadium	1.4	mg/kg	J
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Zinc	32.1	mg/kg	None
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Ethanol	5.3	mg/kg	U
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Acenaphthylene	0.35	mg/kg	UJ
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Aniline	0.35	mg/kg	UJ
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Azobenzene	0.35	mg/kg	UJ
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Benzo(g,h,i)perylene	0.35	mg/kg	UJ
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Benzoic acid	0.88	mg/kg	UJ
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Benzyl alcohol	0.35	mg/kg	UJ
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Bis(2-chloroethoxy)methane	0.35	mg/kg	UJ
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Bis(2-chloroethyl)ether	0.35	mg/kg	UJ
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Bis(2-ethylhexyl)phthalate	0.35	mg/kg	UJ
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Bromophenyl-phenylether[4-]	0.35	mg/kg	UJ

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Butylbenzylphthalate	0.35	mg/kg	UJ
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Chloro-3-methylphenol[4-]	0.35	mg/kg	UJ
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Chloroaniline[4-]	0.35	mg/kg	UJ
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Chloronaphthalene[2-]	0.35	mg/kg	UJ
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Chlorophenol[2-]	0.35	mg/kg	UJ
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.35	mg/kg	UJ
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Di-n-butylphthalate	0.35	mg/kg	UJ
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Di-n-octylphthalate	0.35	mg/kg	UJ
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Dibenzofuran	0.35	mg/kg	UJ
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Dichlorobenzene[1,2-]	0.35	mg/kg	UJ
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Dichlorobenzene[1,3-]	0.35	mg/kg	UJ
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Dichlorobenzene[1,4-]	0.35	mg/kg	UJ
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Dichlorobenzidine[3,3'-]	0.35	mg/kg	UJ
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Dichlorophenol[2,4-]	0.35	mg/kg	UJ
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Diethylphthalate	0.35	mg/kg	UJ
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Dimethyl phthalate	0.35	mg/kg	UJ
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Dimethylphenol[2,4-]	0.35	mg/kg	UJ
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Dinitro-2-methylphenol[4,6-]	0.88	mg/kg	UJ
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Dinitrophenol[2,4-]	0.88	mg/kg	UJ
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Dinitrotoluene[2,4-]	0.35	mg/kg	UJ
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Dinitrotoluene[2,6-]	0.35	mg/kg	UJ
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Hexachlorobenzene	0.35	mg/kg	UJ
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Hexachlorobutadiene	0.35	mg/kg	UJ
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Hexachlorocyclopentadiene	0.35	mg/kg	UJ
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Hexachloroethane	0.35	mg/kg	UJ
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	UJ
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Isophorone	0.35	mg/kg	UJ
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Methylphenol[2-]	0.35	mg/kg	UJ
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Methylphenol[4-]	0.35	mg/kg	UJ
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Nitroaniline[2-]	0.88	mg/kg	UJ
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Nitroaniline[3-]	0.88	mg/kg	UJ
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Nitroaniline[4-]	0.35	mg/kg	UJ
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Nitrobenzene	0.35	mg/kg	UJ
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Nitrophenol[2-]	0.35	mg/kg	UJ
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Nitrophenol[4-]	0.88	mg/kg	UJ
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	UJ
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Nitrosodimethylamine[N-]	0.35	mg/kg	UJ
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Nitrosodiphenylamine[N-]	0.35	mg/kg	UJ
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	UJ

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Pentachlorophenol	0.88	mg/kg	UJ
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Phenol	0.35	mg/kg	UJ
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Pyridine	0.35	mg/kg	UJ
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Trichlorobenzene[1,2,4-]	0.35	mg/kg	UJ
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Trichlorophenol[2,4,5-]	0.88	mg/kg	UJ
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Trichlorophenol[2,4,6-]	0.35	mg/kg	UJ
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Acetone	0.024	mg/kg	R
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Bromobenzene	0.006	mg/kg	U
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Bromochloromethane	0.006	mg/kg	U
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Bromodichloromethane	0.006	mg/kg	U
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Bromoform	0.006	mg/kg	U
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Bromomethane	0.012	mg/kg	U
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Butanone[2-]	0.024	mg/kg	U
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Butylbenzene[n-]	0.006	mg/kg	U
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Butylbenzene[sec-]	0.006	mg/kg	U
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Butylbenzene[tert-]	0.006	mg/kg	U
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Carbon disulfide	0.006	mg/kg	U
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Carbon tetrachloride	0.006	mg/kg	U
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Chlorobenzene	0.006	mg/kg	U
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Chlorodibromomethane	0.006	mg/kg	U
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Chloroethane	0.012	mg/kg	U
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Chloroform	0.006	mg/kg	U
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Chloromethane	0.012	mg/kg	U
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Chlorotoluene[2-]	0.006	mg/kg	U
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Chlorotoluene[4-]	0.006	mg/kg	U
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Dibromo-3-chloropropane[1,2-]	0.012	mg/kg	U
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Dibromomethane	0.006	mg/kg	U
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Dichlorobenzene[1,2-]	0.006	mg/kg	U
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Dichlorobenzene[1,3-]	0.006	mg/kg	U
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Dichlorobenzene[1,4-]	0.006	mg/kg	U
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Dichlorodifluoromethane	0.012	mg/kg	U
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Dichloroethane[1,1-]	0.006	mg/kg	U
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Dichloroethene[1,1-]	0.006	mg/kg	U
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Dichloroethene[cis-1,2-]	0.006	mg/kg	U
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Dichloroethene[trans-1,2-]	0.006	mg/kg	U
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Dichloropropane[1,2-]	0.006	mg/kg	U
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Dichloropropane[1,3-]	0.006	mg/kg	U
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Dichloropropane[2,2-]	0.006	mg/kg	U
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Dichloropropene[1,1-]	0.006	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Dichloropropene[cis-1,3-]	0.006	mg/kg	U
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Dichloropropene[trans-1,3-]	0.006	mg/kg	U
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Hexanone[2-]	0.024	mg/kg	U
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Iodomethane	0.006	mg/kg	U
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Isopropylbenzene	0.006	mg/kg	U
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Isopropyltoluene[4-]	0.006	mg/kg	U
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Methyl-2-pentanone[4-]	0.024	mg/kg	U
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Methylene chloride	0.017	mg/kg	U
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Propylbenzene[1-]	0.006	mg/kg	U
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Styrene	0.006	mg/kg	U
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Tetrachloroethane[1,1,1,2-]	0.006	mg/kg	U
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Tetrachloroethane[1,1,2,2-]	0.006	mg/kg	U
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Tetrachloroethene	0.006	mg/kg	U
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.006	mg/kg	U
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Trichloroethane[1,1,1-]	0.006	mg/kg	U
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Trichloroethane[1,1,2-]	0.006	mg/kg	U
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Trichloroethene	0.006	mg/kg	U
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Trichlorofluoromethane	0.003	mg/kg	U
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Trichloropropane[1,2,3-]	0.006	mg/kg	U
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Trimethylbenzene[1,2,4-]	0.006	mg/kg	U
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Trimethylbenzene[1,3,5-]	0.006	mg/kg	U
Mesa top	21-11155	MD21-00-0114	87.5–90	Qbt 3	Vinyl chloride	0.012	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Aluminum	510	mg/kg	None
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Antimony	0.165	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Arsenic	1.5	mg/kg	None
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Barium	8.9	mg/kg	None
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Beryllium	0.45	mg/kg	J
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Cadmium	0.0402	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Calcium	200	mg/kg	None
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Chromium, total	1.5	mg/kg	None
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Cobalt	0.62	mg/kg	J
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Copper	1.8	mg/kg	None
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Iron	2300	mg/kg	None
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Magnesium	110	mg/kg	None
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Manganese	210	mg/kg	None
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Mercury	0.0183	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Nickel	3.2	mg/kg	None
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Potassium	150	mg/kg	None
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Selenium	0.0784	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Silver	0.215	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Sodium	86	mg/kg	None
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Thallium	0.16	mg/kg	J
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Vanadium	1.4	mg/kg	None
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Zinc	29	mg/kg	None
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Ethanol	5.3	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Acenaphthylene	0.4	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Aniline	0.4	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Azobenzene	0.4	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Benzo(g,h,i)perylene	0.4	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Benzoic acid	0.99	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Benzyl alcohol	0.4	mg/kg	UJ
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Bis(2-chloroethoxy)methane	0.4	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Bis(2-chloroethyl)ether	0.4	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Bis(2-ethylhexyl)phthalate	0.4	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Bromophenyl-phenylether[4-]	0.4	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Butylbenzylphthalate	0.4	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Chloro-3-methylphenol[4-]	0.4	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Chloroaniline[4-]	0.4	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Chloronaphthalene[2-]	0.4	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Chlorophenol[2-]	0.4	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.4	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Di-n-butylphthalate	0.4	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Di-n-octylphthalate	0.4	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Dibenzofuran	0.4	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Dichlorobenzene[1,2-]	0.4	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Dichlorobenzene[1,3-]	0.4	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Dichlorobenzene[1,4-]	0.4	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Dichlorobenzidine[3,3'-]	0.4	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Dichlorophenol[2,4-]	0.4	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Diethylphthalate	0.4	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Dimethyl phthalate	0.4	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Dimethylphenol[2,4-]	0.4	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Dinitro-2-methylphenol[4,6-]	0.99	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Dinitrophenol[2,4-]	0.99	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Dinitrotoluene[2,4-]	0.4	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Dinitrotoluene[2,6-]	0.4	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Hexachlorobenzene	0.4	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Hexachlorobutadiene	0.4	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Hexachlorocyclopentadiene	0.4	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Hexachloroethane	0.4	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Indeno(1,2,3-cd)pyrene	0.4	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Isophorone	0.4	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Methylphenol[2-]	0.4	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Methylphenol[4-]	0.4	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Nitroaniline[2-]	0.99	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Nitroaniline[3-]	0.99	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Nitroaniline[4-]	0.4	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Nitrobenzene	0.4	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Nitrophenol[2-]	0.4	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Nitrophenol[4-]	0.99	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Nitroso-di-n-propylamine[N-]	0.4	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Nitrosodimethylamine[N-]	0.4	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Nitrosodiphenylamine[N-]	0.4	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.4	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Pentachlorophenol	0.99	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Phenol	0.4	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Pyridine	0.4	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Trichlorobenzene[1,2,4-]	0.4	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Trichlorophenol[2,4,5-]	0.99	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Trichlorophenol[2,4,6-]	0.4	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Acetone	0.03	mg/kg	R
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Bromobenzene	0.008	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Bromochloromethane	0.008	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Bromodichloromethane	0.008	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Bromoform	0.008	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Bromomethane	0.015	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Butanone[2-]	0.03	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Butylbenzene[n-]	0.008	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Butylbenzene[sec-]	0.008	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Butylbenzene[tert-]	0.008	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Carbon disulfide	0.008	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Carbon tetrachloride	0.008	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Chlorobenzene	0.008	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Chlorodibromomethane	0.008	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Chloroethane	0.015	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Chloroform	0.008	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Chloromethane	0.015	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Chlorotoluene[2-]	0.008	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Chlorotoluene[4-]	0.008	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Dibromo-3-chloropropane[1,2-]	0.015	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Dibromomethane	0.008	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Dichlorobenzene[1,2-]	0.008	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Dichlorobenzene[1,3-]	0.008	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Dichlorobenzene[1,4-]	0.008	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Dichlorodifluoromethane	0.015	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Dichloroethane[1,1-]	0.008	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Dichloroethene[1,1-]	0.008	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Dichloroethene[cis-1,2-]	0.008	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Dichloroethene[trans-1,2-]	0.008	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Dichloropropane[1,2-]	0.008	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Dichloropropane[1,3-]	0.008	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Dichloropropane[2,2-]	0.008	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Dichloropropene[1,1-]	0.008	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Dichloropropene[cis-1,3-]	0.008	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Dichloropropene[trans-1,3-]	0.008	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Hexanone[2-]	0.03	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Iodomethane	0.008	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Isopropylbenzene	0.008	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Isopropyltoluene[4-]	0.008	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Methyl-2-pentanone[4-]	0.03	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Methylene chloride	0.02	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Propylbenzene[1-]	0.008	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Styrene	0.008	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Tetrachloroethane[1,1,1,2-]	0.008	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Tetrachloroethane[1,1,2,2-]	0.008	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Tetrachloroethene	0.008	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.002	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Trichloroethane[1,1,1-]	0.008	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Trichloroethane[1,1,2-]	0.008	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Trichloroethene	0.008	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Trichlorofluoromethane	0.004	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Trichloropropane[1,2,3-]	0.008	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Trimethylbenzene[1,2,4-]	0.008	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Trimethylbenzene[1,3,5-]	0.008	mg/kg	U
Mesa top	21-11156	MD21-00-0115	9–10	Qbt 3	Vinyl chloride	0.015	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Aluminum	1100	mg/kg	None

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Antimony	0.165	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Arsenic	1.2	mg/kg	None
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Barium	9.1	mg/kg	None
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Beryllium	0.46	mg/kg	J
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Cadmium	0.0402	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Calcium	300	mg/kg	None
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Chromium, total	0.68	mg/kg	J
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Cobalt	0.49	mg/kg	J
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Copper	0.76	mg/kg	J
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Iron	1800	mg/kg	None
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Magnesium	140	mg/kg	None
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Manganese	120	mg/kg	None
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Mercury	0.0183	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Nickel	1.88	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Potassium	140	mg/kg	None
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Selenium	0.0784	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Silver	0.24	mg/kg	J
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Sodium	52	mg/kg	None
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Thallium	0.0433	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Vanadium	1.5	mg/kg	None
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Zinc	17	mg/kg	None
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Ethanol	5.2	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Acenaphthylene	0.34	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Aniline	0.34	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Azobenzene	0.34	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Benzo(g,h,i)perylene	0.34	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Benzoic acid	0.86	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Benzyl alcohol	0.34	mg/kg	UJ
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Bis(2-chloroethoxy)methane	0.34	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Bis(2-chloroethyl)ether	0.34	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Bis(2-ethylhexyl)phthalate	0.34	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Bromophenyl-phenylether[4-]	0.34	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Butylbenzylphthalate	0.34	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Chloro-3-methylphenol[4-]	0.34	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Chloroaniline[4-]	0.34	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Chloronaphthalene[2-]	0.34	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Chlorophenol[2-]	0.34	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.34	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Di-n-butylphthalate	0.34	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Di-n-octylphthalate	0.34	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Dibenzofuran	0.34	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Dichlorobenzene[1,2-]	0.34	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Dichlorobenzene[1,3-]	0.34	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Dichlorobenzene[1,4-]	0.34	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Dichlorobenzidine[3,3'-]	0.34	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Dichlorophenol[2,4-]	0.34	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Diethylphthalate	0.34	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Dimethyl phthalate	0.34	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Dimethylphenol[2,4-]	0.34	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Dinitro-2-methylphenol[4,6-]	0.86	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Dinitrophenol[2,4-]	0.86	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Dinitrotoluene[2,4-]	0.34	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Dinitrotoluene[2,6-]	0.34	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Hexachlorobenzene	0.34	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Hexachlorobutadiene	0.34	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Hexachlorocyclopentadiene	0.34	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Hexachloroethane	0.34	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Indeno(1,2,3-cd)pyrene	0.34	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Isophorone	0.34	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Methylphenol[2-]	0.34	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Methylphenol[4-]	0.34	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Nitroaniline[2-]	0.86	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Nitroaniline[3-]	0.86	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Nitroaniline[4-]	0.34	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Nitrobenzene	0.34	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Nitrophenol[2-]	0.34	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Nitrophenol[4-]	0.86	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Nitroso-di-n-propylamine[N-]	0.34	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Nitrosodimethylamine[N-]	0.34	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Nitrosodiphenylamine[N-]	0.34	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.34	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Pentachlorophenol	0.86	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Phenol	0.34	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Pyridine	0.34	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Trichlorobenzene[1,2,4-]	0.34	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Trichlorophenol[2,4,5-]	0.86	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Trichlorophenol[2,4,6-]	0.34	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Acetone	0.024	mg/kg	R

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Bromobenzene	0.006	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Bromochloromethane	0.006	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Bromodichloromethane	0.006	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Bromoform	0.006	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Bromomethane	0.012	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Butanone[2-]	0.024	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Butylbenzene[n-]	0.006	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Butylbenzene[sec-]	0.006	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Butylbenzene[tert-]	0.006	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Carbon disulfide	0.006	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Carbon tetrachloride	0.006	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Chlorobenzene	0.006	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Chlorodibromomethane	0.006	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Chloroethane	0.012	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Chloroform	0.006	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Chloromethane	0.012	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Chlorotoluene[2-]	0.006	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Chlorotoluene[4-]	0.006	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Dibromo-3-chloropropane[1,2-]	0.012	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Dibromomethane	0.006	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Dichlorobenzene[1,2-]	0.006	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Dichlorobenzene[1,3-]	0.006	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Dichlorobenzene[1,4-]	0.006	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Dichlorodifluoromethane	0.012	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Dichloroethane[1,1-]	0.006	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Dichloroethene[1,1-]	0.006	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Dichloroethene[cis-1,2-]	0.006	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Dichloroethene[trans-1,2-]	0.006	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Dichloropropane[1,2-]	0.006	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Dichloropropane[1,3-]	0.006	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Dichloropropane[2,2-]	0.006	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Dichloropropene[1,1-]	0.006	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Dichloropropene[cis-1,3-]	0.006	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Dichloropropene[trans-1,3-]	0.006	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Hexanone[2-]	0.024	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Iodomethane	0.006	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Isopropylbenzene	0.006	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Isopropyltoluene[4-]	0.006	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Methyl-2-pentanone[4-]	0.024	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Methylene chloride	0.017	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Propylbenzene[1-]	0.006	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Styrene	0.006	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Tetrachloroethane[1,1,1,2-]	0.006	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Tetrachloroethane[1,1,2,2-]	0.006	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Tetrachloroethene	0.006	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.002	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Trichloroethane[1,1,1-]	0.006	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Trichloroethane[1,1,2-]	0.006	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Trichloroethene	0.006	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Trichlorofluoromethane	0.003	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Trichloropropane[1,2,3-]	0.006	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Trimethylbenzene[1,2,4-]	0.006	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Trimethylbenzene[1,3,5-]	0.006	mg/kg	U
Mesa top	21-11156	MD21-00-0116	60–61	Qbt 3	Vinyl chloride	0.012	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Aluminum	240	mg/kg	None
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Antimony	0.165	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Arsenic	1.2	mg/kg	None
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Barium	12	mg/kg	None
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Beryllium	0.36	mg/kg	J
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Cadmium	0.041	mg/kg	J
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Calcium	270	mg/kg	None
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Chromium, total	0.7	mg/kg	J
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Cobalt	0.56	mg/kg	J
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Copper	0.5	mg/kg	J
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Iron	3500	mg/kg	None
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Magnesium	71	mg/kg	None
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Manganese	210	mg/kg	None
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Mercury	0.0183	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Nickel	1.88	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Potassium	110	mg/kg	None
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Selenium	0.0784	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Silver	0.3	mg/kg	J
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Sodium	75	mg/kg	None
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Thallium	0.16	mg/kg	J
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Vanadium	1.7	mg/kg	None
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Zinc	26	mg/kg	None
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Ethanol	5.2	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Acenaphthylene	0.34	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Aniline	0.34	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Azobenzene	0.34	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Benzo(g,h,i)perylene	0.34	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Benzoic acid	0.86	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Benzyl alcohol	0.34	mg/kg	UJ
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Bis(2-chloroethoxy)methane	0.34	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Bis(2-chloroethyl)ether	0.34	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Bis(2-ethylhexyl)phthalate	0.34	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Bromophenyl-phenylether[4-]	0.34	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Butylbenzylphthalate	0.34	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Chloro-3-methylphenol[4-]	0.34	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Chloroaniline[4-]	0.34	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Chloronaphthalene[2-]	0.34	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Chlorophenol[2-]	0.34	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.34	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Di-n-butylphthalate	0.34	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Di-n-octylphthalate	0.34	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Dibenzofuran	0.34	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Dichlorobenzene[1,2-]	0.34	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Dichlorobenzene[1,3-]	0.34	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Dichlorobenzene[1,4-]	0.34	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Dichlorobenzidine[3,3'-]	0.34	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Dichlorophenol[2,4-]	0.34	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Diethylphthalate	0.34	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Dimethyl phthalate	0.34	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Dimethylphenol[2,4-]	0.34	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Dinitro-2-methylphenol[4,6-]	0.86	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Dinitrophenol[2,4-]	0.86	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Dinitrotoluene[2,4-]	0.34	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Dinitrotoluene[2,6-]	0.34	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Hexachlorobenzene	0.34	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Hexachlorobutadiene	0.34	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Hexachlorocyclopentadiene	0.34	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Hexachloroethane	0.34	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Indeno(1,2,3-cd)pyrene	0.34	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Isophorone	0.34	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Methylphenol[2-]	0.34	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Methylphenol[4-]	0.34	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Nitroaniline[2-]	0.86	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Nitroaniline[3-]	0.86	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Nitroaniline[4-]	0.34	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Nitrobenzene	0.34	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Nitrophenol[2-]	0.34	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Nitrophenol[4-]	0.86	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Nitroso-di-n-propylamine[N-]	0.34	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Nitrosodimethylamine[N-]	0.34	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Nitrosodiphenylamine[N-]	0.34	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.34	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Pentachlorophenol	0.86	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Phenol	0.34	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Pyridine	0.34	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Trichlorobenzene[1,2,4-]	0.34	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Trichlorophenol[2,4,5-]	0.86	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Trichlorophenol[2,4,6-]	0.34	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Acetone	0.024	mg/kg	R
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Bromobenzene	0.006	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Bromochloromethane	0.006	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Bromodichloromethane	0.006	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Bromoform	0.006	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Bromomethane	0.012	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Butanone[2-]	0.024	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Butylbenzene[n-]	0.006	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Butylbenzene[sec-]	0.006	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Butylbenzene[tert-]	0.006	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Carbon disulfide	0.006	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Carbon tetrachloride	0.006	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Chlorobenzene	0.006	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Chlorodibromomethane	0.006	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Chloroethane	0.012	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Chloroform	0.006	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Chloromethane	0.012	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Chlorotoluene[2-]	0.006	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Chlorotoluene[4-]	0.006	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Dibromo-3-chloropropane[1,2-]	0.012	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Dibromomethane	0.006	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Dichlorobenzene[1,2-]	0.006	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Dichlorobenzene[1,3-]	0.006	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Dichlorobenzene[1,4-]	0.006	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Dichlorodifluoromethane	0.012	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Dichloroethane[1,1-]	0.006	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Dichloroethene[1,1-]	0.006	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Dichloroethene[cis-1,2-]	0.006	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Dichloroethene[trans-1,2-]	0.006	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Dichloropropane[1,2-]	0.006	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Dichloropropane[1,3-]	0.006	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Dichloropropane[2,2-]	0.006	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Dichloropropene[1,1-]	0.006	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Dichloropropene[cis-1,3-]	0.006	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Dichloropropene[trans-1,3-]	0.006	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Hexanone[2-]	0.024	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Iodomethane	0.006	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Isopropylbenzene	0.006	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Isopropyltoluene[4-]	0.006	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Methyl-2-pentanone[4-]	0.024	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Methylene chloride	0.013	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Propylbenzene[1-]	0.006	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Styrene	0.006	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Tetrachloroethane[1,1,1,2-]	0.006	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Tetrachloroethane[1,1,2,2-]	0.006	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Tetrachloroethene	0.006	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.002	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Trichloroethane[1,1,1-]	0.006	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Trichloroethane[1,1,2-]	0.006	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Trichloroethene	0.006	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Trichlorofluoromethane	0.003	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Trichloropropane[1,2,3-]	0.006	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Trimethylbenzene[1,2,4-]	0.006	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Trimethylbenzene[1,3,5-]	0.006	mg/kg	U
Mesa top	21-11156	MD21-00-0117	99–100	Qbt 3	Vinyl chloride	0.012	mg/kg	U
Mesa top	21-11240	MD21-01-0078	93–94	Qbt 3	Aluminum	269	mg/kg	J+
Mesa top	21-11240	MD21-01-0078	93–94	Qbt 3	Antimony	0.26	mg/kg	U
Mesa top	21-11240	MD21-01-0078	93–94	Qbt 3	Arsenic	1.1	mg/kg	None
Mesa top	21-11240	MD21-01-0078	93–94	Qbt 3	Barium	16.9	mg/kg	J
Mesa top	21-11240	MD21-01-0078	93–94	Qbt 3	Beryllium	0.49	mg/kg	J
Mesa top	21-11240	MD21-01-0078	93–94	Qbt 3	Cadmium	0.027	mg/kg	U
Mesa top	21-11240	MD21-01-0078	93–94	Qbt 3	Calcium	124	mg/kg	U
Mesa top	21-11240	MD21-01-0078	93–94	Qbt 3	Chromium, total	1.1	mg/kg	None

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Mesa top	21-11240	MD21-01-0078	93–94	Qbt 3	Cobalt	0.54	mg/kg	J
Mesa top	21-11240	MD21-01-0078	93–94	Qbt 3	Copper	0.84	mg/kg	J
Mesa top	21-11240	MD21-01-0078	93–94	Qbt 3	Iron	4440	mg/kg	None
Mesa top	21-11240	MD21-01-0078	93–94	Qbt 3	Magnesium	59.4	mg/kg	U
Mesa top	21-11240	MD21-01-0078	93–94	Qbt 3	Manganese	274	mg/kg	None
Mesa top	21-11240	MD21-01-0078	93–94	Qbt 3	Mercury	0.017	mg/kg	U
Mesa top	21-11240	MD21-01-0078	93–94	Qbt 3	Nickel	0.33	mg/kg	U
Mesa top	21-11240	MD21-01-0078	93–94	Qbt 3	Potassium	263	mg/kg	J
Mesa top	21-11240	MD21-01-0078	93–94	Qbt 3	Selenium	0.12	mg/kg	U
Mesa top	21-11240	MD21-01-0078	93–94	Qbt 3	Silver	0.44	mg/kg	U
Mesa top	21-11240	MD21-01-0078	93–94	Qbt 3	Sodium	78.8	mg/kg	U
Mesa top	21-11240	MD21-01-0078	93–94	Qbt 3	Thallium	0.14	mg/kg	U
Mesa top	21-11240	MD21-01-0078	93–94	Qbt 3	Vanadium	1.9	mg/kg	J
Mesa top	21-11240	MD21-01-0078	93–94	Qbt 3	Zinc	31.6	mg/kg	J
Mesa top	21-11240	MD21-01-0078	93–94	Qbt 3	Acenaphthylene	0.34	mg/kg	U
Mesa top	21-11240	MD21-01-0078	93–94	Qbt 3	Aniline	0.34	mg/kg	U
Mesa top	21-11240	MD21-01-0078	93–94	Qbt 3	Azobenzene	0.34	mg/kg	U
Mesa top	21-11240	MD21-01-0078	93–94	Qbt 3	Benzo(g,h,i)perylene	0.34	mg/kg	U
Mesa top	21-11240	MD21-01-0078	93–94	Qbt 3	Benzoic acid	1.6	mg/kg	U
Mesa top	21-11240	MD21-01-0078	93–94	Qbt 3	Benzyl alcohol	0.34	mg/kg	UJ
Mesa top	21-11240	MD21-01-0078	93–94	Qbt 3	Bis(2-chloroethoxy)methane	0.34	mg/kg	U
Mesa top	21-11240	MD21-01-0078	93–94	Qbt 3	Bis(2-chloroethyl)ether	0.34	mg/kg	U
Mesa top	21-11240	MD21-01-0078	93–94	Qbt 3	Bis(2-ethylhexyl)phthalate	0.34	mg/kg	U
Mesa top	21-11240	MD21-01-0078	93–94	Qbt 3	Bromophenyl-phenylether[4-]	0.34	mg/kg	U
Mesa top	21-11240	MD21-01-0078	93–94	Qbt 3	Butylbenzylphthalate	0.34	mg/kg	U
Mesa top	21-11240	MD21-01-0078	93–94	Qbt 3	Chloro-3-methylphenol[4-]	0.34	mg/kg	U
Mesa top	21-11240	MD21-01-0078	93–94	Qbt 3	Chloroaniline[4-]	0.34	mg/kg	U
Mesa top	21-11240	MD21-01-0078	93–94	Qbt 3	Chloronaphthalene[2-]	0.34	mg/kg	U
Mesa top	21-11240	MD21-01-0078	93–94	Qbt 3	Chlorophenol[2-]	0.34	mg/kg	U
Mesa top	21-11240	MD21-01-0078	93–94	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.34	mg/kg	U
Mesa top	21-11240	MD21-01-0078	93–94	Qbt 3	Di-n-butylphthalate	0.34	mg/kg	U
Mesa top	21-11240	MD21-01-0078	93–94	Qbt 3	Di-n-octylphthalate	0.34	mg/kg	U
Mesa top	21-11240	MD21-01-0078	93–94	Qbt 3	Dibenzofuran	0.34	mg/kg	U
Mesa top	21-11240	MD21-01-0078	93–94	Qbt 3	Dichlorobenzene[1,2-]	0.34	mg/kg	U
Mesa top	21-11240	MD21-01-0078	93–94	Qbt 3	Dichlorobenzene[1,3-]	0.34	mg/kg	U
Mesa top	21-11240	MD21-01-0078	93–94	Qbt 3	Dichlorobenzene[1,4-]	0.34	mg/kg	U
Mesa top	21-11240	MD21-01-0078	93–94	Qbt 3	Dichlorobenzidine[3,3'-]	1.6	mg/kg	U
Mesa top	21-11240	MD21-01-0078	93–94	Qbt 3	Dichlorophenol[2,4-]	0.34	mg/kg	U
Mesa top	21-11240	MD21-01-0078	93–94	Qbt 3	Diethylphthalate	0.34	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Mesa top	21-11240	MD21-01-0078	93–94	Qbt 3	Dimethyl phthalate	0.34	mg/kg	U
Mesa top	21-11240	MD21-01-0078	93–94	Qbt 3	Dimethylphenol[2,4-]	0.34	mg/kg	U
Mesa top	21-11240	MD21-01-0078	93–94	Qbt 3	Dinitro-2-methylphenol[4,6-]	1.6	mg/kg	U
Mesa top	21-11240	MD21-01-0078	93–94	Qbt 3	Dinitrophenol[2,4-]	1.6	mg/kg	UJ
Mesa top	21-11240	MD21-01-0078	93–94	Qbt 3	Dinitrotoluene[2,4-]	0.34	mg/kg	U
Mesa top	21-11240	MD21-01-0078	93–94	Qbt 3	Dinitrotoluene[2,6-]	0.34	mg/kg	U
Mesa top	21-11240	MD21-01-0078	93–94	Qbt 3	Hexachlorobenzene	0.34	mg/kg	U
Mesa top	21-11240	MD21-01-0078	93–94	Qbt 3	Hexachlorobutadiene	0.34	mg/kg	U
Mesa top	21-11240	MD21-01-0078	93–94	Qbt 3	Hexachlorocyclopentadiene	1.6	mg/kg	U
Mesa top	21-11240	MD21-01-0078	93–94	Qbt 3	Hexachloroethane	0.34	mg/kg	U
Mesa top	21-11240	MD21-01-0078	93–94	Qbt 3	Indeno(1,2,3-cd)pyrene	0.34	mg/kg	U
Mesa top	21-11240	MD21-01-0078	93–94	Qbt 3	Isophorone	0.34	mg/kg	U
Mesa top	21-11240	MD21-01-0078	93–94	Qbt 3	Methylphenol[2-]	0.34	mg/kg	U
Mesa top	21-11240	MD21-01-0078	93–94	Qbt 3	Methylphenol[4-]	0.34	mg/kg	U
Mesa top	21-11240	MD21-01-0078	93–94	Qbt 3	Nitroaniline[2-]	1.6	mg/kg	U
Mesa top	21-11240	MD21-01-0078	93–94	Qbt 3	Nitroaniline[3-]	1.6	mg/kg	U
Mesa top	21-11240	MD21-01-0078	93–94	Qbt 3	Nitroaniline[4-]	1.6	mg/kg	U
Mesa top	21-11240	MD21-01-0078	93–94	Qbt 3	Nitrobenzene	0.34	mg/kg	U
Mesa top	21-11240	MD21-01-0078	93–94	Qbt 3	Nitrophenol[2-]	0.34	mg/kg	U
Mesa top	21-11240	MD21-01-0078	93–94	Qbt 3	Nitrophenol[4-]	1.6	mg/kg	U
Mesa top	21-11240	MD21-01-0078	93–94	Qbt 3	Nitroso-di-n-propylamine[N-]	0.34	mg/kg	U
Mesa top	21-11240	MD21-01-0078	93–94	Qbt 3	Nitrosodimethylamine[N-]	0.34	mg/kg	U
Mesa top	21-11240	MD21-01-0078	93–94	Qbt 3	Nitrosodiphenylamine[N-]	0.34	mg/kg	U
Mesa top	21-11240	MD21-01-0078	93–94	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.34	mg/kg	U
Mesa top	21-11240	MD21-01-0078	93–94	Qbt 3	Pentachlorophenol	1.6	mg/kg	U
Mesa top	21-11240	MD21-01-0078	93–94	Qbt 3	Phenol	0.34	mg/kg	U
Mesa top	21-11240	MD21-01-0078	93–94	Qbt 3	Trichlorobenzene[1,2,4-]	0.34	mg/kg	U
Mesa top	21-11240	MD21-01-0078	93–94	Qbt 3	Trichlorophenol[2,4,5-]	0.34	mg/kg	U
Mesa top	21-11240	MD21-01-0078	93–94	Qbt 3	Trichlorophenol[2,4,6-]	0.34	mg/kg	U
Mesa top	21-11240	MD21-01-0078	93–94	Qbt 3	Trimethylbenzene[1,2,4-]	0.0066	mg/kg	U
Mesa top	21-11240	MD21-01-0078	93–94	Qbt 3	Trimethylbenzene[1,3,5-]	0.0066	mg/kg	U
Mesa top	21-11240	MD21-01-0078	93–94	Qbt 3	Americium-241	-0.004	pCi/g	U
Mesa top	21-11240	MD21-01-0078	93–94	Qbt 3	Cesium-134	0.019	pCi/g	U
Mesa top	21-11240	MD21-01-0078	93–94	Qbt 3	Cesium-137	0.28	pCi/g	None
Mesa top	21-11240	MD21-01-0078	93–94	Qbt 3	Cobalt-60	-0.023	pCi/g	U
Mesa top	21-11240	MD21-01-0078	93–94	Qbt 3	Tritium	0.08	pCi/g	U
Mesa top	21-11240	MD21-01-0078	93–94	Qbt 3	Uranium-235	0.044	pCi/g	U
Mesa top	21-11240	MD21-01-0079	93–94	Qbt 3	Aluminum	234	mg/kg	J+
Mesa top	21-11240	MD21-01-0079	93–94	Qbt 3	Antimony	0.26	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Mesa top	21-11240	MD21-01-0079	93–94	Qbt 3	Arsenic	0.98	mg/kg	J
Mesa top	21-11240	MD21-01-0079	93–94	Qbt 3	Barium	17	mg/kg	J
Mesa top	21-11240	MD21-01-0079	93–94	Qbt 3	Beryllium	0.39	mg/kg	J
Mesa top	21-11240	MD21-01-0079	93–94	Qbt 3	Cadmium	0.027	mg/kg	U
Mesa top	21-11240	MD21-01-0079	93–94	Qbt 3	Calcium	112	mg/kg	U
Mesa top	21-11240	MD21-01-0079	93–94	Qbt 3	Chromium, total	0.58	mg/kg	J
Mesa top	21-11240	MD21-01-0079	93–94	Qbt 3	Cobalt	0.54	mg/kg	J
Mesa top	21-11240	MD21-01-0079	93–94	Qbt 3	Copper	0.84	mg/kg	J
Mesa top	21-11240	MD21-01-0079	93–94	Qbt 3	Iron	4330	mg/kg	None
Mesa top	21-11240	MD21-01-0079	93–94	Qbt 3	Magnesium	59.1	mg/kg	U
Mesa top	21-11240	MD21-01-0079	93–94	Qbt 3	Manganese	253	mg/kg	None
Mesa top	21-11240	MD21-01-0079	93–94	Qbt 3	Mercury	0.017	mg/kg	U
Mesa top	21-11240	MD21-01-0079	93–94	Qbt 3	Nickel	0.43	mg/kg	U
Mesa top	21-11240	MD21-01-0079	93–94	Qbt 3	Potassium	136	mg/kg	J
Mesa top	21-11240	MD21-01-0079	93–94	Qbt 3	Selenium	0.13	mg/kg	U
Mesa top	21-11240	MD21-01-0079	93–94	Qbt 3	Silver	0.44	mg/kg	U
Mesa top	21-11240	MD21-01-0079	93–94	Qbt 3	Sodium	63.8	mg/kg	U
Mesa top	21-11240	MD21-01-0079	93–94	Qbt 3	Thallium	0.14	mg/kg	U
Mesa top	21-11240	MD21-01-0079	93–94	Qbt 3	Vanadium	1.7	mg/kg	J
Mesa top	21-11240	MD21-01-0079	93–94	Qbt 3	Zinc	32.1	mg/kg	None
Mesa top	21-11240	MD21-01-0079	93–94	Qbt 3	Acenaphthylene	0.34	mg/kg	U
Mesa top	21-11240	MD21-01-0079	93–94	Qbt 3	Aniline	0.34	mg/kg	U
Mesa top	21-11240	MD21-01-0079	93–94	Qbt 3	Azobenzene	0.34	mg/kg	U
Mesa top	21-11240	MD21-01-0079	93–94	Qbt 3	Benzo(g,h,i)perylene	0.34	mg/kg	U
Mesa top	21-11240	MD21-01-0079	93–94	Qbt 3	Benzoic acid	1.7	mg/kg	U
Mesa top	21-11240	MD21-01-0079	93–94	Qbt 3	Benzyl alcohol	0.34	mg/kg	UJ
Mesa top	21-11240	MD21-01-0079	93–94	Qbt 3	Bis(2-chloroethoxy)methane	0.34	mg/kg	U
Mesa top	21-11240	MD21-01-0079	93–94	Qbt 3	Bis(2-chloroethyl)ether	0.34	mg/kg	U
Mesa top	21-11240	MD21-01-0079	93–94	Qbt 3	Bis(2-ethylhexyl)phthalate	0.34	mg/kg	U
Mesa top	21-11240	MD21-01-0079	93–94	Qbt 3	Bromophenyl-phenylether[4-]	0.34	mg/kg	U
Mesa top	21-11240	MD21-01-0079	93–94	Qbt 3	Butylbenzylphthalate	0.34	mg/kg	U
Mesa top	21-11240	MD21-01-0079	93–94	Qbt 3	Chloro-3-methylphenol[4-]	0.34	mg/kg	U
Mesa top	21-11240	MD21-01-0079	93–94	Qbt 3	Chloroaniline[4-]	0.34	mg/kg	U
Mesa top	21-11240	MD21-01-0079	93–94	Qbt 3	Chloronaphthalene[2-]	0.34	mg/kg	U
Mesa top	21-11240	MD21-01-0079	93–94	Qbt 3	Chlorophenol[2-]	0.34	mg/kg	U
Mesa top	21-11240	MD21-01-0079	93–94	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.34	mg/kg	U
Mesa top	21-11240	MD21-01-0079	93–94	Qbt 3	Di-n-butylphthalate	0.34	mg/kg	U
Mesa top	21-11240	MD21-01-0079	93–94	Qbt 3	Di-n-octylphthalate	0.34	mg/kg	U
Mesa top	21-11240	MD21-01-0079	93–94	Qbt 3	Dibenzofuran	0.34	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Mesa top	21-11240	MD21-01-0079	93–94	Qbt 3	Dichlorobenzene[1,2-]	0.34	mg/kg	U
Mesa top	21-11240	MD21-01-0079	93–94	Qbt 3	Dichlorobenzene[1,3-]	0.34	mg/kg	U
Mesa top	21-11240	MD21-01-0079	93–94	Qbt 3	Dichlorobenzene[1,4-]	0.34	mg/kg	U
Mesa top	21-11240	MD21-01-0079	93–94	Qbt 3	Dichlorobenzidine[3,3'-]	1.7	mg/kg	U
Mesa top	21-11240	MD21-01-0079	93–94	Qbt 3	Dichlorophenol[2,4-]	0.34	mg/kg	U
Mesa top	21-11240	MD21-01-0079	93–94	Qbt 3	Diethylphthalate	0.34	mg/kg	U
Mesa top	21-11240	MD21-01-0079	93–94	Qbt 3	Dimethyl phthalate	0.34	mg/kg	U
Mesa top	21-11240	MD21-01-0079	93–94	Qbt 3	Dimethylphenol[2,4-]	0.34	mg/kg	U
Mesa top	21-11240	MD21-01-0079	93–94	Qbt 3	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
Mesa top	21-11240	MD21-01-0079	93–94	Qbt 3	Dinitrophenol[2,4-]	1.7	mg/kg	UJ
Mesa top	21-11240	MD21-01-0079	93–94	Qbt 3	Dinitrotoluene[2,4-]	0.34	mg/kg	U
Mesa top	21-11240	MD21-01-0079	93–94	Qbt 3	Dinitrotoluene[2,6-]	0.34	mg/kg	U
Mesa top	21-11240	MD21-01-0079	93–94	Qbt 3	Hexachlorobenzene	0.34	mg/kg	U
Mesa top	21-11240	MD21-01-0079	93–94	Qbt 3	Hexachlorobutadiene	0.34	mg/kg	U
Mesa top	21-11240	MD21-01-0079	93–94	Qbt 3	Hexachlorocyclopentadiene	1.7	mg/kg	U
Mesa top	21-11240	MD21-01-0079	93–94	Qbt 3	Hexachloroethane	0.34	mg/kg	U
Mesa top	21-11240	MD21-01-0079	93–94	Qbt 3	Indeno(1,2,3-cd)pyrene	0.34	mg/kg	U
Mesa top	21-11240	MD21-01-0079	93–94	Qbt 3	Isophorone	0.34	mg/kg	U
Mesa top	21-11240	MD21-01-0079	93–94	Qbt 3	Methylphenol[2-]	0.34	mg/kg	U
Mesa top	21-11240	MD21-01-0079	93–94	Qbt 3	Methylphenol[4-]	0.34	mg/kg	U
Mesa top	21-11240	MD21-01-0079	93–94	Qbt 3	Nitroaniline[2-]	1.7	mg/kg	U
Mesa top	21-11240	MD21-01-0079	93–94	Qbt 3	Nitroaniline[3-]	1.7	mg/kg	U
Mesa top	21-11240	MD21-01-0079	93–94	Qbt 3	Nitroaniline[4-]	1.7	mg/kg	U
Mesa top	21-11240	MD21-01-0079	93–94	Qbt 3	Nitrobenzene	0.34	mg/kg	U
Mesa top	21-11240	MD21-01-0079	93–94	Qbt 3	Nitrophenol[2-]	0.34	mg/kg	U
Mesa top	21-11240	MD21-01-0079	93–94	Qbt 3	Nitrophenol[4-]	1.7	mg/kg	U
Mesa top	21-11240	MD21-01-0079	93–94	Qbt 3	Nitroso-di-n-propylamine[N-]	0.34	mg/kg	U
Mesa top	21-11240	MD21-01-0079	93–94	Qbt 3	Nitrosodimethylamine[N-]	0.34	mg/kg	U
Mesa top	21-11240	MD21-01-0079	93–94	Qbt 3	Nitrosodiphenylamine[N-]	0.34	mg/kg	U
Mesa top	21-11240	MD21-01-0079	93–94	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.34	mg/kg	U
Mesa top	21-11240	MD21-01-0079	93–94	Qbt 3	Pentachlorophenol	1.7	mg/kg	U
Mesa top	21-11240	MD21-01-0079	93–94	Qbt 3	Phenol	0.34	mg/kg	U
Mesa top	21-11240	MD21-01-0079	93–94	Qbt 3	Trichlorobenzene[1,2,4-]	0.34	mg/kg	U
Mesa top	21-11240	MD21-01-0079	93–94	Qbt 3	Trichlorophenol[2,4,5-]	0.34	mg/kg	U
Mesa top	21-11240	MD21-01-0079	93–94	Qbt 3	Trichlorophenol[2,4,6-]	0.34	mg/kg	U
Mesa top	21-11240	MD21-01-0079	93–94	Qbt 3	Trimethylbenzene[1,2,4-]	0.0063	mg/kg	U
Mesa top	21-11240	MD21-01-0079	93–94	Qbt 3	Trimethylbenzene[1,3,5-]	0.0063	mg/kg	U
Mesa top	21-11240	MD21-01-0079	93–94	Qbt 3	Americium-241	0.018	pCi/g	U
Mesa top	21-11240	MD21-01-0079	93–94	Qbt 3	Cesium-134	0.046	pCi/g	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Mesa top	21-11240	MD21-01-0079	93–94	Qbt 3	Cesium-137	0.32	pCi/g	None
Mesa top	21-11240	MD21-01-0079	93–94	Qbt 3	Cobalt-60	0.05	pCi/g	U
Mesa top	21-11240	MD21-01-0079	93–94	Qbt 3	Tritium	0.03	pCi/g	U
Mesa top	21-11240	MD21-01-0079	93–94	Qbt 3	Uranium-235	0.081	pCi/g	U
Mesa top	21-11232	MD21-01-0108	6.3–6.6	Qbt 3	Aluminum	1470	mg/kg	None
Mesa top	21-11232	MD21-01-0108	6.3–6.6	Qbt 3	Antimony	0.29	mg/kg	U
Mesa top	21-11232	MD21-01-0108	6.3–6.6	Qbt 3	Arsenic	1.4	mg/kg	None
Mesa top	21-11232	MD21-01-0108	6.3–6.6	Qbt 3	Barium	18	mg/kg	J
Mesa top	21-11232	MD21-01-0108	6.3–6.6	Qbt 3	Beryllium	0.46	mg/kg	J
Mesa top	21-11232	MD21-01-0108	6.3–6.6	Qbt 3	Cadmium	0.03	mg/kg	U
Mesa top	21-11232	MD21-01-0108	6.3–6.6	Qbt 3	Calcium	249	mg/kg	J
Mesa top	21-11232	MD21-01-0108	6.3–6.6	Qbt 3	Chromium, total	3.6	mg/kg	None
Mesa top	21-11232	MD21-01-0108	6.3–6.6	Qbt 3	Cobalt	0.61	mg/kg	J
Mesa top	21-11232	MD21-01-0108	6.3–6.6	Qbt 3	Copper	1.4	mg/kg	J
Mesa top	21-11232	MD21-01-0108	6.3–6.6	Qbt 3	Iron	5040	mg/kg	None
Mesa top	21-11232	MD21-01-0108	6.3–6.6	Qbt 3	Magnesium	207	mg/kg	J
Mesa top	21-11232	MD21-01-0108	6.3–6.6	Qbt 3	Manganese	299	mg/kg	None
Mesa top	21-11232	MD21-01-0108	6.3–6.6	Qbt 3	Mercury	0.019	mg/kg	U
Mesa top	21-11232	MD21-01-0108	6.3–6.6	Qbt 3	Nickel	2.1	mg/kg	J
Mesa top	21-11232	MD21-01-0108	6.3–6.6	Qbt 3	Potassium	231	mg/kg	J
Mesa top	21-11232	MD21-01-0108	6.3–6.6	Qbt 3	Selenium	0.14	mg/kg	UJ
Mesa top	21-11232	MD21-01-0108	6.3–6.6	Qbt 3	Silver	0.49	mg/kg	U
Mesa top	21-11232	MD21-01-0108	6.3–6.6	Qbt 3	Sodium	43.8	mg/kg	U
Mesa top	21-11232	MD21-01-0108	6.3–6.6	Qbt 3	Thallium	0.15	mg/kg	U
Mesa top	21-11232	MD21-01-0108	6.3–6.6	Qbt 3	Vanadium	3.3	mg/kg	J
Mesa top	21-11232	MD21-01-0108	6.3–6.6	Qbt 3	Zinc	27.7	mg/kg	None
Mesa top	21-11232	MD21-01-0108	6.3–6.6	Qbt 3	Acenaphthylene	0.38	mg/kg	UJ
Mesa top	21-11232	MD21-01-0108	6.3–6.6	Qbt 3	Aniline	0.38	mg/kg	UJ
Mesa top	21-11232	MD21-01-0108	6.3–6.6	Qbt 3	Azobenzene	0.38	mg/kg	UJ
Mesa top	21-11232	MD21-01-0108	6.3–6.6	Qbt 3	Benzo(g,h,i)perylene	0.38	mg/kg	UJ
Mesa top	21-11232	MD21-01-0108	6.3–6.6	Qbt 3	Benzoic acid	1.8	mg/kg	UJ
Mesa top	21-11232	MD21-01-0108	6.3–6.6	Qbt 3	Benzyl alcohol	0.38	mg/kg	UJ
Mesa top	21-11232	MD21-01-0108	6.3–6.6	Qbt 3	Bis(2-chloroethoxy)methane	0.38	mg/kg	UJ
Mesa top	21-11232	MD21-01-0108	6.3–6.6	Qbt 3	Bis(2-chloroethyl)ether	0.38	mg/kg	UJ
Mesa top	21-11232	MD21-01-0108	6.3–6.6	Qbt 3	Bis(2-ethylhexyl)phthalate	0.38	mg/kg	UJ
Mesa top	21-11232	MD21-01-0108	6.3–6.6	Qbt 3	Bromophenyl-phenylether[4-]	0.38	mg/kg	UJ
Mesa top	21-11232	MD21-01-0108	6.3–6.6	Qbt 3	Butylbenzylphthalate	0.38	mg/kg	UJ
Mesa top	21-11232	MD21-01-0108	6.3–6.6	Qbt 3	Chloro-3-methylphenol[4-]	0.38	mg/kg	UJ
Mesa top	21-11232	MD21-01-0108	6.3–6.6	Qbt 3	Chloroaniline[4-]	0.38	mg/kg	UJ

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Mesa top	21-11232	MD21-01-0108	6.3–6.6	Qbt 3	Chloronaphthalene[2-]	0.38	mg/kg	UJ
Mesa top	21-11232	MD21-01-0108	6.3–6.6	Qbt 3	Chlorophenol[2-]	0.38	mg/kg	UJ
Mesa top	21-11232	MD21-01-0108	6.3–6.6	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.38	mg/kg	UJ
Mesa top	21-11232	MD21-01-0108	6.3–6.6	Qbt 3	Di-n-butylphthalate	0.38	mg/kg	UJ
Mesa top	21-11232	MD21-01-0108	6.3–6.6	Qbt 3	Di-n-octylphthalate	0.38	mg/kg	UJ
Mesa top	21-11232	MD21-01-0108	6.3–6.6	Qbt 3	Dibenzofuran	0.38	mg/kg	UJ
Mesa top	21-11232	MD21-01-0108	6.3–6.6	Qbt 3	Dichlorobenzene[1,2-]	0.38	mg/kg	UJ
Mesa top	21-11232	MD21-01-0108	6.3–6.6	Qbt 3	Dichlorobenzene[1,3-]	0.38	mg/kg	UJ
Mesa top	21-11232	MD21-01-0108	6.3–6.6	Qbt 3	Dichlorobenzene[1,4-]	0.38	mg/kg	UJ
Mesa top	21-11232	MD21-01-0108	6.3–6.6	Qbt 3	Dichlorobenzidine[3,3'-]	1.8	mg/kg	UJ
Mesa top	21-11232	MD21-01-0108	6.3–6.6	Qbt 3	Dichlorophenol[2,4-]	0.38	mg/kg	UJ
Mesa top	21-11232	MD21-01-0108	6.3–6.6	Qbt 3	Diethylphthalate	0.38	mg/kg	UJ
Mesa top	21-11232	MD21-01-0108	6.3–6.6	Qbt 3	Dimethyl phthalate	0.38	mg/kg	UJ
Mesa top	21-11232	MD21-01-0108	6.3–6.6	Qbt 3	Dimethylphenol[2,4-]	0.38	mg/kg	UJ
Mesa top	21-11232	MD21-01-0108	6.3–6.6	Qbt 3	Dinitro-2-methylphenol[4,6-]	1.8	mg/kg	UJ
Mesa top	21-11232	MD21-01-0108	6.3–6.6	Qbt 3	Dinitrophenol[2,4-]	1.8	mg/kg	UJ
Mesa top	21-11232	MD21-01-0108	6.3–6.6	Qbt 3	Dinitrotoluene[2,4-]	0.38	mg/kg	UJ
Mesa top	21-11232	MD21-01-0108	6.3–6.6	Qbt 3	Dinitrotoluene[2,6-]	0.38	mg/kg	UJ
Mesa top	21-11232	MD21-01-0108	6.3–6.6	Qbt 3	Hexachlorobenzene	0.38	mg/kg	UJ
Mesa top	21-11232	MD21-01-0108	6.3–6.6	Qbt 3	Hexachlorobutadiene	0.38	mg/kg	UJ
Mesa top	21-11232	MD21-01-0108	6.3–6.6	Qbt 3	Hexachlorocyclopentadiene	1.8	mg/kg	UJ
Mesa top	21-11232	MD21-01-0108	6.3–6.6	Qbt 3	Hexachloroethane	0.38	mg/kg	UJ
Mesa top	21-11232	MD21-01-0108	6.3–6.6	Qbt 3	Indeno(1,2,3-cd)pyrene	0.38	mg/kg	UJ
Mesa top	21-11232	MD21-01-0108	6.3–6.6	Qbt 3	Isophorone	0.38	mg/kg	UJ
Mesa top	21-11232	MD21-01-0108	6.3–6.6	Qbt 3	Methylphenol[2-]	0.38	mg/kg	UJ
Mesa top	21-11232	MD21-01-0108	6.3–6.6	Qbt 3	Methylphenol[4-]	0.38	mg/kg	UJ
Mesa top	21-11232	MD21-01-0108	6.3–6.6	Qbt 3	Nitroaniline[2-]	1.8	mg/kg	UJ
Mesa top	21-11232	MD21-01-0108	6.3–6.6	Qbt 3	Nitroaniline[3-]	1.8	mg/kg	UJ
Mesa top	21-11232	MD21-01-0108	6.3–6.6	Qbt 3	Nitroaniline[4-]	1.8	mg/kg	UJ
Mesa top	21-11232	MD21-01-0108	6.3–6.6	Qbt 3	Nitrobenzene	0.38	mg/kg	UJ
Mesa top	21-11232	MD21-01-0108	6.3–6.6	Qbt 3	Nitrophenol[2-]	0.38	mg/kg	UJ
Mesa top	21-11232	MD21-01-0108	6.3–6.6	Qbt 3	Nitrophenol[4-]	1.8	mg/kg	UJ
Mesa top	21-11232	MD21-01-0108	6.3–6.6	Qbt 3	Nitroso-di-n-propylamine[N-]	0.38	mg/kg	UJ
Mesa top	21-11232	MD21-01-0108	6.3–6.6	Qbt 3	Nitrosodimethylamine[N-]	0.38	mg/kg	UJ
Mesa top	21-11232	MD21-01-0108	6.3–6.6	Qbt 3	Nitrosodiphenylamine[N-]	0.38	mg/kg	UJ
Mesa top	21-11232	MD21-01-0108	6.3–6.6	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.38	mg/kg	UJ
Mesa top	21-11232	MD21-01-0108	6.3–6.6	Qbt 3	Pentachlorophenol	1.8	mg/kg	UJ
Mesa top	21-11232	MD21-01-0108	6.3–6.6	Qbt 3	Phenol	0.38	mg/kg	UJ
Mesa top	21-11232	MD21-01-0108	6.3–6.6	Qbt 3	Trichlorobenzene[1,2,4-]	0.38	mg/kg	UJ

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Mesa top	21-11232	MD21-01-0108	6.3–6.6	Qbt 3	Trichlorophenol[2,4,5-]	0.38	mg/kg	UJ
Mesa top	21-11232	MD21-01-0108	6.3–6.6	Qbt 3	Trichlorophenol[2,4,6-]	0.38	mg/kg	UJ
Mesa top	21-11232	MD21-01-0108	6.3–6.6	Qbt 3	Trimethylbenzene[1,2,4-]	0.0059	mg/kg	U
Mesa top	21-11232	MD21-01-0108	6.3–6.6	Qbt 3	Trimethylbenzene[1,3,5-]	0.0059	mg/kg	U
Mesa top	21-11232	MD21-01-0109	10–11	Qbt 3	Aluminum	5030	mg/kg	None
Mesa top	21-11232	MD21-01-0109	10–11	Qbt 3	Antimony	0.3	mg/kg	U
Mesa top	21-11232	MD21-01-0109	10–11	Qbt 3	Arsenic	1.9	mg/kg	None
Mesa top	21-11232	MD21-01-0109	10–11	Qbt 3	Barium	23.7	mg/kg	J
Mesa top	21-11232	MD21-01-0109	10–11	Qbt 3	Beryllium	0.88	mg/kg	None
Mesa top	21-11232	MD21-01-0109	10–11	Qbt 3	Cadmium	0.032	mg/kg	U
Mesa top	21-11232	MD21-01-0109	10–11	Qbt 3	Calcium	621	mg/kg	None
Mesa top	21-11232	MD21-01-0109	10–11	Qbt 3	Chromium, total	3.9	mg/kg	None
Mesa top	21-11232	MD21-01-0109	10–11	Qbt 3	Cobalt	0.99	mg/kg	J
Mesa top	21-11232	MD21-01-0109	10–11	Qbt 3	Copper	2.3	mg/kg	J
Mesa top	21-11232	MD21-01-0109	10–11	Qbt 3	Iron	7430	mg/kg	None
Mesa top	21-11232	MD21-01-0109	10–11	Qbt 3	Magnesium	547	mg/kg	J
Mesa top	21-11232	MD21-01-0109	10–11	Qbt 3	Manganese	282	mg/kg	None
Mesa top	21-11232	MD21-01-0109	10–11	Qbt 3	Mercury	0.02	mg/kg	U
Mesa top	21-11232	MD21-01-0109	10–11	Qbt 3	Nickel	3	mg/kg	J
Mesa top	21-11232	MD21-01-0109	10–11	Qbt 3	Potassium	443	mg/kg	J
Mesa top	21-11232	MD21-01-0109	10–11	Qbt 3	Selenium	0.15	mg/kg	UJ
Mesa top	21-11232	MD21-01-0109	10–11	Qbt 3	Silver	0.51	mg/kg	U
Mesa top	21-11232	MD21-01-0109	10–11	Qbt 3	Sodium	41.2	mg/kg	U
Mesa top	21-11232	MD21-01-0109	10–11	Qbt 3	Thallium	0.16	mg/kg	U
Mesa top	21-11232	MD21-01-0109	10–11	Qbt 3	Vanadium	4.7	mg/kg	J
Mesa top	21-11232	MD21-01-0109	10–11	Qbt 3	Zinc	39.4	mg/kg	None
Mesa top	21-11232	MD21-01-0109	10–11	Qbt 3	Acenaphthylene	0.4	mg/kg	UJ
Mesa top	21-11232	MD21-01-0109	10–11	Qbt 3	Aniline	0.4	mg/kg	UJ
Mesa top	21-11232	MD21-01-0109	10–11	Qbt 3	Azobenzene	0.4	mg/kg	UJ
Mesa top	21-11232	MD21-01-0109	10–11	Qbt 3	Benzo(g,h,i)perylene	0.4	mg/kg	UJ
Mesa top	21-11232	MD21-01-0109	10–11	Qbt 3	Benzoic acid	1.9	mg/kg	UJ
Mesa top	21-11232	MD21-01-0109	10–11	Qbt 3	Benzyl alcohol	0.4	mg/kg	UJ
Mesa top	21-11232	MD21-01-0109	10–11	Qbt 3	Bis(2-chloroethoxy)methane	0.4	mg/kg	UJ
Mesa top	21-11232	MD21-01-0109	10–11	Qbt 3	Bis(2-chloroethyl)ether	0.4	mg/kg	UJ
Mesa top	21-11232	MD21-01-0109	10–11	Qbt 3	Bis(2-ethylhexyl)phthalate	0.4	mg/kg	UJ
Mesa top	21-11232	MD21-01-0109	10–11	Qbt 3	Bromophenyl-phenylether[4-]	0.4	mg/kg	UJ
Mesa top	21-11232	MD21-01-0109	10–11	Qbt 3	Butylbenzylphthalate	0.4	mg/kg	UJ
Mesa top	21-11232	MD21-01-0109	10–11	Qbt 3	Chloro-3-methylphenol[4-]	0.4	mg/kg	UJ
Mesa top	21-11232	MD21-01-0109	10–11	Qbt 3	Chloroaniline[4-]	0.4	mg/kg	UJ

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Mesa top	21-11232	MD21-01-0109	10–11	Qbt 3	Chloronaphthalene[2-]	0.4	mg/kg	UJ
Mesa top	21-11232	MD21-01-0109	10–11	Qbt 3	Chlorophenol[2-]	0.4	mg/kg	UJ
Mesa top	21-11232	MD21-01-0109	10–11	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.4	mg/kg	UJ
Mesa top	21-11232	MD21-01-0109	10–11	Qbt 3	Di-n-butylphthalate	0.4	mg/kg	UJ
Mesa top	21-11232	MD21-01-0109	10–11	Qbt 3	Di-n-octylphthalate	0.4	mg/kg	UJ
Mesa top	21-11232	MD21-01-0109	10–11	Qbt 3	Dibenzofuran	0.4	mg/kg	UJ
Mesa top	21-11232	MD21-01-0109	10–11	Qbt 3	Dichlorobenzene[1,2-]	0.4	mg/kg	UJ
Mesa top	21-11232	MD21-01-0109	10–11	Qbt 3	Dichlorobenzene[1,3-]	0.4	mg/kg	UJ
Mesa top	21-11232	MD21-01-0109	10–11	Qbt 3	Dichlorobenzene[1,4-]	0.4	mg/kg	UJ
Mesa top	21-11232	MD21-01-0109	10–11	Qbt 3	Dichlorobenzidine[3,3'-]	1.9	mg/kg	UJ
Mesa top	21-11232	MD21-01-0109	10–11	Qbt 3	Dichlorophenol[2,4-]	0.4	mg/kg	UJ
Mesa top	21-11232	MD21-01-0109	10–11	Qbt 3	Diethylphthalate	0.4	mg/kg	UJ
Mesa top	21-11232	MD21-01-0109	10–11	Qbt 3	Dimethyl phthalate	0.4	mg/kg	UJ
Mesa top	21-11232	MD21-01-0109	10–11	Qbt 3	Dimethylphenol[2,4-]	0.4	mg/kg	UJ
Mesa top	21-11232	MD21-01-0109	10–11	Qbt 3	Dinitro-2-methylphenol[4,6-]	1.9	mg/kg	UJ
Mesa top	21-11232	MD21-01-0109	10–11	Qbt 3	Dinitrophenol[2,4-]	1.9	mg/kg	UJ
Mesa top	21-11232	MD21-01-0109	10–11	Qbt 3	Dinitrotoluene[2,4-]	0.4	mg/kg	UJ
Mesa top	21-11232	MD21-01-0109	10–11	Qbt 3	Dinitrotoluene[2,6-]	0.4	mg/kg	UJ
Mesa top	21-11232	MD21-01-0109	10–11	Qbt 3	Hexachlorobenzene	0.4	mg/kg	UJ
Mesa top	21-11232	MD21-01-0109	10–11	Qbt 3	Hexachlorobutadiene	0.4	mg/kg	UJ
Mesa top	21-11232	MD21-01-0109	10–11	Qbt 3	Hexachlorocyclopentadiene	1.9	mg/kg	UJ
Mesa top	21-11232	MD21-01-0109	10–11	Qbt 3	Hexachloroethane	0.4	mg/kg	UJ
Mesa top	21-11232	MD21-01-0109	10–11	Qbt 3	Indeno(1,2,3-cd)pyrene	0.4	mg/kg	UJ
Mesa top	21-11232	MD21-01-0109	10–11	Qbt 3	Isophorone	0.4	mg/kg	UJ
Mesa top	21-11232	MD21-01-0109	10–11	Qbt 3	Methylphenol[2-]	0.4	mg/kg	UJ
Mesa top	21-11232	MD21-01-0109	10–11	Qbt 3	Methylphenol[4-]	0.4	mg/kg	UJ
Mesa top	21-11232	MD21-01-0109	10–11	Qbt 3	Nitroaniline[2-]	1.9	mg/kg	UJ
Mesa top	21-11232	MD21-01-0109	10–11	Qbt 3	Nitroaniline[3-]	1.9	mg/kg	UJ
Mesa top	21-11232	MD21-01-0109	10–11	Qbt 3	Nitroaniline[4-]	1.9	mg/kg	UJ
Mesa top	21-11232	MD21-01-0109	10–11	Qbt 3	Nitrobenzene	0.4	mg/kg	UJ
Mesa top	21-11232	MD21-01-0109	10–11	Qbt 3	Nitrophenol[2-]	0.4	mg/kg	UJ
Mesa top	21-11232	MD21-01-0109	10–11	Qbt 3	Nitrophenol[4-]	1.9	mg/kg	UJ
Mesa top	21-11232	MD21-01-0109	10–11	Qbt 3	Nitroso-di-n-propylamine[N-]	0.4	mg/kg	UJ
Mesa top	21-11232	MD21-01-0109	10–11	Qbt 3	Nitrosodimethylamine[N-]	0.4	mg/kg	UJ
Mesa top	21-11232	MD21-01-0109	10–11	Qbt 3	Nitrosodiphenylamine[N-]	0.4	mg/kg	UJ
Mesa top	21-11232	MD21-01-0109	10–11	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.4	mg/kg	UJ
Mesa top	21-11232	MD21-01-0109	10–11	Qbt 3	Pentachlorophenol	1.9	mg/kg	UJ
Mesa top	21-11232	MD21-01-0109	10–11	Qbt 3	Phenol	0.4	mg/kg	UJ
Mesa top	21-11232	MD21-01-0109	10–11	Qbt 3	Trichlorobenzene[1,2,4-]	0.4	mg/kg	UJ

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Mesa top	21-11232	MD21-01-0109	10–11	Qbt 3	Trichlorophenol[2,4,5-]	0.4	mg/kg	UJ
Mesa top	21-11232	MD21-01-0109	10–11	Qbt 3	Trichlorophenol[2,4,6-]	0.4	mg/kg	UJ
Mesa top	21-11232	MD21-01-0109	10–11	Qbt 3	Trimethylbenzene[1,2,4-]	0.0062	mg/kg	U
Mesa top	21-11232	MD21-01-0109	10–11	Qbt 3	Trimethylbenzene[1,3,5-]	0.0062	mg/kg	U
Mesa top	21-11232	MD21-01-0112	21.7–22.5	Qbt 3	Aluminum	3180	mg/kg	None
Mesa top	21-11232	MD21-01-0112	21.7–22.5	Qbt 3	Antimony	0.27	mg/kg	U
Mesa top	21-11232	MD21-01-0112	21.7–22.5	Qbt 3	Arsenic	1.6	mg/kg	None
Mesa top	21-11232	MD21-01-0112	21.7–22.5	Qbt 3	Barium	21.1	mg/kg	J
Mesa top	21-11232	MD21-01-0112	21.7–22.5	Qbt 3	Beryllium	0.55	mg/kg	None
Mesa top	21-11232	MD21-01-0112	21.7–22.5	Qbt 3	Cadmium	0.028	mg/kg	U
Mesa top	21-11232	MD21-01-0112	21.7–22.5	Qbt 3	Calcium	478	mg/kg	J
Mesa top	21-11232	MD21-01-0112	21.7–22.5	Qbt 3	Chromium, total	3	mg/kg	None
Mesa top	21-11232	MD21-01-0112	21.7–22.5	Qbt 3	Cobalt	0.67	mg/kg	J
Mesa top	21-11232	MD21-01-0112	21.7–22.5	Qbt 3	Copper	1.8	mg/kg	J
Mesa top	21-11232	MD21-01-0112	21.7–22.5	Qbt 3	Iron	5650	mg/kg	None
Mesa top	21-11232	MD21-01-0112	21.7–22.5	Qbt 3	Magnesium	378	mg/kg	J
Mesa top	21-11232	MD21-01-0112	21.7–22.5	Qbt 3	Manganese	213	mg/kg	None
Mesa top	21-11232	MD21-01-0112	21.7–22.5	Qbt 3	Mercury	0.018	mg/kg	U
Mesa top	21-11232	MD21-01-0112	21.7–22.5	Qbt 3	Nickel	3	mg/kg	J
Mesa top	21-11232	MD21-01-0112	21.7–22.5	Qbt 3	Potassium	229	mg/kg	J
Mesa top	21-11232	MD21-01-0112	21.7–22.5	Qbt 3	Selenium	0.13	mg/kg	UJ
Mesa top	21-11232	MD21-01-0112	21.7–22.5	Qbt 3	Silver	0.45	mg/kg	U
Mesa top	21-11232	MD21-01-0112	21.7–22.5	Qbt 3	Sodium	72.9	mg/kg	J
Mesa top	21-11232	MD21-01-0112	21.7–22.5	Qbt 3	Thallium	0.14	mg/kg	U
Mesa top	21-11232	MD21-01-0112	21.7–22.5	Qbt 3	Vanadium	3.6	mg/kg	J
Mesa top	21-11232	MD21-01-0112	21.7–22.5	Qbt 3	Zinc	29.6	mg/kg	None
Mesa top	21-11232	MD21-01-0112	21.7–22.5	Qbt 3	Acenaphthylene	0.35	mg/kg	UJ
Mesa top	21-11232	MD21-01-0112	21.7–22.5	Qbt 3	Aniline	0.35	mg/kg	UJ
Mesa top	21-11232	MD21-01-0112	21.7–22.5	Qbt 3	Azobenzene	0.35	mg/kg	UJ
Mesa top	21-11232	MD21-01-0112	21.7–22.5	Qbt 3	Benzo(g,h,i)perylene	0.35	mg/kg	UJ
Mesa top	21-11232	MD21-01-0112	21.7–22.5	Qbt 3	Benzoic acid	1.7	mg/kg	UJ
Mesa top	21-11232	MD21-01-0112	21.7–22.5	Qbt 3	Benzyl alcohol	0.35	mg/kg	UJ
Mesa top	21-11232	MD21-01-0112	21.7–22.5	Qbt 3	Bis(2-chloroethoxy)methane	0.35	mg/kg	UJ
Mesa top	21-11232	MD21-01-0112	21.7–22.5	Qbt 3	Bis(2-chloroethyl)ether	0.35	mg/kg	UJ
Mesa top	21-11232	MD21-01-0112	21.7–22.5	Qbt 3	Bis(2-ethylhexyl)phthalate	0.35	mg/kg	UJ
Mesa top	21-11232	MD21-01-0112	21.7–22.5	Qbt 3	Bromophenyl-phenylether[4-]	0.35	mg/kg	UJ
Mesa top	21-11232	MD21-01-0112	21.7–22.5	Qbt 3	Butylbenzylphthalate	0.35	mg/kg	UJ
Mesa top	21-11232	MD21-01-0112	21.7–22.5	Qbt 3	Chloro-3-methylphenol[4-]	0.35	mg/kg	UJ
Mesa top	21-11232	MD21-01-0112	21.7–22.5	Qbt 3	Chloroaniline[4-]	0.35	mg/kg	UJ

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Mesa top	21-11232	MD21-01-0112	21.7–22.5	Qbt 3	Chloronaphthalene[2-]	0.35	mg/kg	UJ
Mesa top	21-11232	MD21-01-0112	21.7–22.5	Qbt 3	Chlorophenol[2-]	0.35	mg/kg	UJ
Mesa top	21-11232	MD21-01-0112	21.7–22.5	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.35	mg/kg	UJ
Mesa top	21-11232	MD21-01-0112	21.7–22.5	Qbt 3	Di-n-butylphthalate	0.35	mg/kg	UJ
Mesa top	21-11232	MD21-01-0112	21.7–22.5	Qbt 3	Di-n-octylphthalate	0.35	mg/kg	UJ
Mesa top	21-11232	MD21-01-0112	21.7–22.5	Qbt 3	Dibenzofuran	0.35	mg/kg	UJ
Mesa top	21-11232	MD21-01-0112	21.7–22.5	Qbt 3	Dichlorobenzene[1,2-]	0.35	mg/kg	UJ
Mesa top	21-11232	MD21-01-0112	21.7–22.5	Qbt 3	Dichlorobenzene[1,3-]	0.35	mg/kg	UJ
Mesa top	21-11232	MD21-01-0112	21.7–22.5	Qbt 3	Dichlorobenzene[1,4-]	0.35	mg/kg	UJ
Mesa top	21-11232	MD21-01-0112	21.7–22.5	Qbt 3	Dichlorobenzidine[3,3'-]	1.7	mg/kg	UJ
Mesa top	21-11232	MD21-01-0112	21.7–22.5	Qbt 3	Dichlorophenol[2,4-]	0.35	mg/kg	UJ
Mesa top	21-11232	MD21-01-0112	21.7–22.5	Qbt 3	Diethylphthalate	0.35	mg/kg	UJ
Mesa top	21-11232	MD21-01-0112	21.7–22.5	Qbt 3	Dimethyl phthalate	0.35	mg/kg	UJ
Mesa top	21-11232	MD21-01-0112	21.7–22.5	Qbt 3	Dimethylphenol[2,4-]	0.35	mg/kg	UJ
Mesa top	21-11232	MD21-01-0112	21.7–22.5	Qbt 3	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	UJ
Mesa top	21-11232	MD21-01-0112	21.7–22.5	Qbt 3	Dinitrophenol[2,4-]	1.7	mg/kg	UJ
Mesa top	21-11232	MD21-01-0112	21.7–22.5	Qbt 3	Dinitrotoluene[2,4-]	0.35	mg/kg	UJ
Mesa top	21-11232	MD21-01-0112	21.7–22.5	Qbt 3	Dinitrotoluene[2,6-]	0.35	mg/kg	UJ
Mesa top	21-11232	MD21-01-0112	21.7–22.5	Qbt 3	Hexachlorobenzene	0.35	mg/kg	UJ
Mesa top	21-11232	MD21-01-0112	21.7–22.5	Qbt 3	Hexachlorobutadiene	0.35	mg/kg	UJ
Mesa top	21-11232	MD21-01-0112	21.7–22.5	Qbt 3	Hexachlorocyclopentadiene	1.7	mg/kg	UJ
Mesa top	21-11232	MD21-01-0112	21.7–22.5	Qbt 3	Hexachloroethane	0.35	mg/kg	UJ
Mesa top	21-11232	MD21-01-0112	21.7–22.5	Qbt 3	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	UJ
Mesa top	21-11232	MD21-01-0112	21.7–22.5	Qbt 3	Isophorone	0.35	mg/kg	UJ
Mesa top	21-11232	MD21-01-0112	21.7–22.5	Qbt 3	Methylphenol[2-]	0.35	mg/kg	UJ
Mesa top	21-11232	MD21-01-0112	21.7–22.5	Qbt 3	Methylphenol[4-]	0.35	mg/kg	UJ
Mesa top	21-11232	MD21-01-0112	21.7–22.5	Qbt 3	Nitroaniline[2-]	1.7	mg/kg	UJ
Mesa top	21-11232	MD21-01-0112	21.7–22.5	Qbt 3	Nitroaniline[3-]	1.7	mg/kg	UJ
Mesa top	21-11232	MD21-01-0112	21.7–22.5	Qbt 3	Nitroaniline[4-]	1.7	mg/kg	UJ
Mesa top	21-11232	MD21-01-0112	21.7–22.5	Qbt 3	Nitrobenzene	0.35	mg/kg	UJ
Mesa top	21-11232	MD21-01-0112	21.7–22.5	Qbt 3	Nitrophenol[2-]	0.35	mg/kg	UJ
Mesa top	21-11232	MD21-01-0112	21.7–22.5	Qbt 3	Nitrophenol[4-]	1.7	mg/kg	UJ
Mesa top	21-11232	MD21-01-0112	21.7–22.5	Qbt 3	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	UJ
Mesa top	21-11232	MD21-01-0112	21.7–22.5	Qbt 3	Nitrosodimethylamine[N-]	0.35	mg/kg	UJ
Mesa top	21-11232	MD21-01-0112	21.7–22.5	Qbt 3	Nitrosodiphenylamine[N-]	0.35	mg/kg	UJ
Mesa top	21-11232	MD21-01-0112	21.7–22.5	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	UJ
Mesa top	21-11232	MD21-01-0112	21.7–22.5	Qbt 3	Pentachlorophenol	1.7	mg/kg	UJ
Mesa top	21-11232	MD21-01-0112	21.7–22.5	Qbt 3	Phenol	0.35	mg/kg	UJ
Mesa top	21-11232	MD21-01-0112	21.7–22.5	Qbt 3	Trichlorobenzene[1,2,4-]	0.35	mg/kg	UJ

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Mesa top	21-11232	MD21-01-0112	21.7–22.5	Qbt 3	Trichlorophenol[2,4,5-]	0.35	mg/kg	UJ
Mesa top	21-11232	MD21-01-0112	21.7–22.5	Qbt 3	Trichlorophenol[2,4,6-]	0.35	mg/kg	UJ
Mesa top	21-11232	MD21-01-0112	21.7–22.5	Qbt 3	Trimethylbenzene[1,2,4-]	0.0063	mg/kg	U
Mesa top	21-11232	MD21-01-0112	21.7–22.5	Qbt 3	Trimethylbenzene[1,3,5-]	0.0063	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Aluminum	1250	mg/kg	J+
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Antimony	0.27	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Arsenic	1.1	mg/kg	None
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Barium	11.6	mg/kg	J
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Beryllium	0.5	mg/kg	J
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Cadmium	0.028	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Calcium	302	mg/kg	J
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Chromium, total	1.1	mg/kg	None
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Cobalt	5.9	mg/kg	J
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Copper	1.6	mg/kg	J
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Iron	5160	mg/kg	None
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Magnesium	231	mg/kg	J
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Manganese	193	mg/kg	None
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Mercury	0.018	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Nickel	0.99	mg/kg	J
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Potassium	351	mg/kg	J
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Selenium	0.14	mg/kg	J
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Silver	0.65	mg/kg	J
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Sodium	89.8	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Thallium	0.14	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Vanadium	2.2	mg/kg	J
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Zinc	30.9	mg/kg	None
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Acenaphthylene	0.35	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Aniline	0.35	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Azobenzene	0.35	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Benzo(g,h,i)perylene	0.35	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Benzoic acid	1.7	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Benzyl alcohol	0.35	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Bis(2-chloroethoxy)methane	0.35	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Bis(2-chloroethyl)ether	0.35	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Bis(2-ethylhexyl)phthalate	0.35	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Bromophenyl-phenylether[4-]	0.35	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Butylbenzylphthalate	0.35	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Chloro-3-methylphenol[4-]	0.35	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Chloroaniline[4-]	0.35	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Chloronaphthalene[2-]	0.35	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Chlorophenol[2-]	0.35	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.35	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Di-n-butylphthalate	0.35	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Di-n-octylphthalate	0.35	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Dibenzofuran	0.35	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Dichlorobenzene[1,2-]	0.35	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Dichlorobenzene[1,3-]	0.35	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Dichlorobenzene[1,4-]	0.35	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Dichlorobenzidine[3,3'-]	1.7	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Dichlorophenol[2,4-]	0.35	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Diethylphthalate	0.35	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Dimethyl phthalate	0.35	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Dimethylphenol[2,4-]	0.35	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Dinitrophenol[2,4-]	1.7	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Dinitrotoluene[2,4-]	0.35	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Dinitrotoluene[2,6-]	0.35	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Hexachlorobenzene	0.35	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Hexachlorobutadiene	0.35	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Hexachlorocyclopentadiene	1.7	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Hexachloroethane	0.35	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Isophorone	0.35	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Methylphenol[2-]	0.35	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Methylphenol[4-]	0.35	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Nitroaniline[2-]	1.7	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Nitroaniline[3-]	1.7	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Nitroaniline[4-]	1.7	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Nitrobenzene	0.35	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Nitrophenol[2-]	0.35	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Nitrophenol[4-]	1.7	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Nitrosodimethylamine[N-]	0.35	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Nitrosodiphenylamine[N-]	0.35	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Pentachlorophenol	1.7	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Phenol	0.35	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Trichlorobenzene[1,2,4-]	0.35	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Trichlorophenol[2,4,5-]	0.35	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Trichlorophenol[2,4,6-]	0.35	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Acetone	0.023	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Bromobenzene	0.0059	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Bromochloromethane	0.0059	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Bromodichloromethane	0.0059	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Bromoform	0.0059	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Bromomethane	0.012	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Butanone[2-]	0.023	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Butylbenzene[n-]	0.0059	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Butylbenzene[sec-]	0.0059	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Butylbenzene[tert-]	0.0059	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Carbon disulfide	0.0059	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Carbon tetrachloride	0.0059	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Chlorobenzene	0.0059	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Chlorodibromomethane	0.0059	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Chloroethane	0.012	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Chloroform	0.0059	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Chloromethane	0.012	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Chlorotoluene[2-]	0.0059	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Chlorotoluene[4-]	0.0059	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Dibromo-3-chloropropane[1,2-]	0.012	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Dibromomethane	0.0059	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Dichlorobenzene[1,2-]	0.0059	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Dichlorobenzene[1,3-]	0.0059	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Dichlorobenzene[1,4-]	0.0059	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Dichlorodifluoromethane	0.012	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Dichloroethane[1,1-]	0.0059	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Dichloroethene[1,1-]	0.0059	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Dichloroethene[cis/trans-1,2-]	0.0059	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Dichloropropane[1,2-]	0.0059	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Dichloropropane[1,3-]	0.0059	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Dichloropropane[2,2-]	0.0059	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Dichloropropene[1,1-]	0.0059	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Dichloropropene[cis-1,3-]	0.0059	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Dichloropropene[trans-1,3-]	0.0059	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Hexanone[2-]	0.023	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Iodomethane	0.0059	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Isopropylbenzene	0.0059	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Isopropyltoluene[4-]	0.0059	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Methyl-2-pentanone[4-]	0.023	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Methylene chloride	0.0059	mg/kg	UJ
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Propylbenzene[1-]	0.0059	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Styrene	0.0059	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Tetrachloroethane[1,1,1,2-]	0.0059	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Tetrachloroethane[1,1,2,2-]	0.0059	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Tetrachloroethene	0.0059	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Trichloroethane[1,1,1-]	0.0059	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Trichloroethane[1,1,2-]	0.0059	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Trichloroethene	0.0059	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Trichlorofluoromethane	0.012	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Trichloropropane[1,2,3-]	0.0059	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Trichlorotrifluoroethane	0.0059	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Trimethylbenzene[1,2,4-]	0.0059	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Trimethylbenzene[1,3,5-]	0.0059	mg/kg	U
Mesa top	21-11240	MD21-01-0113	46.7–47	Qbt 3	Vinyl chloride	0.012	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Aluminum	363	mg/kg	J+
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Antimony	0.27	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Arsenic	0.97	mg/kg	J
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Barium	15.3	mg/kg	J
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Beryllium	0.41	mg/kg	J
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Cadmium	0.028	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Calcium	149	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Chromium, total	0.42	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Cobalt	0.51	mg/kg	J
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Copper	0.87	mg/kg	J
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Iron	4350	mg/kg	None
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Magnesium	73.9	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Manganese	282	mg/kg	None
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Mercury	0.018	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Nickel	0.28	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Potassium	130	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Selenium	0.13	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Silver	0.45	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Sodium	74.8	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Thallium	0.14	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Vanadium	1.7	mg/kg	J
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Zinc	32.6	mg/kg	None

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Acenaphthylene	0.35	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Aniline	0.35	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Azobenzene	0.35	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Benzo(g,h,i)perylene	0.35	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Benzoic acid	1.7	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Benzyl alcohol	0.35	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Bis(2-chloroethoxy)methane	0.35	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Bis(2-chloroethyl)ether	0.35	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Bis(2-ethylhexyl)phthalate	0.35	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Bromophenyl-phenylether[4-]	0.35	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Butylbenzylphthalate	0.35	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Chloro-3-methylphenol[4-]	0.35	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Chloroaniline[4-]	0.35	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Chloronaphthalene[2-]	0.35	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Chlorophenol[2-]	0.35	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.35	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Di-n-butylphthalate	0.35	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Di-n-octylphthalate	0.35	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Dibenzofuran	0.35	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Dichlorobenzene[1,2-]	0.35	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Dichlorobenzene[1,3-]	0.35	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Dichlorobenzene[1,4-]	0.35	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Dichlorobenzidine[3,3'-]	1.7	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Dichlorophenol[2,4-]	0.35	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Diethylphthalate	0.35	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Dimethyl phthalate	0.35	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Dimethylphenol[2,4-]	0.35	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Dinitrophenol[2,4-]	1.7	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Dinitrotoluene[2,4-]	0.35	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Dinitrotoluene[2,6-]	0.35	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Hexachlorobenzene	0.35	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Hexachlorobutadiene	0.35	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Hexachlorocyclopentadiene	1.7	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Hexachloroethane	0.35	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Isophorone	0.35	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Methylphenol[2-]	0.35	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Methylphenol[4-]	0.35	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Nitroaniline[2-]	1.7	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Nitroaniline[3-]	1.7	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Nitroaniline[4-]	1.7	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Nitrobenzene	0.35	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Nitrophenol[2-]	0.35	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Nitrophenol[4-]	1.7	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Nitrosodimethylamine[N-]	0.35	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Nitrosodiphenylamine[N-]	0.35	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Pentachlorophenol	1.7	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Phenol	0.35	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Trichlorobenzene[1,2,4-]	0.35	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Trichlorophenol[2,4,5-]	0.35	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Trichlorophenol[2,4,6-]	0.35	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Acetone	0.024	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Bromobenzene	0.006	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Bromochloromethane	0.006	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Bromodichloromethane	0.006	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Bromoform	0.006	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Bromomethane	0.012	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Butanone[2-]	0.024	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Butylbenzene[n-]	0.006	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Butylbenzene[sec-]	0.006	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Butylbenzene[tert-]	0.006	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Carbon disulfide	0.006	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Carbon tetrachloride	0.006	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Chlorobenzene	0.006	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Chlorodibromomethane	0.006	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Chloroethane	0.012	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Chloroform	0.006	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Chloromethane	0.012	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Chlorotoluene[2-]	0.006	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Chlorotoluene[4-]	0.006	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Dibromo-3-chloropropane[1,2-]	0.012	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Dibromomethane	0.006	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Dichlorobenzene[1,2-]	0.006	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Dichlorobenzene[1,3-]	0.006	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Dichlorobenzene[1,4-]	0.006	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Dichlorodifluoromethane	0.012	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Dichloroethane[1,1-]	0.006	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Dichloroethene[1,1-]	0.006	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Dichloroethene[cis/trans-1,2-]	0.006	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Dichloropropane[1,2-]	0.006	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Dichloropropane[1,3-]	0.006	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Dichloropropane[2,2-]	0.006	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Dichloropropene[1,1-]	0.006	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Dichloropropene[cis-1,3-]	0.006	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Dichloropropene[trans-1,3-]	0.006	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Hexanone[2-]	0.024	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Iodomethane	0.006	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Isopropylbenzene	0.006	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Isopropyltoluene[4-]	0.006	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Methyl-2-pentanone[4-]	0.024	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Methylene chloride	0.006	mg/kg	UJ
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Propylbenzene[1-]	0.006	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Styrene	0.006	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Tetrachloroethane[1,1,1,2-]	0.006	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Tetrachloroethane[1,1,2,2-]	0.006	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Tetrachloroethene	0.006	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Trichloroethane[1,1,1-]	0.006	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Trichloroethane[1,1,2-]	0.006	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Trichloroethene	0.006	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Trichlorofluoromethane	0.012	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Trichloropropane[1,2,3-]	0.006	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Trichlorotrifluoroethane	0.006	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Trimethylbenzene[1,2,4-]	0.006	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Trimethylbenzene[1,3,5-]	0.006	mg/kg	U
Mesa top	21-11240	MD21-01-0114	86.3–87.5	Qbt 3	Vinyl chloride	0.012	mg/kg	U
Mesa top	21-11244	MD21-01-0126	9–10	Fill	Aluminum	7990	mg/kg	J
Mesa top	21-11244	MD21-01-0126	9–10	Fill	Antimony	0.27	mg/kg	U
Mesa top	21-11244	MD21-01-0126	9–10	Fill	Arsenic	3.3	mg/kg	None
Mesa top	21-11244	MD21-01-0126	9–10	Fill	Barium	132	mg/kg	None
Mesa top	21-11244	MD21-01-0126	9–10	Fill	Beryllium	0.87	mg/kg	None
Mesa top	21-11244	MD21-01-0126	9–10	Fill	Cadmium	0.028	mg/kg	U
Mesa top	21-11244	MD21-01-0126	9–10	Fill	Calcium	4630	mg/kg	None
Mesa top	21-11244	MD21-01-0126	9–10	Fill	Chromium, total	6.4	mg/kg	None
Mesa top	21-11244	MD21-01-0126	9–10	Fill	Cobalt	4.2	mg/kg	J

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Mesa top	21-11244	MD21-01-0126	9–10	Fill	Copper	6.8	mg/kg	None
Mesa top	21-11244	MD21-01-0126	9–10	Fill	Iron	12500	mg/kg	None
Mesa top	21-11244	MD21-01-0126	9–10	Fill	Magnesium	1620	mg/kg	None
Mesa top	21-11244	MD21-01-0126	9–10	Fill	Manganese	413	mg/kg	None
Mesa top	21-11244	MD21-01-0126	9–10	Fill	Mercury	0.033	mg/kg	J
Mesa top	21-11244	MD21-01-0126	9–10	Fill	Nickel	6.2	mg/kg	None
Mesa top	21-11244	MD21-01-0126	9–10	Fill	Potassium	1050	mg/kg	None
Mesa top	21-11244	MD21-01-0126	9–10	Fill	Selenium	0.13	mg/kg	U
Mesa top	21-11244	MD21-01-0126	9–10	Fill	Silver	0.46	mg/kg	U
Mesa top	21-11244	MD21-01-0126	9–10	Fill	Sodium	200	mg/kg	J
Mesa top	21-11244	MD21-01-0126	9–10	Fill	Thallium	0.19	mg/kg	J
Mesa top	21-11244	MD21-01-0126	9–10	Fill	Vanadium	17.4	mg/kg	None
Mesa top	21-11244	MD21-01-0126	9–10	Fill	Zinc	36.9	mg/kg	None
Mesa top	21-11244	MD21-01-0126	9–10	Fill	Acenaphthylene	0.35	mg/kg	U
Mesa top	21-11244	MD21-01-0126	9–10	Fill	Aniline	0.35	mg/kg	U
Mesa top	21-11244	MD21-01-0126	9–10	Fill	Azobenzene	0.35	mg/kg	U
Mesa top	21-11244	MD21-01-0126	9–10	Fill	Benzo(g,h,i)perylene	0.35	mg/kg	U
Mesa top	21-11244	MD21-01-0126	9–10	Fill	Benzoic acid	1.7	mg/kg	U
Mesa top	21-11244	MD21-01-0126	9–10	Fill	Benzyl alcohol	0.35	mg/kg	U
Mesa top	21-11244	MD21-01-0126	9–10	Fill	Bis(2-chloroethoxy)methane	0.35	mg/kg	U
Mesa top	21-11244	MD21-01-0126	9–10	Fill	Bis(2-chloroethyl)ether	0.35	mg/kg	U
Mesa top	21-11244	MD21-01-0126	9–10	Fill	Bis(2-ethylhexyl)phthalate	0.35	mg/kg	U
Mesa top	21-11244	MD21-01-0126	9–10	Fill	Bromophenyl-phenylether[4-]	0.35	mg/kg	U
Mesa top	21-11244	MD21-01-0126	9–10	Fill	Butylbenzylphthalate	0.35	mg/kg	U
Mesa top	21-11244	MD21-01-0126	9–10	Fill	Chloro-3-methylphenol[4-]	0.35	mg/kg	U
Mesa top	21-11244	MD21-01-0126	9–10	Fill	Chloroaniline[4-]	0.35	mg/kg	U
Mesa top	21-11244	MD21-01-0126	9–10	Fill	Chloronaphthalene[2-]	0.35	mg/kg	U
Mesa top	21-11244	MD21-01-0126	9–10	Fill	Chlorophenol[2-]	0.35	mg/kg	U
Mesa top	21-11244	MD21-01-0126	9–10	Fill	Chlorophenyl-phenyl[4-] ether	0.35	mg/kg	U
Mesa top	21-11244	MD21-01-0126	9–10	Fill	Di-n-butylphthalate	0.35	mg/kg	U
Mesa top	21-11244	MD21-01-0126	9–10	Fill	Di-n-octylphthalate	0.35	mg/kg	U
Mesa top	21-11244	MD21-01-0126	9–10	Fill	Dibenzofuran	0.35	mg/kg	U
Mesa top	21-11244	MD21-01-0126	9–10	Fill	Dichlorobenzene[1,2-]	0.35	mg/kg	U
Mesa top	21-11244	MD21-01-0126	9–10	Fill	Dichlorobenzene[1,3-]	0.35	mg/kg	U
Mesa top	21-11244	MD21-01-0126	9–10	Fill	Dichlorobenzene[1,4-]	0.35	mg/kg	U
Mesa top	21-11244	MD21-01-0126	9–10	Fill	Dichlorobenzidine[3,3'-]	1.7	mg/kg	U
Mesa top	21-11244	MD21-01-0126	9–10	Fill	Dichlorophenol[2,4-]	0.35	mg/kg	U
Mesa top	21-11244	MD21-01-0126	9–10	Fill	Diethylphthalate	0.35	mg/kg	U
Mesa top	21-11244	MD21-01-0126	9–10	Fill	Dimethyl phthalate	0.35	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Mesa top	21-11244	MD21-01-0126	9–10	Fill	Dimethylphenol[2,4-]	0.35	mg/kg	U
Mesa top	21-11244	MD21-01-0126	9–10	Fill	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
Mesa top	21-11244	MD21-01-0126	9–10	Fill	Dinitrophenol[2,4-]	1.7	mg/kg	U
Mesa top	21-11244	MD21-01-0126	9–10	Fill	Dinitrotoluene[2,4-]	0.35	mg/kg	U
Mesa top	21-11244	MD21-01-0126	9–10	Fill	Dinitrotoluene[2,6-]	0.35	mg/kg	U
Mesa top	21-11244	MD21-01-0126	9–10	Fill	Hexachlorobenzene	0.35	mg/kg	U
Mesa top	21-11244	MD21-01-0126	9–10	Fill	Hexachlorobutadiene	0.35	mg/kg	U
Mesa top	21-11244	MD21-01-0126	9–10	Fill	Hexachlorocyclopentadiene	1.7	mg/kg	U
Mesa top	21-11244	MD21-01-0126	9–10	Fill	Hexachloroethane	0.35	mg/kg	U
Mesa top	21-11244	MD21-01-0126	9–10	Fill	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	U
Mesa top	21-11244	MD21-01-0126	9–10	Fill	Isophorone	0.35	mg/kg	U
Mesa top	21-11244	MD21-01-0126	9–10	Fill	Methylphenol[2-]	0.35	mg/kg	U
Mesa top	21-11244	MD21-01-0126	9–10	Fill	Methylphenol[4-]	0.35	mg/kg	U
Mesa top	21-11244	MD21-01-0126	9–10	Fill	Nitroaniline[2-]	1.7	mg/kg	U
Mesa top	21-11244	MD21-01-0126	9–10	Fill	Nitroaniline[3-]	1.7	mg/kg	U
Mesa top	21-11244	MD21-01-0126	9–10	Fill	Nitroaniline[4-]	1.7	mg/kg	U
Mesa top	21-11244	MD21-01-0126	9–10	Fill	Nitrobenzene	0.35	mg/kg	U
Mesa top	21-11244	MD21-01-0126	9–10	Fill	Nitrophenol[2-]	0.35	mg/kg	U
Mesa top	21-11244	MD21-01-0126	9–10	Fill	Nitrophenol[4-]	1.7	mg/kg	U
Mesa top	21-11244	MD21-01-0126	9–10	Fill	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	U
Mesa top	21-11244	MD21-01-0126	9–10	Fill	Nitrosodimethylamine[N-]	0.35	mg/kg	U
Mesa top	21-11244	MD21-01-0126	9–10	Fill	Nitrosodiphenylamine[N-]	0.35	mg/kg	U
Mesa top	21-11244	MD21-01-0126	9–10	Fill	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	U
Mesa top	21-11244	MD21-01-0126	9–10	Fill	Pentachlorophenol	1.7	mg/kg	U
Mesa top	21-11244	MD21-01-0126	9–10	Fill	Phenol	0.35	mg/kg	U
Mesa top	21-11244	MD21-01-0126	9–10	Fill	Trichlorobenzene[1,2,4-]	0.35	mg/kg	U
Mesa top	21-11244	MD21-01-0126	9–10	Fill	Trichlorophenol[2,4,5-]	0.35	mg/kg	U
Mesa top	21-11244	MD21-01-0126	9–10	Fill	Trichlorophenol[2,4,6-]	0.35	mg/kg	U
Mesa top	21-11244	MD21-01-0126	9–10	Fill	Trimethylbenzene[1,2,4-]	0.0068	mg/kg	U
Mesa top	21-11244	MD21-01-0126	9–10	Fill	Trimethylbenzene[1,3,5-]	0.0068	mg/kg	U
Mesa top	21-11244	MD21-01-0127	104–104.5	Qbt 2	Aluminum	359	mg/kg	J
Mesa top	21-11244	MD21-01-0127	104–104.5	Qbt 2	Antimony	0.25	mg/kg	U
Mesa top	21-11244	MD21-01-0127	104–104.5	Qbt 2	Arsenic	1.4	mg/kg	None
Mesa top	21-11244	MD21-01-0127	104–104.5	Qbt 2	Barium	15.1	mg/kg	J
Mesa top	21-11244	MD21-01-0127	104–104.5	Qbt 2	Beryllium	0.57	mg/kg	None
Mesa top	21-11244	MD21-01-0127	104–104.5	Qbt 2	Cadmium	0.026	mg/kg	U
Mesa top	21-11244	MD21-01-0127	104–104.5	Qbt 2	Calcium	93.8	mg/kg	J
Mesa top	21-11244	MD21-01-0127	104–104.5	Qbt 2	Chromium, total	1.3	mg/kg	None
Mesa top	21-11244	MD21-01-0127	104–104.5	Qbt 2	Cobalt	0.68	mg/kg	J

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Mesa top	21-11244	MD21-01-0127	104–104.5	Qbt 2	Copper	1.2	mg/kg	J
Mesa top	21-11244	MD21-01-0127	104–104.5	Qbt 2	Iron	5890	mg/kg	None
Mesa top	21-11244	MD21-01-0127	104–104.5	Qbt 2	Magnesium	59.2	mg/kg	J
Mesa top	21-11244	MD21-01-0127	104–104.5	Qbt 2	Manganese	310	mg/kg	None
Mesa top	21-11244	MD21-01-0127	104–104.5	Qbt 2	Mercury	0.017	mg/kg	U
Mesa top	21-11244	MD21-01-0127	104–104.5	Qbt 2	Nickel	0.76	mg/kg	J
Mesa top	21-11244	MD21-01-0127	104–104.5	Qbt 2	Potassium	160	mg/kg	J
Mesa top	21-11244	MD21-01-0127	104–104.5	Qbt 2	Selenium	0.12	mg/kg	U
Mesa top	21-11244	MD21-01-0127	104–104.5	Qbt 2	Silver	0.43	mg/kg	U
Mesa top	21-11244	MD21-01-0127	104–104.5	Qbt 2	Sodium	61.5	mg/kg	U
Mesa top	21-11244	MD21-01-0127	104–104.5	Qbt 2	Thallium	0.13	mg/kg	U
Mesa top	21-11244	MD21-01-0127	104–104.5	Qbt 2	Vanadium	3.2	mg/kg	J
Mesa top	21-11244	MD21-01-0127	104–104.5	Qbt 2	Zinc	37.9	mg/kg	None
Mesa top	21-11244	MD21-01-0127	104–104.5	Qbt 2	Acenaphthylene	0.33	mg/kg	UJ
Mesa top	21-11244	MD21-01-0127	104–104.5	Qbt 2	Aniline	0.33	mg/kg	UJ
Mesa top	21-11244	MD21-01-0127	104–104.5	Qbt 2	Azobenzene	0.33	mg/kg	UJ
Mesa top	21-11244	MD21-01-0127	104–104.5	Qbt 2	Benzo(g,h,i)perylene	0.33	mg/kg	UJ
Mesa top	21-11244	MD21-01-0127	104–104.5	Qbt 2	Benzoic acid	1.6	mg/kg	UJ
Mesa top	21-11244	MD21-01-0127	104–104.5	Qbt 2	Benzyl alcohol	0.33	mg/kg	UJ
Mesa top	21-11244	MD21-01-0127	104–104.5	Qbt 2	Bis(2-chloroethoxy)methane	0.33	mg/kg	UJ
Mesa top	21-11244	MD21-01-0127	104–104.5	Qbt 2	Bis(2-chloroethyl)ether	0.33	mg/kg	UJ
Mesa top	21-11244	MD21-01-0127	104–104.5	Qbt 2	Bis(2-ethylhexyl)phthalate	0.33	mg/kg	UJ
Mesa top	21-11244	MD21-01-0127	104–104.5	Qbt 2	Bromophenyl-phenylether[4-]	0.33	mg/kg	UJ
Mesa top	21-11244	MD21-01-0127	104–104.5	Qbt 2	Butylbenzylphthalate	0.33	mg/kg	UJ
Mesa top	21-11244	MD21-01-0127	104–104.5	Qbt 2	Chloro-3-methylphenol[4-]	0.33	mg/kg	UJ
Mesa top	21-11244	MD21-01-0127	104–104.5	Qbt 2	Chloroaniline[4-]	0.33	mg/kg	UJ
Mesa top	21-11244	MD21-01-0127	104–104.5	Qbt 2	Chloronaphthalene[2-]	0.33	mg/kg	UJ
Mesa top	21-11244	MD21-01-0127	104–104.5	Qbt 2	Chlorophenol[2-]	0.33	mg/kg	UJ
Mesa top	21-11244	MD21-01-0127	104–104.5	Qbt 2	Chlorophenyl-phenyl[4-] ether	0.33	mg/kg	UJ
Mesa top	21-11244	MD21-01-0127	104–104.5	Qbt 2	Di-n-butylphthalate	0.33	mg/kg	UJ
Mesa top	21-11244	MD21-01-0127	104–104.5	Qbt 2	Di-n-octylphthalate	0.33	mg/kg	UJ
Mesa top	21-11244	MD21-01-0127	104–104.5	Qbt 2	Dibenzofuran	0.33	mg/kg	UJ
Mesa top	21-11244	MD21-01-0127	104–104.5	Qbt 2	Dichlorobenzene[1,2-]	0.33	mg/kg	UJ
Mesa top	21-11244	MD21-01-0127	104–104.5	Qbt 2	Dichlorobenzene[1,3-]	0.33	mg/kg	UJ
Mesa top	21-11244	MD21-01-0127	104–104.5	Qbt 2	Dichlorobenzene[1,4-]	0.33	mg/kg	UJ
Mesa top	21-11244	MD21-01-0127	104–104.5	Qbt 2	Dichlorobenzidine[3,3'-]	1.6	mg/kg	UJ
Mesa top	21-11244	MD21-01-0127	104–104.5	Qbt 2	Dichlorophenol[2,4-]	0.33	mg/kg	UJ
Mesa top	21-11244	MD21-01-0127	104–104.5	Qbt 2	Diethylphthalate	0.33	mg/kg	UJ
Mesa top	21-11244	MD21-01-0127	104–104.5	Qbt 2	Dimethyl phthalate	0.33	mg/kg	UJ

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Mesa top	21-11244	MD21-01-0127	104–104.5	Qbt 2	Dimethylphenol[2,4-]	0.33	mg/kg	UJ
Mesa top	21-11244	MD21-01-0127	104–104.5	Qbt 2	Dinitro-2-methylphenol[4,6-]	1.6	mg/kg	UJ
Mesa top	21-11244	MD21-01-0127	104–104.5	Qbt 2	Dinitrophenol[2,4-]	1.6	mg/kg	UJ
Mesa top	21-11244	MD21-01-0127	104–104.5	Qbt 2	Dinitrotoluene[2,4-]	0.33	mg/kg	UJ
Mesa top	21-11244	MD21-01-0127	104–104.5	Qbt 2	Dinitrotoluene[2,6-]	0.33	mg/kg	UJ
Mesa top	21-11244	MD21-01-0127	104–104.5	Qbt 2	Hexachlorobenzene	0.33	mg/kg	UJ
Mesa top	21-11244	MD21-01-0127	104–104.5	Qbt 2	Hexachlorobutadiene	0.33	mg/kg	UJ
Mesa top	21-11244	MD21-01-0127	104–104.5	Qbt 2	Hexachlorocyclopentadiene	1.6	mg/kg	UJ
Mesa top	21-11244	MD21-01-0127	104–104.5	Qbt 2	Hexachloroethane	0.33	mg/kg	UJ
Mesa top	21-11244	MD21-01-0127	104–104.5	Qbt 2	Indeno(1,2,3-cd)pyrene	0.33	mg/kg	UJ
Mesa top	21-11244	MD21-01-0127	104–104.5	Qbt 2	Isophorone	0.33	mg/kg	UJ
Mesa top	21-11244	MD21-01-0127	104–104.5	Qbt 2	Methylphenol[2-]	0.33	mg/kg	UJ
Mesa top	21-11244	MD21-01-0127	104–104.5	Qbt 2	Methylphenol[4-]	0.33	mg/kg	UJ
Mesa top	21-11244	MD21-01-0127	104–104.5	Qbt 2	Nitroaniline[2-]	1.6	mg/kg	UJ
Mesa top	21-11244	MD21-01-0127	104–104.5	Qbt 2	Nitroaniline[3-]	1.6	mg/kg	UJ
Mesa top	21-11244	MD21-01-0127	104–104.5	Qbt 2	Nitroaniline[4-]	1.6	mg/kg	UJ
Mesa top	21-11244	MD21-01-0127	104–104.5	Qbt 2	Nitrobenzene	0.33	mg/kg	UJ
Mesa top	21-11244	MD21-01-0127	104–104.5	Qbt 2	Nitrophenol[2-]	0.33	mg/kg	UJ
Mesa top	21-11244	MD21-01-0127	104–104.5	Qbt 2	Nitrophenol[4-]	1.6	mg/kg	UJ
Mesa top	21-11244	MD21-01-0127	104–104.5	Qbt 2	Nitroso-di-n-propylamine[N-]	0.33	mg/kg	UJ
Mesa top	21-11244	MD21-01-0127	104–104.5	Qbt 2	Nitrosodimethylamine[N-]	0.33	mg/kg	UJ
Mesa top	21-11244	MD21-01-0127	104–104.5	Qbt 2	Nitrosodiphenylamine[N-]	0.33	mg/kg	UJ
Mesa top	21-11244	MD21-01-0127	104–104.5	Qbt 2	Oxybis(1-chloropropane)[2,2'-]	0.33	mg/kg	UJ
Mesa top	21-11244	MD21-01-0127	104–104.5	Qbt 2	Pentachlorophenol	1.6	mg/kg	UJ
Mesa top	21-11244	MD21-01-0127	104–104.5	Qbt 2	Phenol	0.33	mg/kg	UJ
Mesa top	21-11244	MD21-01-0127	104–104.5	Qbt 2	Trichlorobenzene[1,2,4-]	0.33	mg/kg	UJ
Mesa top	21-11244	MD21-01-0127	104–104.5	Qbt 2	Trichlorophenol[2,4,5-]	0.33	mg/kg	UJ
Mesa top	21-11244	MD21-01-0127	104–104.5	Qbt 2	Trichlorophenol[2,4,6-]	0.33	mg/kg	UJ
Mesa top	21-11244	MD21-01-0127	104–104.5	Qbt 2	Trimethylbenzene[1,2,4-]	0.0067	mg/kg	U
Mesa top	21-11244	MD21-01-0127	104–104.5	Qbt 2	Trimethylbenzene[1,3,5-]	0.0067	mg/kg	U
Mesa top	21-11244	MD21-01-0128	39–40	Qbt 3	Aluminum	9790	mg/kg	J
Mesa top	21-11244	MD21-01-0128	39–40	Qbt 3	Antimony	0.29	mg/kg	U
Mesa top	21-11244	MD21-01-0128	39–40	Qbt 3	Arsenic	2.9	mg/kg	None
Mesa top	21-11244	MD21-01-0128	39–40	Qbt 3	Barium	53.9	mg/kg	None
Mesa top	21-11244	MD21-01-0128	39–40	Qbt 3	Beryllium	1.3	mg/kg	None
Mesa top	21-11244	MD21-01-0128	39–40	Qbt 3	Cadmium	0.03	mg/kg	U
Mesa top	21-11244	MD21-01-0128	39–40	Qbt 3	Calcium	1550	mg/kg	None
Mesa top	21-11244	MD21-01-0128	39–40	Qbt 3	Chromium, total	5.3	mg/kg	None
Mesa top	21-11244	MD21-01-0128	39–40	Qbt 3	Cobalt	1.6	mg/kg	J

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Mesa top	21-11244	MD21-01-0128	39–40	Qbt 3	Copper	6.4	mg/kg	None
Mesa top	21-11244	MD21-01-0128	39–40	Qbt 3	Iron	9770	mg/kg	None
Mesa top	21-11244	MD21-01-0128	39–40	Qbt 3	Magnesium	1410	mg/kg	None
Mesa top	21-11244	MD21-01-0128	39–40	Qbt 3	Manganese	276	mg/kg	None
Mesa top	21-11244	MD21-01-0128	39–40	Qbt 3	Mercury	0.019	mg/kg	U
Mesa top	21-11244	MD21-01-0128	39–40	Qbt 3	Nickel	5.5	mg/kg	None
Mesa top	21-11244	MD21-01-0128	39–40	Qbt 3	Potassium	1240	mg/kg	None
Mesa top	21-11244	MD21-01-0128	39–40	Qbt 3	Selenium	0.14	mg/kg	U
Mesa top	21-11244	MD21-01-0128	39–40	Qbt 3	Silver	0.48	mg/kg	U
Mesa top	21-11244	MD21-01-0128	39–40	Qbt 3	Sodium	368	mg/kg	J
Mesa top	21-11244	MD21-01-0128	39–40	Qbt 3	Thallium	0.18	mg/kg	J
Mesa top	21-11244	MD21-01-0128	39–40	Qbt 3	Vanadium	9.6	mg/kg	None
Mesa top	21-11244	MD21-01-0128	39–40	Qbt 3	Zinc	54.5	mg/kg	None
Mesa top	21-11244	MD21-01-0128	39–40	Qbt 3	Acenaphthylene	0.41	mg/kg	U
Mesa top	21-11244	MD21-01-0128	39–40	Qbt 3	Aniline	0.41	mg/kg	U
Mesa top	21-11244	MD21-01-0128	39–40	Qbt 3	Azobenzene	0.41	mg/kg	U
Mesa top	21-11244	MD21-01-0128	39–40	Qbt 3	Benzo(g,h,i)perylene	0.41	mg/kg	U
Mesa top	21-11244	MD21-01-0128	39–40	Qbt 3	Benzoic acid	2	mg/kg	U
Mesa top	21-11244	MD21-01-0128	39–40	Qbt 3	Benzyl alcohol	0.41	mg/kg	U
Mesa top	21-11244	MD21-01-0128	39–40	Qbt 3	Bis(2-chloroethoxy)methane	0.41	mg/kg	U
Mesa top	21-11244	MD21-01-0128	39–40	Qbt 3	Bis(2-chloroethyl)ether	0.41	mg/kg	U
Mesa top	21-11244	MD21-01-0128	39–40	Qbt 3	Bis(2-ethylhexyl)phthalate	0.41	mg/kg	U
Mesa top	21-11244	MD21-01-0128	39–40	Qbt 3	Bromophenyl-phenylether[4-]	0.41	mg/kg	U
Mesa top	21-11244	MD21-01-0128	39–40	Qbt 3	Butylbenzylphthalate	0.41	mg/kg	U
Mesa top	21-11244	MD21-01-0128	39–40	Qbt 3	Chloro-3-methylphenol[4-]	0.41	mg/kg	U
Mesa top	21-11244	MD21-01-0128	39–40	Qbt 3	Chloroaniline[4-]	0.41	mg/kg	U
Mesa top	21-11244	MD21-01-0128	39–40	Qbt 3	Chloronaphthalene[2-]	0.41	mg/kg	U
Mesa top	21-11244	MD21-01-0128	39–40	Qbt 3	Chlorophenol[2-]	0.41	mg/kg	U
Mesa top	21-11244	MD21-01-0128	39–40	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.41	mg/kg	U
Mesa top	21-11244	MD21-01-0128	39–40	Qbt 3	Di-n-butylphthalate	0.41	mg/kg	U
Mesa top	21-11244	MD21-01-0128	39–40	Qbt 3	Di-n-octylphthalate	0.41	mg/kg	U
Mesa top	21-11244	MD21-01-0128	39–40	Qbt 3	Dibenzofuran	0.41	mg/kg	U
Mesa top	21-11244	MD21-01-0128	39–40	Qbt 3	Dichlorobenzene[1,2-]	0.41	mg/kg	U
Mesa top	21-11244	MD21-01-0128	39–40	Qbt 3	Dichlorobenzene[1,3-]	0.41	mg/kg	U
Mesa top	21-11244	MD21-01-0128	39–40	Qbt 3	Dichlorobenzene[1,4-]	0.41	mg/kg	U
Mesa top	21-11244	MD21-01-0128	39–40	Qbt 3	Dichlorobenzidine[3,3'-]	2	mg/kg	U
Mesa top	21-11244	MD21-01-0128	39–40	Qbt 3	Dichlorophenol[2,4-]	0.41	mg/kg	U
Mesa top	21-11244	MD21-01-0128	39–40	Qbt 3	Diethylphthalate	0.41	mg/kg	U
Mesa top	21-11244	MD21-01-0128	39–40	Qbt 3	Dimethyl phthalate	0.41	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Mesa top	21-11244	MD21-01-0128	39–40	Qbt 3	Dimethylphenol[2,4-]	0.41	mg/kg	U
Mesa top	21-11244	MD21-01-0128	39–40	Qbt 3	Dinitro-2-methylphenol[4,6-]	2	mg/kg	U
Mesa top	21-11244	MD21-01-0128	39–40	Qbt 3	Dinitrophenol[2,4-]	2	mg/kg	U
Mesa top	21-11244	MD21-01-0128	39–40	Qbt 3	Dinitrotoluene[2,4-]	0.41	mg/kg	U
Mesa top	21-11244	MD21-01-0128	39–40	Qbt 3	Dinitrotoluene[2,6-]	0.41	mg/kg	U
Mesa top	21-11244	MD21-01-0128	39–40	Qbt 3	Hexachlorobenzene	0.41	mg/kg	U
Mesa top	21-11244	MD21-01-0128	39–40	Qbt 3	Hexachlorobutadiene	0.41	mg/kg	U
Mesa top	21-11244	MD21-01-0128	39–40	Qbt 3	Hexachlorocyclopentadiene	2	mg/kg	U
Mesa top	21-11244	MD21-01-0128	39–40	Qbt 3	Hexachloroethane	0.41	mg/kg	U
Mesa top	21-11244	MD21-01-0128	39–40	Qbt 3	Indeno(1,2,3-cd)pyrene	0.41	mg/kg	U
Mesa top	21-11244	MD21-01-0128	39–40	Qbt 3	Isophorone	0.41	mg/kg	U
Mesa top	21-11244	MD21-01-0128	39–40	Qbt 3	Methylphenol[2-]	0.41	mg/kg	U
Mesa top	21-11244	MD21-01-0128	39–40	Qbt 3	Methylphenol[4-]	0.41	mg/kg	U
Mesa top	21-11244	MD21-01-0128	39–40	Qbt 3	Nitroaniline[2-]	2	mg/kg	U
Mesa top	21-11244	MD21-01-0128	39–40	Qbt 3	Nitroaniline[3-]	2	mg/kg	U
Mesa top	21-11244	MD21-01-0128	39–40	Qbt 3	Nitroaniline[4-]	2	mg/kg	U
Mesa top	21-11244	MD21-01-0128	39–40	Qbt 3	Nitrobenzene	0.41	mg/kg	U
Mesa top	21-11244	MD21-01-0128	39–40	Qbt 3	Nitrophenol[2-]	0.41	mg/kg	U
Mesa top	21-11244	MD21-01-0128	39–40	Qbt 3	Nitrophenol[4-]	2	mg/kg	U
Mesa top	21-11244	MD21-01-0128	39–40	Qbt 3	Nitroso-di-n-propylamine[N-]	0.41	mg/kg	U
Mesa top	21-11244	MD21-01-0128	39–40	Qbt 3	Nitrosodimethylamine[N-]	0.41	mg/kg	U
Mesa top	21-11244	MD21-01-0128	39–40	Qbt 3	Nitrosodiphenylamine[N-]	0.41	mg/kg	U
Mesa top	21-11244	MD21-01-0128	39–40	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.41	mg/kg	U
Mesa top	21-11244	MD21-01-0128	39–40	Qbt 3	Pentachlorophenol	2	mg/kg	U
Mesa top	21-11244	MD21-01-0128	39–40	Qbt 3	Phenol	0.41	mg/kg	U
Mesa top	21-11244	MD21-01-0128	39–40	Qbt 3	Trichlorobenzene[1,2,4-]	0.41	mg/kg	U
Mesa top	21-11244	MD21-01-0128	39–40	Qbt 3	Trichlorophenol[2,4,5-]	0.41	mg/kg	U
Mesa top	21-11244	MD21-01-0128	39–40	Qbt 3	Trichlorophenol[2,4,6-]	0.41	mg/kg	U
Mesa top	21-11244	MD21-01-0128	39–40	Qbt 3	Trimethylbenzene[1,2,4-]	0.0071	mg/kg	U
Mesa top	21-11244	MD21-01-0128	39–40	Qbt 3	Trimethylbenzene[1,3,5-]	0.0071	mg/kg	U
Mesa top	21-11245	MD21-01-0129	34–35	Qbt 3	Aluminum	1160	mg/kg	J
Mesa top	21-11245	MD21-01-0129	34–35	Qbt 3	Antimony	0.26	mg/kg	U
Mesa top	21-11245	MD21-01-0129	34–35	Qbt 3	Arsenic	1.9	mg/kg	None
Mesa top	21-11245	MD21-01-0129	34–35	Qbt 3	Barium	26.1	mg/kg	None
Mesa top	21-11245	MD21-01-0129	34–35	Qbt 3	Beryllium	0.91	mg/kg	None
Mesa top	21-11245	MD21-01-0129	34–35	Qbt 3	Cadmium	0.027	mg/kg	U
Mesa top	21-11245	MD21-01-0129	34–35	Qbt 3	Calcium	372	mg/kg	J
Mesa top	21-11245	MD21-01-0129	34–35	Qbt 3	Chromium, total	0.66	mg/kg	J
Mesa top	21-11245	MD21-01-0129	34–35	Qbt 3	Cobalt	0.65	mg/kg	J

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Mesa top	21-11245	MD21-01-0129	34–35	Qbt 3	Copper	1.7	mg/kg	J
Mesa top	21-11245	MD21-01-0129	34–35	Qbt 3	Iron	7090	mg/kg	None
Mesa top	21-11245	MD21-01-0129	34–35	Qbt 3	Magnesium	192	mg/kg	J
Mesa top	21-11245	MD21-01-0129	34–35	Qbt 3	Manganese	424	mg/kg	None
Mesa top	21-11245	MD21-01-0129	34–35	Qbt 3	Mercury	0.018	mg/kg	U
Mesa top	21-11245	MD21-01-0129	34–35	Qbt 3	Nickel	0.75	mg/kg	J
Mesa top	21-11245	MD21-01-0129	34–35	Qbt 3	Potassium	274	mg/kg	J
Mesa top	21-11245	MD21-01-0129	34–35	Qbt 3	Selenium	0.13	mg/kg	U
Mesa top	21-11245	MD21-01-0129	34–35	Qbt 3	Silver	0.44	mg/kg	U
Mesa top	21-11245	MD21-01-0129	34–35	Qbt 3	Sodium	122	mg/kg	U
Mesa top	21-11245	MD21-01-0129	34–35	Qbt 3	Thallium	0.14	mg/kg	U
Mesa top	21-11245	MD21-01-0129	34–35	Qbt 3	Vanadium	4.3	mg/kg	J
Mesa top	21-11245	MD21-01-0129	34–35	Qbt 3	Zinc	27.3	mg/kg	None
Mesa top	21-11245	MD21-01-0129	34–35	Qbt 3	Acenaphthylene	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0129	34–35	Qbt 3	Aniline	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0129	34–35	Qbt 3	Azobenzene	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0129	34–35	Qbt 3	Benzo(g,h,i)perylene	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0129	34–35	Qbt 3	Benzoic acid	1.7	mg/kg	U
Mesa top	21-11245	MD21-01-0129	34–35	Qbt 3	Benzyl alcohol	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0129	34–35	Qbt 3	Bis(2-chloroethoxy)methane	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0129	34–35	Qbt 3	Bis(2-chloroethyl)ether	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0129	34–35	Qbt 3	Bis(2-ethylhexyl)phthalate	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0129	34–35	Qbt 3	Bromophenyl-phenylether[4-]	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0129	34–35	Qbt 3	Butylbenzylphthalate	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0129	34–35	Qbt 3	Chloro-3-methylphenol[4-]	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0129	34–35	Qbt 3	Chloroaniline[4-]	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0129	34–35	Qbt 3	Chloronaphthalene[2-]	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0129	34–35	Qbt 3	Chlorophenol[2-]	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0129	34–35	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0129	34–35	Qbt 3	Di-n-butylphthalate	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0129	34–35	Qbt 3	Di-n-octylphthalate	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0129	34–35	Qbt 3	Dibenzofuran	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0129	34–35	Qbt 3	Dichlorobenzene[1,2-]	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0129	34–35	Qbt 3	Dichlorobenzene[1,3-]	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0129	34–35	Qbt 3	Dichlorobenzene[1,4-]	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0129	34–35	Qbt 3	Dichlorobenzidine[3,3'-]	1.7	mg/kg	U
Mesa top	21-11245	MD21-01-0129	34–35	Qbt 3	Dichlorophenol[2,4-]	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0129	34–35	Qbt 3	Diethylphthalate	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0129	34–35	Qbt 3	Dimethyl phthalate	0.35	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Mesa top	21-11245	MD21-01-0129	34–35	Qbt 3	Dimethylphenol[2,4-]	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0129	34–35	Qbt 3	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
Mesa top	21-11245	MD21-01-0129	34–35	Qbt 3	Dinitrophenol[2,4-]	1.7	mg/kg	U
Mesa top	21-11245	MD21-01-0129	34–35	Qbt 3	Dinitrotoluene[2,4-]	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0129	34–35	Qbt 3	Dinitrotoluene[2,6-]	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0129	34–35	Qbt 3	Hexachlorobenzene	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0129	34–35	Qbt 3	Hexachlorobutadiene	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0129	34–35	Qbt 3	Hexachlorocyclopentadiene	1.7	mg/kg	U
Mesa top	21-11245	MD21-01-0129	34–35	Qbt 3	Hexachloroethane	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0129	34–35	Qbt 3	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0129	34–35	Qbt 3	Isophorone	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0129	34–35	Qbt 3	Methylphenol[2-]	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0129	34–35	Qbt 3	Methylphenol[4-]	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0129	34–35	Qbt 3	Nitroaniline[2-]	1.7	mg/kg	U
Mesa top	21-11245	MD21-01-0129	34–35	Qbt 3	Nitroaniline[3-]	1.7	mg/kg	U
Mesa top	21-11245	MD21-01-0129	34–35	Qbt 3	Nitroaniline[4-]	1.7	mg/kg	U
Mesa top	21-11245	MD21-01-0129	34–35	Qbt 3	Nitrobenzene	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0129	34–35	Qbt 3	Nitrophenol[2-]	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0129	34–35	Qbt 3	Nitrophenol[4-]	1.7	mg/kg	U
Mesa top	21-11245	MD21-01-0129	34–35	Qbt 3	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0129	34–35	Qbt 3	Nitrosodimethylamine[N-]	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0129	34–35	Qbt 3	Nitrosodiphenylamine[N-]	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0129	34–35	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0129	34–35	Qbt 3	Pentachlorophenol	1.7	mg/kg	U
Mesa top	21-11245	MD21-01-0129	34–35	Qbt 3	Phenol	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0129	34–35	Qbt 3	Trichlorobenzene[1,2,4-]	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0129	34–35	Qbt 3	Trichlorophenol[2,4,5-]	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0129	34–35	Qbt 3	Trichlorophenol[2,4,6-]	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0129	34–35	Qbt 3	Trimethylbenzene[1,2,4-]	0.0061	mg/kg	U
Mesa top	21-11245	MD21-01-0129	34–35	Qbt 3	Trimethylbenzene[1,3,5-]	0.0061	mg/kg	U
Mesa top	21-11245	MD21-01-0130	64–65	Qbt 3	Aluminum	1050	mg/kg	J
Mesa top	21-11245	MD21-01-0130	64–65	Qbt 3	Antimony	0.26	mg/kg	U
Mesa top	21-11245	MD21-01-0130	64–65	Qbt 3	Arsenic	1.2	mg/kg	None
Mesa top	21-11245	MD21-01-0130	64–65	Qbt 3	Barium	16.6	mg/kg	J
Mesa top	21-11245	MD21-01-0130	64–65	Qbt 3	Beryllium	0.5	mg/kg	J
Mesa top	21-11245	MD21-01-0130	64–65	Qbt 3	Cadmium	0.027	mg/kg	U
Mesa top	21-11245	MD21-01-0130	64–65	Qbt 3	Calcium	307	mg/kg	J
Mesa top	21-11245	MD21-01-0130	64–65	Qbt 3	Chromium, total	2	mg/kg	None
Mesa top	21-11245	MD21-01-0130	64–65	Qbt 3	Cobalt	0.53	mg/kg	J

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Mesa top	21-11245	MD21-01-0130	64–65	Qbt 3	Copper	1.1	mg/kg	J
Mesa top	21-11245	MD21-01-0130	64–65	Qbt 3	Iron	4860	mg/kg	None
Mesa top	21-11245	MD21-01-0130	64–65	Qbt 3	Magnesium	158	mg/kg	J
Mesa top	21-11245	MD21-01-0130	64–65	Qbt 3	Manganese	294	mg/kg	None
Mesa top	21-11245	MD21-01-0130	64–65	Qbt 3	Mercury	0.018	mg/kg	UJ
Mesa top	21-11245	MD21-01-0130	64–65	Qbt 3	Nickel	1.5	mg/kg	J
Mesa top	21-11245	MD21-01-0130	64–65	Qbt 3	Potassium	281	mg/kg	J
Mesa top	21-11245	MD21-01-0130	64–65	Qbt 3	Selenium	0.13	mg/kg	U
Mesa top	21-11245	MD21-01-0130	64–65	Qbt 3	Silver	0.44	mg/kg	U
Mesa top	21-11245	MD21-01-0130	64–65	Qbt 3	Sodium	69.2	mg/kg	U
Mesa top	21-11245	MD21-01-0130	64–65	Qbt 3	Thallium	0.14	mg/kg	U
Mesa top	21-11245	MD21-01-0130	64–65	Qbt 3	Vanadium	2	mg/kg	J
Mesa top	21-11245	MD21-01-0130	64–65	Qbt 3	Zinc	34.3	mg/kg	None
Mesa top	21-11245	MD21-01-0130	64–65	Qbt 3	Acenaphthylene	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0130	64–65	Qbt 3	Aniline	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0130	64–65	Qbt 3	Azobenzene	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0130	64–65	Qbt 3	Benzo(g,h,i)perylene	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0130	64–65	Qbt 3	Benzoic acid	1.7	mg/kg	U
Mesa top	21-11245	MD21-01-0130	64–65	Qbt 3	Benzyl alcohol	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0130	64–65	Qbt 3	Bis(2-chloroethoxy)methane	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0130	64–65	Qbt 3	Bis(2-chloroethyl)ether	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0130	64–65	Qbt 3	Bis(2-ethylhexyl)phthalate	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0130	64–65	Qbt 3	Bromophenyl-phenylether[4-]	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0130	64–65	Qbt 3	Butylbenzylphthalate	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0130	64–65	Qbt 3	Chloro-3-methylphenol[4-]	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0130	64–65	Qbt 3	Chloroaniline[4-]	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0130	64–65	Qbt 3	Chloronaphthalene[2-]	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0130	64–65	Qbt 3	Chlorophenol[2-]	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0130	64–65	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0130	64–65	Qbt 3	Di-n-butylphthalate	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0130	64–65	Qbt 3	Di-n-octylphthalate	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0130	64–65	Qbt 3	Dibenzofuran	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0130	64–65	Qbt 3	Dichlorobenzene[1,2-]	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0130	64–65	Qbt 3	Dichlorobenzene[1,3-]	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0130	64–65	Qbt 3	Dichlorobenzene[1,4-]	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0130	64–65	Qbt 3	Dichlorobenzidine[3,3'-]	1.7	mg/kg	U
Mesa top	21-11245	MD21-01-0130	64–65	Qbt 3	Dichlorophenol[2,4-]	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0130	64–65	Qbt 3	Diethylphthalate	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0130	64–65	Qbt 3	Dimethyl phthalate	0.35	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Mesa top	21-11245	MD21-01-0130	64–65	Qbt 3	Dimethylphenol[2,4-]	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0130	64–65	Qbt 3	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
Mesa top	21-11245	MD21-01-0130	64–65	Qbt 3	Dinitrophenol[2,4-]	1.7	mg/kg	U
Mesa top	21-11245	MD21-01-0130	64–65	Qbt 3	Dinitrotoluene[2,4-]	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0130	64–65	Qbt 3	Dinitrotoluene[2,6-]	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0130	64–65	Qbt 3	Hexachlorobenzene	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0130	64–65	Qbt 3	Hexachlorobutadiene	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0130	64–65	Qbt 3	Hexachlorocyclopentadiene	1.7	mg/kg	U
Mesa top	21-11245	MD21-01-0130	64–65	Qbt 3	Hexachloroethane	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0130	64–65	Qbt 3	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0130	64–65	Qbt 3	Isophorone	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0130	64–65	Qbt 3	Methylphenol[2-]	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0130	64–65	Qbt 3	Methylphenol[4-]	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0130	64–65	Qbt 3	Nitroaniline[2-]	1.7	mg/kg	U
Mesa top	21-11245	MD21-01-0130	64–65	Qbt 3	Nitroaniline[3-]	1.7	mg/kg	U
Mesa top	21-11245	MD21-01-0130	64–65	Qbt 3	Nitroaniline[4-]	1.7	mg/kg	U
Mesa top	21-11245	MD21-01-0130	64–65	Qbt 3	Nitrobenzene	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0130	64–65	Qbt 3	Nitrophenol[2-]	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0130	64–65	Qbt 3	Nitrophenol[4-]	1.7	mg/kg	U
Mesa top	21-11245	MD21-01-0130	64–65	Qbt 3	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0130	64–65	Qbt 3	Nitrosodimethylamine[N-]	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0130	64–65	Qbt 3	Nitrosodiphenylamine[N-]	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0130	64–65	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0130	64–65	Qbt 3	Pentachlorophenol	1.7	mg/kg	U
Mesa top	21-11245	MD21-01-0130	64–65	Qbt 3	Phenol	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0130	64–65	Qbt 3	Trichlorobenzene[1,2,4-]	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0130	64–65	Qbt 3	Trichlorophenol[2,4,5-]	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0130	64–65	Qbt 3	Trichlorophenol[2,4,6-]	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0130	64–65	Qbt 3	Trimethylbenzene[1,2,4-]	0.0061	mg/kg	U
Mesa top	21-11245	MD21-01-0130	64–65	Qbt 3	Trimethylbenzene[1,3,5-]	0.0061	mg/kg	U
Mesa top	21-11245	MD21-01-0131	69–70	Qbt 3	Aluminum	262	mg/kg	J
Mesa top	21-11245	MD21-01-0131	69–70	Qbt 3	Antimony	0.26	mg/kg	U
Mesa top	21-11245	MD21-01-0131	69–70	Qbt 3	Arsenic	0.82	mg/kg	J
Mesa top	21-11245	MD21-01-0131	69–70	Qbt 3	Barium	9.7	mg/kg	J
Mesa top	21-11245	MD21-01-0131	69–70	Qbt 3	Beryllium	0.43	mg/kg	J
Mesa top	21-11245	MD21-01-0131	69–70	Qbt 3	Cadmium	0.027	mg/kg	U
Mesa top	21-11245	MD21-01-0131	69–70	Qbt 3	Calcium	155	mg/kg	J
Mesa top	21-11245	MD21-01-0131	69–70	Qbt 3	Chromium, total	0.43	mg/kg	J
Mesa top	21-11245	MD21-01-0131	69–70	Qbt 3	Cobalt	0.34	mg/kg	J

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Mesa top	21-11245	MD21-01-0131	69–70	Qbt 3	Copper	0.68	mg/kg	J .
Mesa top	21-11245	MD21-01-0131	69–70	Qbt 3	Iron	3660	mg/kg	None
Mesa top	21-11245	MD21-01-0131	69–70	Qbt 3	Magnesium	49.2	mg/kg	J
Mesa top	21-11245	MD21-01-0131	69–70	Qbt 3	Manganese	241	mg/kg	None
Mesa top	21-11245	MD21-01-0131	69–70	Qbt 3	Mercury	0.025	mg/kg	J-
Mesa top	21-11245	MD21-01-0131	69–70	Qbt 3	Nickel	0.3	mg/kg	U
Mesa top	21-11245	MD21-01-0131	69–70	Qbt 3	Potassium	128	mg/kg	U
Mesa top	21-11245	MD21-01-0131	69–70	Qbt 3	Selenium	0.13	mg/kg	U
Mesa top	21-11245	MD21-01-0131	69–70	Qbt 3	Silver	0.44	mg/kg	U
Mesa top	21-11245	MD21-01-0131	69–70	Qbt 3	Sodium	79.2	mg/kg	U
Mesa top	21-11245	MD21-01-0131	69–70	Qbt 3	Thallium	0.14	mg/kg	U
Mesa top	21-11245	MD21-01-0131	69–70	Qbt 3	Vanadium	1.1	mg/kg	J
Mesa top	21-11245	MD21-01-0131	69–70	Qbt 3	Zinc	26.3	mg/kg	None
Mesa top	21-11245	MD21-01-0131	69–70	Qbt 3	Acenaphthylene	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0131	69–70	Qbt 3	Aniline	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0131	69–70	Qbt 3	Azobenzene	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0131	69–70	Qbt 3	Benzo(g,h,i)perylene	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0131	69–70	Qbt 3	Benzoic acid	1.7	mg/kg	U
Mesa top	21-11245	MD21-01-0131	69–70	Qbt 3	Benzyl alcohol	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0131	69–70	Qbt 3	Bis(2-chloroethoxy)methane	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0131	69–70	Qbt 3	Bis(2-chloroethyl)ether	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0131	69–70	Qbt 3	Bis(2-ethylhexyl)phthalate	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0131	69–70	Qbt 3	Bromophenyl-phenylether[4-]	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0131	69–70	Qbt 3	Butylbenzylphthalate	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0131	69–70	Qbt 3	Chloro-3-methylphenol[4-]	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0131	69–70	Qbt 3	Chloroaniline[4-]	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0131	69–70	Qbt 3	Chloronaphthalene[2-]	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0131	69–70	Qbt 3	Chlorophenol[2-]	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0131	69–70	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0131	69–70	Qbt 3	Di-n-butylphthalate	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0131	69–70	Qbt 3	Di-n-octylphthalate	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0131	69–70	Qbt 3	Dibenzofuran	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0131	69–70	Qbt 3	Dichlorobenzene[1,2-]	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0131	69–70	Qbt 3	Dichlorobenzene[1,3-]	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0131	69–70	Qbt 3	Dichlorobenzene[1,4-]	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0131	69–70	Qbt 3	Dichlorobenzidine[3,3'-]	1.7	mg/kg	U
Mesa top	21-11245	MD21-01-0131	69–70	Qbt 3	Dichlorophenol[2,4-]	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0131	69–70	Qbt 3	Diethylphthalate	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0131	69–70	Qbt 3	Dimethyl phthalate	0.35	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Mesa top	21-11245	MD21-01-0131	69–70	Qbt 3	Dimethylphenol[2,4-]	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0131	69–70	Qbt 3	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
Mesa top	21-11245	MD21-01-0131	69–70	Qbt 3	Dinitrophenol[2,4-]	1.7	mg/kg	U
Mesa top	21-11245	MD21-01-0131	69–70	Qbt 3	Dinitrotoluene[2,4-]	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0131	69–70	Qbt 3	Dinitrotoluene[2,6-]	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0131	69–70	Qbt 3	Hexachlorobenzene	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0131	69–70	Qbt 3	Hexachlorobutadiene	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0131	69–70	Qbt 3	Hexachlorocyclopentadiene	1.7	mg/kg	U
Mesa top	21-11245	MD21-01-0131	69–70	Qbt 3	Hexachloroethane	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0131	69–70	Qbt 3	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0131	69–70	Qbt 3	Isophorone	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0131	69–70	Qbt 3	Methylphenol[2-]	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0131	69–70	Qbt 3	Methylphenol[4-]	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0131	69–70	Qbt 3	Nitroaniline[2-]	1.7	mg/kg	U
Mesa top	21-11245	MD21-01-0131	69–70	Qbt 3	Nitroaniline[3-]	1.7	mg/kg	U
Mesa top	21-11245	MD21-01-0131	69–70	Qbt 3	Nitroaniline[4-]	1.7	mg/kg	U
Mesa top	21-11245	MD21-01-0131	69–70	Qbt 3	Nitrobenzene	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0131	69–70	Qbt 3	Nitrophenol[2-]	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0131	69–70	Qbt 3	Nitrophenol[4-]	1.7	mg/kg	U
Mesa top	21-11245	MD21-01-0131	69–70	Qbt 3	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0131	69–70	Qbt 3	Nitrosodimethylamine[N-]	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0131	69–70	Qbt 3	Nitrosodiphenylamine[N-]	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0131	69–70	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0131	69–70	Qbt 3	Pentachlorophenol	1.7	mg/kg	U
Mesa top	21-11245	MD21-01-0131	69–70	Qbt 3	Phenol	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0131	69–70	Qbt 3	Trichlorobenzene[1,2,4-]	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0131	69–70	Qbt 3	Trichlorophenol[2,4,5-]	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0131	69–70	Qbt 3	Trichlorophenol[2,4,6-]	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0131	69–70	Qbt 3	Trimethylbenzene[1,2,4-]	0.0059	mg/kg	U
Mesa top	21-11245	MD21-01-0131	69–70	Qbt 3	Trimethylbenzene[1,3,5-]	0.0059	mg/kg	U
Mesa top	21-11245	MD21-01-0132	79–80	Qbt 3	Aluminum	236	mg/kg	J
Mesa top	21-11245	MD21-01-0132	79–80	Qbt 3	Antimony	0.26	mg/kg	U
Mesa top	21-11245	MD21-01-0132	79–80	Qbt 3	Arsenic	1	mg/kg	J
Mesa top	21-11245	MD21-01-0132	79–80	Qbt 3	Barium	11.2	mg/kg	J
Mesa top	21-11245	MD21-01-0132	79–80	Qbt 3	Beryllium	0.6	mg/kg	None
Mesa top	21-11245	MD21-01-0132	79–80	Qbt 3	Cadmium	0.027	mg/kg	U
Mesa top	21-11245	MD21-01-0132	79–80	Qbt 3	Calcium	211	mg/kg	J
Mesa top	21-11245	MD21-01-0132	79–80	Qbt 3	Chromium, total	0.48	mg/kg	J
Mesa top	21-11245	MD21-01-0132	79–80	Qbt 3	Cobalt	0.38	mg/kg	J

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Mesa top	21-11245	MD21-01-0132	79–80	Qbt 3	Copper	0.8	mg/kg	J
Mesa top	21-11245	MD21-01-0132	79–80	Qbt 3	Iron	3960	mg/kg	None
Mesa top	21-11245	MD21-01-0132	79–80	Qbt 3	Magnesium	56.7	mg/kg	J
Mesa top	21-11245	MD21-01-0132	79–80	Qbt 3	Manganese	268	mg/kg	None
Mesa top	21-11245	MD21-01-0132	79–80	Qbt 3	Mercury	0.037	mg/kg	J-
Mesa top	21-11245	MD21-01-0132	79–80	Qbt 3	Nickel	0.32	mg/kg	U
Mesa top	21-11245	MD21-01-0132	79–80	Qbt 3	Potassium	273	mg/kg	J
Mesa top	21-11245	MD21-01-0132	79–80	Qbt 3	Selenium	0.13	mg/kg	U
Mesa top	21-11245	MD21-01-0132	79–80	Qbt 3	Silver	0.44	mg/kg	U
Mesa top	21-11245	MD21-01-0132	79–80	Qbt 3	Sodium	74.6	mg/kg	U
Mesa top	21-11245	MD21-01-0132	79–80	Qbt 3	Thallium	0.14	mg/kg	U
Mesa top	21-11245	MD21-01-0132	79–80	Qbt 3	Vanadium	1.3	mg/kg	J
Mesa top	21-11245	MD21-01-0132	79–80	Qbt 3	Zinc	26.1	mg/kg	None
Mesa top	21-11245	MD21-01-0132	79–80	Qbt 3	Acenaphthylene	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0132	79–80	Qbt 3	Aniline	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0132	79–80	Qbt 3	Azobenzene	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0132	79–80	Qbt 3	Benzo(g,h,i)perylene	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0132	79–80	Qbt 3	Benzoic acid	1.7	mg/kg	U
Mesa top	21-11245	MD21-01-0132	79–80	Qbt 3	Benzyl alcohol	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0132	79–80	Qbt 3	Bis(2-chloroethoxy)methane	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0132	79–80	Qbt 3	Bis(2-chloroethyl)ether	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0132	79–80	Qbt 3	Bis(2-ethylhexyl)phthalate	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0132	79–80	Qbt 3	Bromophenyl-phenylether[4-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0132	79–80	Qbt 3	Butylbenzylphthalate	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0132	79–80	Qbt 3	Chloro-3-methylphenol[4-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0132	79–80	Qbt 3	Chloroaniline[4-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0132	79–80	Qbt 3	Chloronaphthalene[2-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0132	79–80	Qbt 3	Chlorophenol[2-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0132	79–80	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0132	79–80	Qbt 3	Di-n-butylphthalate	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0132	79–80	Qbt 3	Di-n-octylphthalate	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0132	79–80	Qbt 3	Dibenzofuran	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0132	79–80	Qbt 3	Dichlorobenzene[1,2-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0132	79–80	Qbt 3	Dichlorobenzene[1,3-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0132	79–80	Qbt 3	Dichlorobenzene[1,4-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0132	79–80	Qbt 3	Dichlorobenzidine[3,3'-]	1.7	mg/kg	U
Mesa top	21-11245	MD21-01-0132	79–80	Qbt 3	Dichlorophenol[2,4-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0132	79–80	Qbt 3	Diethylphthalate	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0132	79–80	Qbt 3	Dimethyl phthalate	0.34	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Mesa top	21-11245	MD21-01-0132	79–80	Qbt 3	Dimethylphenol[2,4-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0132	79–80	Qbt 3	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
Mesa top	21-11245	MD21-01-0132	79–80	Qbt 3	Dinitrophenol[2,4-]	1.7	mg/kg	U
Mesa top	21-11245	MD21-01-0132	79–80	Qbt 3	Dinitrotoluene[2,4-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0132	79–80	Qbt 3	Dinitrotoluene[2,6-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0132	79–80	Qbt 3	Hexachlorobenzene	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0132	79–80	Qbt 3	Hexachlorobutadiene	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0132	79–80	Qbt 3	Hexachlorocyclopentadiene	1.7	mg/kg	U
Mesa top	21-11245	MD21-01-0132	79–80	Qbt 3	Hexachloroethane	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0132	79–80	Qbt 3	Indeno(1,2,3-cd)pyrene	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0132	79–80	Qbt 3	Isophorone	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0132	79–80	Qbt 3	Methylphenol[2-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0132	79–80	Qbt 3	Methylphenol[4-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0132	79–80	Qbt 3	Nitroaniline[2-]	1.7	mg/kg	U
Mesa top	21-11245	MD21-01-0132	79–80	Qbt 3	Nitroaniline[3-]	1.7	mg/kg	U
Mesa top	21-11245	MD21-01-0132	79–80	Qbt 3	Nitroaniline[4-]	1.7	mg/kg	U
Mesa top	21-11245	MD21-01-0132	79–80	Qbt 3	Nitrobenzene	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0132	79–80	Qbt 3	Nitrophenol[2-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0132	79–80	Qbt 3	Nitrophenol[4-]	1.7	mg/kg	U
Mesa top	21-11245	MD21-01-0132	79–80	Qbt 3	Nitroso-di-n-propylamine[N-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0132	79–80	Qbt 3	Nitrosodimethylamine[N-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0132	79–80	Qbt 3	Nitrosodiphenylamine[N-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0132	79–80	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0132	79–80	Qbt 3	Pentachlorophenol	1.7	mg/kg	U
Mesa top	21-11245	MD21-01-0132	79–80	Qbt 3	Phenol	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0132	79–80	Qbt 3	Trichlorobenzene[1,2,4-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0132	79–80	Qbt 3	Trichlorophenol[2,4,5-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0132	79–80	Qbt 3	Trichlorophenol[2,4,6-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0132	79–80	Qbt 3	Trimethylbenzene[1,2,4-]	0.0058	mg/kg	U
Mesa top	21-11245	MD21-01-0132	79–80	Qbt 3	Trimethylbenzene[1,3,5-]	0.0058	mg/kg	U
Mesa top	21-11245	MD21-01-0133	84–85	Qbt 3	Aluminum	232	mg/kg	J
Mesa top	21-11245	MD21-01-0133	84–85	Qbt 3	Antimony	0.26	mg/kg	U
Mesa top	21-11245	MD21-01-0133	84–85	Qbt 3	Arsenic	0.86	mg/kg	J
Mesa top	21-11245	MD21-01-0133	84–85	Qbt 3	Barium	9.6	mg/kg	J
Mesa top	21-11245	MD21-01-0133	84–85	Qbt 3	Beryllium	0.5	mg/kg	J
Mesa top	21-11245	MD21-01-0133	84–85	Qbt 3	Cadmium	0.027	mg/kg	U
Mesa top	21-11245	MD21-01-0133	84–85	Qbt 3	Calcium	200	mg/kg	J
Mesa top	21-11245	MD21-01-0133	84–85	Qbt 3	Chromium, total	0.34	mg/kg	J
Mesa top	21-11245	MD21-01-0133	84–85	Qbt 3	Cobalt	0.35	mg/kg	J

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Mesa top	21-11245	MD21-01-0133	84–85	Qbt 3	Copper	0.77	mg/kg	J
Mesa top	21-11245	MD21-01-0133	84–85	Qbt 3	Iron	3640	mg/kg	None
Mesa top	21-11245	MD21-01-0133	84–85	Qbt 3	Magnesium	53.4	mg/kg	J
Mesa top	21-11245	MD21-01-0133	84–85	Qbt 3	Manganese	226	mg/kg	None
Mesa top	21-11245	MD21-01-0133	84–85	Qbt 3	Mercury	0.033	mg/kg	J-
Mesa top	21-11245	MD21-01-0133	84–85	Qbt 3	Nickel	0.35	mg/kg	U
Mesa top	21-11245	MD21-01-0133	84–85	Qbt 3	Potassium	153	mg/kg	J
Mesa top	21-11245	MD21-01-0133	84–85	Qbt 3	Selenium	0.13	mg/kg	U
Mesa top	21-11245	MD21-01-0133	84–85	Qbt 3	Silver	0.44	mg/kg	U
Mesa top	21-11245	MD21-01-0133	84–85	Qbt 3	Sodium	67.4	mg/kg	U
Mesa top	21-11245	MD21-01-0133	84–85	Qbt 3	Thallium	0.14	mg/kg	U
Mesa top	21-11245	MD21-01-0133	84–85	Qbt 3	Vanadium	1	mg/kg	J
Mesa top	21-11245	MD21-01-0133	84–85	Qbt 3	Zinc	23.7	mg/kg	None
Mesa top	21-11245	MD21-01-0133	84–85	Qbt 3	Acenaphthylene	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0133	84–85	Qbt 3	Aniline	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0133	84–85	Qbt 3	Azobenzene	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0133	84–85	Qbt 3	Benzo(g,h,i)perylene	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0133	84–85	Qbt 3	Benzoic acid	1.7	mg/kg	U
Mesa top	21-11245	MD21-01-0133	84–85	Qbt 3	Benzyl alcohol	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0133	84–85	Qbt 3	Bis(2-chloroethoxy)methane	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0133	84–85	Qbt 3	Bis(2-chloroethyl)ether	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0133	84–85	Qbt 3	Bis(2-ethylhexyl)phthalate	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0133	84–85	Qbt 3	Bromophenyl-phenylether[4-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0133	84–85	Qbt 3	Butylbenzylphthalate	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0133	84–85	Qbt 3	Chloro-3-methylphenol[4-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0133	84–85	Qbt 3	Chloroaniline[4-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0133	84–85	Qbt 3	Chloronaphthalene[2-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0133	84–85	Qbt 3	Chlorophenol[2-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0133	84–85	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0133	84–85	Qbt 3	Di-n-butylphthalate	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0133	84–85	Qbt 3	Di-n-octylphthalate	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0133	84–85	Qbt 3	Dibenzofuran	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0133	84–85	Qbt 3	Dichlorobenzene[1,2-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0133	84–85	Qbt 3	Dichlorobenzene[1,3-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0133	84–85	Qbt 3	Dichlorobenzene[1,4-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0133	84–85	Qbt 3	Dichlorobenzidine[3,3'-]	1.7	mg/kg	U
Mesa top	21-11245	MD21-01-0133	84–85	Qbt 3	Dichlorophenol[2,4-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0133	84–85	Qbt 3	Diethylphthalate	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0133	84–85	Qbt 3	Dimethyl phthalate	0.34	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Mesa top	21-11245	MD21-01-0133	84–85	Qbt 3	Dimethylphenol[2,4-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0133	84–85	Qbt 3	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
Mesa top	21-11245	MD21-01-0133	84–85	Qbt 3	Dinitrophenol[2,4-]	1.7	mg/kg	U
Mesa top	21-11245	MD21-01-0133	84–85	Qbt 3	Dinitrotoluene[2,4-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0133	84–85	Qbt 3	Dinitrotoluene[2,6-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0133	84–85	Qbt 3	Hexachlorobenzene	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0133	84–85	Qbt 3	Hexachlorobutadiene	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0133	84–85	Qbt 3	Hexachlorocyclopentadiene	1.7	mg/kg	U
Mesa top	21-11245	MD21-01-0133	84–85	Qbt 3	Hexachloroethane	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0133	84–85	Qbt 3	Indeno(1,2,3-cd)pyrene	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0133	84–85	Qbt 3	Isophorone	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0133	84–85	Qbt 3	Methylphenol[2-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0133	84–85	Qbt 3	Methylphenol[4-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0133	84–85	Qbt 3	Nitroaniline[2-]	1.7	mg/kg	U
Mesa top	21-11245	MD21-01-0133	84–85	Qbt 3	Nitroaniline[3-]	1.7	mg/kg	U
Mesa top	21-11245	MD21-01-0133	84–85	Qbt 3	Nitroaniline[4-]	1.7	mg/kg	U
Mesa top	21-11245	MD21-01-0133	84–85	Qbt 3	Nitrobenzene	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0133	84–85	Qbt 3	Nitrophenol[2-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0133	84–85	Qbt 3	Nitrophenol[4-]	1.7	mg/kg	U
Mesa top	21-11245	MD21-01-0133	84–85	Qbt 3	Nitroso-di-n-propylamine[N-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0133	84–85	Qbt 3	Nitrosodimethylamine[N-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0133	84–85	Qbt 3	Nitrosodiphenylamine[N-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0133	84–85	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0133	84–85	Qbt 3	Pentachlorophenol	1.7	mg/kg	U
Mesa top	21-11245	MD21-01-0133	84–85	Qbt 3	Phenol	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0133	84–85	Qbt 3	Trichlorobenzene[1,2,4-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0133	84–85	Qbt 3	Trichlorophenol[2,4,5-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0133	84–85	Qbt 3	Trichlorophenol[2,4,6-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0133	84–85	Qbt 3	Trimethylbenzene[1,2,4-]	0.0062	mg/kg	U
Mesa top	21-11245	MD21-01-0133	84–85	Qbt 3	Trimethylbenzene[1,3,5-]	0.0062	mg/kg	U
Mesa top	21-11245	MD21-01-0134	89–90	Qbt 3	Aluminum	303	mg/kg	J
Mesa top	21-11245	MD21-01-0134	89–90	Qbt 3	Antimony	0.26	mg/kg	U
Mesa top	21-11245	MD21-01-0134	89–90	Qbt 3	Arsenic	0.92	mg/kg	J
Mesa top	21-11245	MD21-01-0134	89–90	Qbt 3	Barium	16.7	mg/kg	J
Mesa top	21-11245	MD21-01-0134	89–90	Qbt 3	Beryllium	0.77	mg/kg	None
Mesa top	21-11245	MD21-01-0134	89–90	Qbt 3	Cadmium	0.027	mg/kg	U
Mesa top	21-11245	MD21-01-0134	89–90	Qbt 3	Calcium	483	mg/kg	J
Mesa top	21-11245	MD21-01-0134	89–90	Qbt 3	Chromium, total	1.7	mg/kg	None
Mesa top	21-11245	MD21-01-0134	89–90	Qbt 3	Cobalt	0.53	mg/kg	J

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Mesa top	21-11245	MD21-01-0134	89–90	Qbt 3	Copper	0.86	mg/kg	J
Mesa top	21-11245	MD21-01-0134	89–90	Qbt 3	Iron	4650	mg/kg	None
Mesa top	21-11245	MD21-01-0134	89–90	Qbt 3	Magnesium	155	mg/kg	J
Mesa top	21-11245	MD21-01-0134	89–90	Qbt 3	Manganese	299	mg/kg	None
Mesa top	21-11245	MD21-01-0134	89–90	Qbt 3	Mercury	0.017	mg/kg	UJ
Mesa top	21-11245	MD21-01-0134	89–90	Qbt 3	Nickel	0.89	mg/kg	J
Mesa top	21-11245	MD21-01-0134	89–90	Qbt 3	Potassium	153	mg/kg	J
Mesa top	21-11245	MD21-01-0134	89–90	Qbt 3	Selenium	0.13	mg/kg	U
Mesa top	21-11245	MD21-01-0134	89–90	Qbt 3	Silver	0.44	mg/kg	U
Mesa top	21-11245	MD21-01-0134	89–90	Qbt 3	Sodium	96.3	mg/kg	U
Mesa top	21-11245	MD21-01-0134	89–90	Qbt 3	Thallium	0.14	mg/kg	U
Mesa top	21-11245	MD21-01-0134	89–90	Qbt 3	Vanadium	2	mg/kg	J
Mesa top	21-11245	MD21-01-0134	89–90	Qbt 3	Zinc	32.9	mg/kg	None
Mesa top	21-11245	MD21-01-0134	89–90	Qbt 3	Acenaphthylene	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0134	89–90	Qbt 3	Aniline	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0134	89–90	Qbt 3	Azobenzene	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0134	89–90	Qbt 3	Benzo(g,h,i)perylene	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0134	89–90	Qbt 3	Benzoic acid	1.7	mg/kg	U
Mesa top	21-11245	MD21-01-0134	89–90	Qbt 3	Benzyl alcohol	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0134	89–90	Qbt 3	Bis(2-chloroethoxy)methane	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0134	89–90	Qbt 3	Bis(2-chloroethyl)ether	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0134	89–90	Qbt 3	Bis(2-ethylhexyl)phthalate	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0134	89–90	Qbt 3	Bromophenyl-phenylether[4-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0134	89–90	Qbt 3	Butylbenzylphthalate	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0134	89–90	Qbt 3	Chloro-3-methylphenol[4-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0134	89–90	Qbt 3	Chloroaniline[4-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0134	89–90	Qbt 3	Chloronaphthalene[2-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0134	89–90	Qbt 3	Chlorophenol[2-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0134	89–90	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0134	89–90	Qbt 3	Di-n-butylphthalate	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0134	89–90	Qbt 3	Di-n-octylphthalate	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0134	89–90	Qbt 3	Dibenzofuran	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0134	89–90	Qbt 3	Dichlorobenzene[1,2-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0134	89–90	Qbt 3	Dichlorobenzene[1,3-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0134	89–90	Qbt 3	Dichlorobenzene[1,4-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0134	89–90	Qbt 3	Dichlorobenzidine[3,3'-]	1.7	mg/kg	U
Mesa top	21-11245	MD21-01-0134	89–90	Qbt 3	Dichlorophenol[2,4-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0134	89–90	Qbt 3	Diethylphthalate	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0134	89–90	Qbt 3	Dimethyl phthalate	0.34	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Mesa top	21-11245	MD21-01-0134	89–90	Qbt 3	Dimethylphenol[2,4-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0134	89–90	Qbt 3	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
Mesa top	21-11245	MD21-01-0134	89–90	Qbt 3	Dinitrophenol[2,4-]	1.7	mg/kg	U
Mesa top	21-11245	MD21-01-0134	89–90	Qbt 3	Dinitrotoluene[2,4-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0134	89–90	Qbt 3	Dinitrotoluene[2,6-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0134	89–90	Qbt 3	Hexachlorobenzene	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0134	89–90	Qbt 3	Hexachlorobutadiene	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0134	89–90	Qbt 3	Hexachlorocyclopentadiene	1.7	mg/kg	U
Mesa top	21-11245	MD21-01-0134	89–90	Qbt 3	Hexachloroethane	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0134	89–90	Qbt 3	Indeno(1,2,3-cd)pyrene	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0134	89–90	Qbt 3	Isophorone	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0134	89–90	Qbt 3	Methylphenol[2-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0134	89–90	Qbt 3	Methylphenol[4-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0134	89–90	Qbt 3	Nitroaniline[2-]	1.7	mg/kg	U
Mesa top	21-11245	MD21-01-0134	89–90	Qbt 3	Nitroaniline[3-]	1.7	mg/kg	U
Mesa top	21-11245	MD21-01-0134	89–90	Qbt 3	Nitroaniline[4-]	1.7	mg/kg	U
Mesa top	21-11245	MD21-01-0134	89–90	Qbt 3	Nitrobenzene	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0134	89–90	Qbt 3	Nitrophenol[2-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0134	89–90	Qbt 3	Nitrophenol[4-]	1.7	mg/kg	U
Mesa top	21-11245	MD21-01-0134	89–90	Qbt 3	Nitroso-di-n-propylamine[N-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0134	89–90	Qbt 3	Nitrosodimethylamine[N-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0134	89–90	Qbt 3	Nitrosodiphenylamine[N-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0134	89–90	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0134	89–90	Qbt 3	Pentachlorophenol	1.7	mg/kg	U
Mesa top	21-11245	MD21-01-0134	89–90	Qbt 3	Phenol	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0134	89–90	Qbt 3	Trichlorobenzene[1,2,4-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0134	89–90	Qbt 3	Trichlorophenol[2,4,5-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0134	89–90	Qbt 3	Trichlorophenol[2,4,6-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0134	89–90	Qbt 3	Trimethylbenzene[1,2,4-]	0.0062	mg/kg	U
Mesa top	21-11245	MD21-01-0134	89–90	Qbt 3	Trimethylbenzene[1,3,5-]	0.0062	mg/kg	U
Mesa top	21-11245	MD21-01-0135	103–104	Qbt 3	Aluminum	230	mg/kg	J
Mesa top	21-11245	MD21-01-0135	103–104	Qbt 3	Antimony	0.26	mg/kg	U
Mesa top	21-11245	MD21-01-0135	103–104	Qbt 3	Arsenic	1.2	mg/kg	None
Mesa top	21-11245	MD21-01-0135	103–104	Qbt 3	Barium	12.8	mg/kg	J
Mesa top	21-11245	MD21-01-0135	103–104	Qbt 3	Beryllium	0.58	mg/kg	None
Mesa top	21-11245	MD21-01-0135	103–104	Qbt 3	Cadmium	0.027	mg/kg	U
Mesa top	21-11245	MD21-01-0135	103–104	Qbt 3	Calcium	201	mg/kg	J
Mesa top	21-11245	MD21-01-0135	103–104	Qbt 3	Chromium, total	1.3	mg/kg	None
Mesa top	21-11245	MD21-01-0135	103–104	Qbt 3	Cobalt	0.48	mg/kg	J

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Mesa top	21-11245	MD21-01-0135	103–104	Qbt 3	Copper	0.86	mg/kg	J
Mesa top	21-11245	MD21-01-0135	103–104	Qbt 3	Iron	5730	mg/kg	None
Mesa top	21-11245	MD21-01-0135	103–104	Qbt 3	Magnesium	68.2	mg/kg	J
Mesa top	21-11245	MD21-01-0135	103–104	Qbt 3	Manganese	300	mg/kg	None
Mesa top	21-11245	MD21-01-0135	103–104	Qbt 3	Mercury	0.053	mg/kg	J-
Mesa top	21-11245	MD21-01-0135	103–104	Qbt 3	Nickel	0.32	mg/kg	U
Mesa top	21-11245	MD21-01-0135	103–104	Qbt 3	Potassium	128	mg/kg	J
Mesa top	21-11245	MD21-01-0135	103–104	Qbt 3	Selenium	0.12	mg/kg	U
Mesa top	21-11245	MD21-01-0135	103–104	Qbt 3	Silver	0.43	mg/kg	U
Mesa top	21-11245	MD21-01-0135	103–104	Qbt 3	Sodium	82	mg/kg	U
Mesa top	21-11245	MD21-01-0135	103–104	Qbt 3	Thallium	0.13	mg/kg	U
Mesa top	21-11245	MD21-01-0135	103–104	Qbt 3	Vanadium	1.5	mg/kg	J
Mesa top	21-11245	MD21-01-0135	103–104	Qbt 3	Zinc	39.6	mg/kg	None
Mesa top	21-11245	MD21-01-0135	103–104	Qbt 3	Acenaphthylene	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0135	103–104	Qbt 3	Aniline	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0135	103–104	Qbt 3	Azobenzene	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0135	103–104	Qbt 3	Benzo(g,h,i)perylene	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0135	103–104	Qbt 3	Benzoic acid	1.7	mg/kg	U
Mesa top	21-11245	MD21-01-0135	103–104	Qbt 3	Benzyl alcohol	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0135	103–104	Qbt 3	Bis(2-chloroethoxy)methane	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0135	103–104	Qbt 3	Bis(2-chloroethyl)ether	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0135	103–104	Qbt 3	Bis(2-ethylhexyl)phthalate	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0135	103–104	Qbt 3	Bromophenyl-phenylether[4-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0135	103–104	Qbt 3	Butylbenzylphthalate	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0135	103–104	Qbt 3	Chloro-3-methylphenol[4-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0135	103–104	Qbt 3	Chloroaniline[4-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0135	103–104	Qbt 3	Chloronaphthalene[2-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0135	103–104	Qbt 3	Chlorophenol[2-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0135	103–104	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0135	103–104	Qbt 3	Di-n-butylphthalate	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0135	103–104	Qbt 3	Di-n-octylphthalate	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0135	103–104	Qbt 3	Dibenzofuran	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0135	103–104	Qbt 3	Dichlorobenzene[1,2-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0135	103–104	Qbt 3	Dichlorobenzene[1,3-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0135	103–104	Qbt 3	Dichlorobenzene[1,4-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0135	103–104	Qbt 3	Dichlorobenzidine[3,3'-]	1.7	mg/kg	U
Mesa top	21-11245	MD21-01-0135	103–104	Qbt 3	Dichlorophenol[2,4-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0135	103–104	Qbt 3	Diethylphthalate	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0135	103–104	Qbt 3	Dimethyl phthalate	0.34	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Mesa top	21-11245	MD21-01-0135	103–104	Qbt 3	Dimethylphenol[2,4-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0135	103–104	Qbt 3	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
Mesa top	21-11245	MD21-01-0135	103–104	Qbt 3	Dinitrophenol[2,4-]	1.7	mg/kg	U
Mesa top	21-11245	MD21-01-0135	103–104	Qbt 3	Dinitrotoluene[2,4-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0135	103–104	Qbt 3	Dinitrotoluene[2,6-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0135	103–104	Qbt 3	Hexachlorobenzene	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0135	103–104	Qbt 3	Hexachlorobutadiene	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0135	103–104	Qbt 3	Hexachlorocyclopentadiene	1.7	mg/kg	U
Mesa top	21-11245	MD21-01-0135	103–104	Qbt 3	Hexachloroethane	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0135	103–104	Qbt 3	Indeno(1,2,3-cd)pyrene	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0135	103–104	Qbt 3	Isophorone	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0135	103–104	Qbt 3	Methylphenol[2-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0135	103–104	Qbt 3	Methylphenol[4-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0135	103–104	Qbt 3	Nitroaniline[2-]	1.7	mg/kg	U
Mesa top	21-11245	MD21-01-0135	103–104	Qbt 3	Nitroaniline[3-]	1.7	mg/kg	U
Mesa top	21-11245	MD21-01-0135	103–104	Qbt 3	Nitroaniline[4-]	1.7	mg/kg	U
Mesa top	21-11245	MD21-01-0135	103–104	Qbt 3	Nitrobenzene	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0135	103–104	Qbt 3	Nitrophenol[2-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0135	103–104	Qbt 3	Nitrophenol[4-]	1.7	mg/kg	U
Mesa top	21-11245	MD21-01-0135	103–104	Qbt 3	Nitroso-di-n-propylamine[N-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0135	103–104	Qbt 3	Nitrosodimethylamine[N-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0135	103–104	Qbt 3	Nitrosodiphenylamine[N-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0135	103–104	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0135	103–104	Qbt 3	Pentachlorophenol	1.7	mg/kg	U
Mesa top	21-11245	MD21-01-0135	103–104	Qbt 3	Phenol	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0135	103–104	Qbt 3	Trichlorobenzene[1,2,4-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0135	103–104	Qbt 3	Trichlorophenol[2,4,5-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0135	103–104	Qbt 3	Trichlorophenol[2,4,6-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0135	103–104	Qbt 3	Trimethylbenzene[1,2,4-]	0.0059	mg/kg	U
Mesa top	21-11245	MD21-01-0135	103–104	Qbt 3	Trimethylbenzene[1,3,5-]	0.0059	mg/kg	U
Mesa top	21-11245	MD21-01-0136	103–104	Qbt 3	Aluminum	263	mg/kg	J
Mesa top	21-11245	MD21-01-0136	103–104	Qbt 3	Antimony	0.26	mg/kg	U
Mesa top	21-11245	MD21-01-0136	103–104	Qbt 3	Arsenic	1	mg/kg	J
Mesa top	21-11245	MD21-01-0136	103–104	Qbt 3	Barium	10.7	mg/kg	J
Mesa top	21-11245	MD21-01-0136	103–104	Qbt 3	Beryllium	0.48	mg/kg	J
Mesa top	21-11245	MD21-01-0136	103–104	Qbt 3	Cadmium	0.027	mg/kg	U
Mesa top	21-11245	MD21-01-0136	103–104	Qbt 3	Calcium	168	mg/kg	J
Mesa top	21-11245	MD21-01-0136	103–104	Qbt 3	Chromium, total	1.7	mg/kg	None
Mesa top	21-11245	MD21-01-0136	103–104	Qbt 3	Cobalt	0.45	mg/kg	J

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Mesa top	21-11245	MD21-01-0136	103–104	Qbt 3	Copper	0.81	mg/kg	J
Mesa top	21-11245	MD21-01-0136	103–104	Qbt 3	Iron	5030	mg/kg	None
Mesa top	21-11245	MD21-01-0136	103–104	Qbt 3	Magnesium	55.6	mg/kg	J
Mesa top	21-11245	MD21-01-0136	103–104	Qbt 3	Manganese	264	mg/kg	None
Mesa top	21-11245	MD21-01-0136	103–104	Qbt 3	Mercury	0.039	mg/kg	J-
Mesa top	21-11245	MD21-01-0136	103–104	Qbt 3	Nickel	0.8	mg/kg	J
Mesa top	21-11245	MD21-01-0136	103–104	Qbt 3	Potassium	285	mg/kg	J
Mesa top	21-11245	MD21-01-0136	103–104	Qbt 3	Selenium	0.16	mg/kg	J
Mesa top	21-11245	MD21-01-0136	103–104	Qbt 3	Silver	0.43	mg/kg	U
Mesa top	21-11245	MD21-01-0136	103–104	Qbt 3	Sodium	120	mg/kg	U
Mesa top	21-11245	MD21-01-0136	103–104	Qbt 3	Thallium	0.13	mg/kg	U
Mesa top	21-11245	MD21-01-0136	103–104	Qbt 3	Vanadium	1.3	mg/kg	J
Mesa top	21-11245	MD21-01-0136	103–104	Qbt 3	Zinc	34.8	mg/kg	None
Mesa top	21-11245	MD21-01-0136	103–104	Qbt 3	Acenaphthylene	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0136	103–104	Qbt 3	Aniline	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0136	103–104	Qbt 3	Azobenzene	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0136	103–104	Qbt 3	Benzo(g,h,i)perylene	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0136	103–104	Qbt 3	Benzoic acid	1.7	mg/kg	U
Mesa top	21-11245	MD21-01-0136	103–104	Qbt 3	Benzyl alcohol	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0136	103–104	Qbt 3	Bis(2-chloroethoxy)methane	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0136	103–104	Qbt 3	Bis(2-chloroethyl)ether	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0136	103–104	Qbt 3	Bis(2-ethylhexyl)phthalate	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0136	103–104	Qbt 3	Bromophenyl-phenylether[4-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0136	103–104	Qbt 3	Butylbenzylphthalate	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0136	103–104	Qbt 3	Chloro-3-methylphenol[4-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0136	103–104	Qbt 3	Chloroaniline[4-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0136	103–104	Qbt 3	Chloronaphthalene[2-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0136	103–104	Qbt 3	Chlorophenol[2-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0136	103–104	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0136	103–104	Qbt 3	Di-n-butylphthalate	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0136	103–104	Qbt 3	Di-n-octylphthalate	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0136	103–104	Qbt 3	Dibenzofuran	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0136	103–104	Qbt 3	Dichlorobenzene[1,2-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0136	103–104	Qbt 3	Dichlorobenzene[1,3-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0136	103–104	Qbt 3	Dichlorobenzene[1,4-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0136	103–104	Qbt 3	Dichlorobenzidine[3,3'-]	1.7	mg/kg	U
Mesa top	21-11245	MD21-01-0136	103–104	Qbt 3	Dichlorophenol[2,4-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0136	103–104	Qbt 3	Diethylphthalate	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0136	103–104	Qbt 3	Dimethyl phthalate	0.34	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Mesa top	21-11245	MD21-01-0136	103–104	Qbt 3	Dimethylphenol[2,4-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0136	103–104	Qbt 3	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
Mesa top	21-11245	MD21-01-0136	103–104	Qbt 3	Dinitrophenol[2,4-]	1.7	mg/kg	U
Mesa top	21-11245	MD21-01-0136	103–104	Qbt 3	Dinitrotoluene[2,4-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0136	103–104	Qbt 3	Dinitrotoluene[2,6-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0136	103–104	Qbt 3	Hexachlorobenzene	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0136	103–104	Qbt 3	Hexachlorobutadiene	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0136	103–104	Qbt 3	Hexachlorocyclopentadiene	1.7	mg/kg	U
Mesa top	21-11245	MD21-01-0136	103–104	Qbt 3	Hexachloroethane	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0136	103–104	Qbt 3	Indeno(1,2,3-cd)pyrene	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0136	103–104	Qbt 3	Isophorone	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0136	103–104	Qbt 3	Methylphenol[2-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0136	103–104	Qbt 3	Methylphenol[4-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0136	103–104	Qbt 3	Nitroaniline[2-]	1.7	mg/kg	U
Mesa top	21-11245	MD21-01-0136	103–104	Qbt 3	Nitroaniline[3-]	1.7	mg/kg	U
Mesa top	21-11245	MD21-01-0136	103–104	Qbt 3	Nitroaniline[4-]	1.7	mg/kg	U
Mesa top	21-11245	MD21-01-0136	103–104	Qbt 3	Nitrobenzene	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0136	103–104	Qbt 3	Nitrophenol[2-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0136	103–104	Qbt 3	Nitrophenol[4-]	1.7	mg/kg	U
Mesa top	21-11245	MD21-01-0136	103–104	Qbt 3	Nitroso-di-n-propylamine[N-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0136	103–104	Qbt 3	Nitrosodimethylamine[N-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0136	103–104	Qbt 3	Nitrosodiphenylamine[N-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0136	103–104	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0136	103–104	Qbt 3	Pentachlorophenol	1.7	mg/kg	U
Mesa top	21-11245	MD21-01-0136	103–104	Qbt 3	Phenol	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0136	103–104	Qbt 3	Trichlorobenzene[1,2,4-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0136	103–104	Qbt 3	Trichlorophenol[2,4,5-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0136	103–104	Qbt 3	Trichlorophenol[2,4,6-]	0.34	mg/kg	U
Mesa top	21-11245	MD21-01-0136	103–104	Qbt 3	Trimethylbenzene[1,2,4-]	0.0064	mg/kg	U
Mesa top	21-11245	MD21-01-0136	103–104	Qbt 3	Trimethylbenzene[1,3,5-]	0.0064	mg/kg	U
Mesa top	21-11247	MD21-01-0140	1.5–2	Fill	Aluminum	7830	mg/kg	None
Mesa top	21-11247	MD21-01-0140	1.5–2	Fill	Antimony	0.24	mg/kg	U
Mesa top	21-11247	MD21-01-0140	1.5–2	Fill	Arsenic	2.8	mg/kg	None
Mesa top	21-11247	MD21-01-0140	1.5–2	Fill	Barium	125	mg/kg	None
Mesa top	21-11247	MD21-01-0140	1.5–2	Fill	Beryllium	0.71	mg/kg	None
Mesa top	21-11247	MD21-01-0140	1.5–2	Fill	Cadmium	0.017	mg/kg	U
Mesa top	21-11247	MD21-01-0140	1.5–2	Fill	Calcium	2110	mg/kg	J+
Mesa top	21-11247	MD21-01-0140	1.5–2	Fill	Chromium, total	7.5	mg/kg	J-
Mesa top	21-11247	MD21-01-0140	1.5–2	Fill	Cobalt	6	mg/kg	None

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Mesa top	21-11247	MD21-01-0140	1.5–2	Fill	Copper	7.6	mg/kg	None
Mesa top	21-11247	MD21-01-0140	1.5–2	Fill	Iron	11300	mg/kg	None
Mesa top	21-11247	MD21-01-0140	1.5–2	Fill	Magnesium	1550	mg/kg	None
Mesa top	21-11247	MD21-01-0140	1.5–2	Fill	Manganese	389	mg/kg	None
Mesa top	21-11247	MD21-01-0140	1.5–2	Fill	Mercury	0.033	mg/kg	J
Mesa top	21-11247	MD21-01-0140	1.5–2	Fill	Nickel	6.4	mg/kg	None
Mesa top	21-11247	MD21-01-0140	1.5–2	Fill	Potassium	1270	mg/kg	None
Mesa top	21-11247	MD21-01-0140	1.5–2	Fill	Selenium	0.18	mg/kg	J
Mesa top	21-11247	MD21-01-0140	1.5–2	Fill	Silver	0.46	mg/kg	U
Mesa top	21-11247	MD21-01-0140	1.5–2	Fill	Sodium	107	mg/kg	J
Mesa top	21-11247	MD21-01-0140	1.5–2	Fill	Thallium	0.98	mg/kg	J
Mesa top	21-11247	MD21-01-0140	1.5–2	Fill	Vanadium	20.6	mg/kg	None
Mesa top	21-11247	MD21-01-0140	1.5–2	Fill	Zinc	29.5	mg/kg	None
Mesa top	21-11247	MD21-01-0140	1.5–2	Fill	Acenaphthylene	0.36	mg/kg	UJ
Mesa top	21-11247	MD21-01-0140	1.5–2	Fill	Aniline	0.36	mg/kg	UJ
Mesa top	21-11247	MD21-01-0140	1.5–2	Fill	Azobenzene	0.36	mg/kg	UJ
Mesa top	21-11247	MD21-01-0140	1.5–2	Fill	Benzo(g,h,i)perylene	0.36	mg/kg	UJ
Mesa top	21-11247	MD21-01-0140	1.5–2	Fill	Benzoic acid	1.8	mg/kg	UJ
Mesa top	21-11247	MD21-01-0140	1.5–2	Fill	Benzyl alcohol	0.36	mg/kg	UJ
Mesa top	21-11247	MD21-01-0140	1.5–2	Fill	Bis(2-chloroethoxy)methane	0.36	mg/kg	UJ
Mesa top	21-11247	MD21-01-0140	1.5–2	Fill	Bis(2-chloroethyl)ether	0.36	mg/kg	UJ
Mesa top	21-11247	MD21-01-0140	1.5–2	Fill	Bis(2-ethylhexyl)phthalate	0.36	mg/kg	UJ
Mesa top	21-11247	MD21-01-0140	1.5–2	Fill	Bromophenyl-phenylether[4-]	0.36	mg/kg	UJ
Mesa top	21-11247	MD21-01-0140	1.5–2	Fill	Butylbenzylphthalate	0.36	mg/kg	UJ
Mesa top	21-11247	MD21-01-0140	1.5–2	Fill	Chloro-3-methylphenol[4-]	0.36	mg/kg	UJ
Mesa top	21-11247	MD21-01-0140	1.5–2	Fill	Chloroaniline[4-]	0.36	mg/kg	UJ
Mesa top	21-11247	MD21-01-0140	1.5–2	Fill	Chloronaphthalene[2-]	0.36	mg/kg	UJ
Mesa top	21-11247	MD21-01-0140	1.5–2	Fill	Chlorophenol[2-]	0.36	mg/kg	UJ
Mesa top	21-11247	MD21-01-0140	1.5–2	Fill	Chlorophenyl-phenyl[4-] ether	0.36	mg/kg	UJ
Mesa top	21-11247	MD21-01-0140	1.5–2	Fill	Di-n-butylphthalate	0.36	mg/kg	UJ
Mesa top	21-11247	MD21-01-0140	1.5–2	Fill	Di-n-octylphthalate	0.36	mg/kg	UJ
Mesa top	21-11247	MD21-01-0140	1.5–2	Fill	Dibenzofuran	0.36	mg/kg	UJ
Mesa top	21-11247	MD21-01-0140	1.5–2	Fill	Dichlorobenzene[1,2-]	0.36	mg/kg	UJ
Mesa top	21-11247	MD21-01-0140	1.5–2	Fill	Dichlorobenzene[1,3-]	0.36	mg/kg	UJ
Mesa top	21-11247	MD21-01-0140	1.5–2	Fill	Dichlorobenzene[1,4-]	0.36	mg/kg	UJ
Mesa top	21-11247	MD21-01-0140	1.5–2	Fill	Dichlorobenzidine[3,3'-]	1.8	mg/kg	UJ
Mesa top	21-11247	MD21-01-0140	1.5–2	Fill	Dichlorophenol[2,4-]	0.36	mg/kg	UJ
Mesa top	21-11247	MD21-01-0140	1.5–2	Fill	Diethylphthalate	0.36	mg/kg	UJ
Mesa top	21-11247	MD21-01-0140	1.5–2	Fill	Dimethyl phthalate	0.36	mg/kg	UJ

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Mesa top	21-11247	MD21-01-0140	1.5–2	Fill	Dimethylphenol[2,4-]	0.36	mg/kg	UJ
Mesa top	21-11247	MD21-01-0140	1.5–2	Fill	Dinitro-2-methylphenol[4,6-]	1.8	mg/kg	UJ
Mesa top	21-11247	MD21-01-0140	1.5–2	Fill	Dinitrophenol[2,4-]	1.8	mg/kg	UJ
Mesa top	21-11247	MD21-01-0140	1.5–2	Fill	Dinitrotoluene[2,4-]	0.36	mg/kg	UJ
Mesa top	21-11247	MD21-01-0140	1.5–2	Fill	Dinitrotoluene[2,6-]	0.36	mg/kg	UJ
Mesa top	21-11247	MD21-01-0140	1.5–2	Fill	Hexachlorobenzene	0.36	mg/kg	UJ
Mesa top	21-11247	MD21-01-0140	1.5–2	Fill	Hexachlorobutadiene	0.36	mg/kg	UJ
Mesa top	21-11247	MD21-01-0140	1.5–2	Fill	Hexachlorocyclopentadiene	1.8	mg/kg	UJ
Mesa top	21-11247	MD21-01-0140	1.5–2	Fill	Hexachloroethane	0.36	mg/kg	UJ
Mesa top	21-11247	MD21-01-0140	1.5–2	Fill	Indeno(1,2,3-cd)pyrene	0.36	mg/kg	UJ
Mesa top	21-11247	MD21-01-0140	1.5–2	Fill	Isophorone	0.36	mg/kg	UJ
Mesa top	21-11247	MD21-01-0140	1.5–2	Fill	Methylphenol[2-]	0.36	mg/kg	UJ
Mesa top	21-11247	MD21-01-0140	1.5–2	Fill	Methylphenol[4-]	0.36	mg/kg	UJ
Mesa top	21-11247	MD21-01-0140	1.5–2	Fill	Nitroaniline[2-]	1.8	mg/kg	UJ
Mesa top	21-11247	MD21-01-0140	1.5–2	Fill	Nitroaniline[3-]	1.8	mg/kg	UJ
Mesa top	21-11247	MD21-01-0140	1.5–2	Fill	Nitroaniline[4-]	1.8	mg/kg	UJ
Mesa top	21-11247	MD21-01-0140	1.5–2	Fill	Nitrobenzene	0.36	mg/kg	UJ
Mesa top	21-11247	MD21-01-0140	1.5–2	Fill	Nitrophenol[2-]	0.36	mg/kg	UJ
Mesa top	21-11247	MD21-01-0140	1.5–2	Fill	Nitrophenol[4-]	1.8	mg/kg	UJ
Mesa top	21-11247	MD21-01-0140	1.5–2	Fill	Nitroso-di-n-propylamine[N-]	0.36	mg/kg	UJ
Mesa top	21-11247	MD21-01-0140	1.5–2	Fill	Nitrosodimethylamine[N-]	0.36	mg/kg	UJ
Mesa top	21-11247	MD21-01-0140	1.5–2	Fill	Nitrosodiphenylamine[N-]	0.36	mg/kg	UJ
Mesa top	21-11247	MD21-01-0140	1.5–2	Fill	Oxybis(1-chloropropane)[2,2'-]	0.36	mg/kg	UJ
Mesa top	21-11247	MD21-01-0140	1.5–2	Fill	Pentachlorophenol	1.8	mg/kg	UJ
Mesa top	21-11247	MD21-01-0140	1.5–2	Fill	Phenol	0.36	mg/kg	UJ
Mesa top	21-11247	MD21-01-0140	1.5–2	Fill	Trichlorobenzene[1,2,4-]	0.36	mg/kg	UJ
Mesa top	21-11247	MD21-01-0140	1.5–2	Fill	Trichlorophenol[2,4,5-]	0.36	mg/kg	UJ
Mesa top	21-11247	MD21-01-0140	1.5–2	Fill	Trichlorophenol[2,4,6-]	0.36	mg/kg	UJ
Mesa top	21-11247	MD21-01-0140	1.5–2	Fill	Trimethylbenzene[1,2,4-]	0.0049	mg/kg	U
Mesa top	21-11247	MD21-01-0140	1.5–2	Fill	Trimethylbenzene[1,3,5-]	0.0049	mg/kg	U
Mesa top	21-11247	MD21-01-0141	5.5–6	Fill	Aluminum	6010	mg/kg	None
Mesa top	21-11247	MD21-01-0141	5.5–6	Fill	Antimony	0.24	mg/kg	U
Mesa top	21-11247	MD21-01-0141	5.5–6	Fill	Arsenic	2.4	mg/kg	None
Mesa top	21-11247	MD21-01-0141	5.5–6	Fill	Barium	101	mg/kg	None
Mesa top	21-11247	MD21-01-0141	5.5–6	Fill	Beryllium	0.54	mg/kg	J
Mesa top	21-11247	MD21-01-0141	5.5–6	Fill	Cadmium	0.017	mg/kg	U
Mesa top	21-11247	MD21-01-0141	5.5–6	Fill	Calcium	1550	mg/kg	J+
Mesa top	21-11247	MD21-01-0141	5.5–6	Fill	Chromium, total	5.7	mg/kg	J-
Mesa top	21-11247	MD21-01-0141	5.5–6	Fill	Cobalt	3.4	mg/kg	J

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Mesa top	21-11247	MD21-01-0141	5.5–6	Fill	Copper	5.3	mg/kg	None
Mesa top	21-11247	MD21-01-0141	5.5–6	Fill	Iron	8700	mg/kg	None
Mesa top	21-11247	MD21-01-0141	5.5–6	Fill	Magnesium	1200	mg/kg	None
Mesa top	21-11247	MD21-01-0141	5.5–6	Fill	Manganese	232	mg/kg	None
Mesa top	21-11247	MD21-01-0141	5.5–6	Fill	Mercury	0.029	mg/kg	J
Mesa top	21-11247	MD21-01-0141	5.5–6	Fill	Nickel	5	mg/kg	None
Mesa top	21-11247	MD21-01-0141	5.5–6	Fill	Potassium	528	mg/kg	J
Mesa top	21-11247	MD21-01-0141	5.5–6	Fill	Selenium	0.24	mg/kg	J
Mesa top	21-11247	MD21-01-0141	5.5–6	Fill	Silver	0.47	mg/kg	U
Mesa top	21-11247	MD21-01-0141	5.5–6	Fill	Sodium	102	mg/kg	J
Mesa top	21-11247	MD21-01-0141	5.5–6	Fill	Thallium	0.57	mg/kg	J
Mesa top	21-11247	MD21-01-0141	5.5–6	Fill	Vanadium	15.1	mg/kg	None
Mesa top	21-11247	MD21-01-0141	5.5–6	Fill	Zinc	28	mg/kg	None
Mesa top	21-11247	MD21-01-0141	5.5–6	Fill	Acenaphthylene	0.37	mg/kg	U
Mesa top	21-11247	MD21-01-0141	5.5–6	Fill	Aniline	0.37	mg/kg	U
Mesa top	21-11247	MD21-01-0141	5.5–6	Fill	Azobenzene	0.37	mg/kg	U
Mesa top	21-11247	MD21-01-0141	5.5–6	Fill	Benzo(g,h,i)perylene	0.37	mg/kg	U
Mesa top	21-11247	MD21-01-0141	5.5–6	Fill	Benzoic acid	1.8	mg/kg	U
Mesa top	21-11247	MD21-01-0141	5.5–6	Fill	Benzyl alcohol	0.37	mg/kg	U
Mesa top	21-11247	MD21-01-0141	5.5–6	Fill	Bis(2-chloroethoxy)methane	0.37	mg/kg	U
Mesa top	21-11247	MD21-01-0141	5.5–6	Fill	Bis(2-chloroethyl)ether	0.37	mg/kg	U
Mesa top	21-11247	MD21-01-0141	5.5–6	Fill	Bis(2-ethylhexyl)phthalate	0.37	mg/kg	U
Mesa top	21-11247	MD21-01-0141	5.5–6	Fill	Bromophenyl-phenylether[4-]	0.37	mg/kg	U
Mesa top	21-11247	MD21-01-0141	5.5–6	Fill	Butylbenzylphthalate	0.37	mg/kg	U
Mesa top	21-11247	MD21-01-0141	5.5–6	Fill	Chloro-3-methylphenol[4-]	0.37	mg/kg	U
Mesa top	21-11247	MD21-01-0141	5.5–6	Fill	Chloroaniline[4-]	0.37	mg/kg	U
Mesa top	21-11247	MD21-01-0141	5.5–6	Fill	Chloronaphthalene[2-]	0.37	mg/kg	U
Mesa top	21-11247	MD21-01-0141	5.5–6	Fill	Chlorophenol[2-]	0.37	mg/kg	U
Mesa top	21-11247	MD21-01-0141	5.5–6	Fill	Chlorophenyl-phenyl[4-] ether	0.37	mg/kg	U
Mesa top	21-11247	MD21-01-0141	5.5–6	Fill	Di-n-butylphthalate	0.37	mg/kg	U
Mesa top	21-11247	MD21-01-0141	5.5–6	Fill	Di-n-octylphthalate	0.37	mg/kg	U
Mesa top	21-11247	MD21-01-0141	5.5–6	Fill	Dibenzofuran	0.37	mg/kg	U
Mesa top	21-11247	MD21-01-0141	5.5–6	Fill	Dichlorobenzene[1,2-]	0.37	mg/kg	U
Mesa top	21-11247	MD21-01-0141	5.5–6	Fill	Dichlorobenzene[1,3-]	0.37	mg/kg	U
Mesa top	21-11247	MD21-01-0141	5.5–6	Fill	Dichlorobenzene[1,4-]	0.37	mg/kg	U
Mesa top	21-11247	MD21-01-0141	5.5–6	Fill	Dichlorobenzidine[3,3'-]	1.8	mg/kg	U
Mesa top	21-11247	MD21-01-0141	5.5–6	Fill	Dichlorophenol[2,4-]	0.37	mg/kg	U
Mesa top	21-11247	MD21-01-0141	5.5–6	Fill	Diethylphthalate	0.37	mg/kg	U
Mesa top	21-11247	MD21-01-0141	5.5–6	Fill	Dimethyl phthalate	0.37	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
Mesa top	21-11247	MD21-01-0141	5.5–6	Fill	Dimethylphenol[2,4-]	0.37	mg/kg	U
Mesa top	21-11247	MD21-01-0141	5.5–6	Fill	Dinitro-2-methylphenol[4,6-]	1.8	mg/kg	U
Mesa top	21-11247	MD21-01-0141	5.5–6	Fill	Dinitrophenol[2,4-]	1.8	mg/kg	UJ
Mesa top	21-11247	MD21-01-0141	5.5–6	Fill	Dinitrotoluene[2,4-]	0.37	mg/kg	U
Mesa top	21-11247	MD21-01-0141	5.5–6	Fill	Dinitrotoluene[2,6-]	0.37	mg/kg	U
Mesa top	21-11247	MD21-01-0141	5.5–6	Fill	Hexachlorobenzene	0.37	mg/kg	U
Mesa top	21-11247	MD21-01-0141	5.5–6	Fill	Hexachlorobutadiene	0.37	mg/kg	U
Mesa top	21-11247	MD21-01-0141	5.5–6	Fill	Hexachlorocyclopentadiene	1.8	mg/kg	U
Mesa top	21-11247	MD21-01-0141	5.5–6	Fill	Hexachloroethane	0.37	mg/kg	U
Mesa top	21-11247	MD21-01-0141	5.5–6	Fill	Indeno(1,2,3-cd)pyrene	0.37	mg/kg	U
Mesa top	21-11247	MD21-01-0141	5.5–6	Fill	Isophorone	0.37	mg/kg	U
Mesa top	21-11247	MD21-01-0141	5.5–6	Fill	Methylphenol[2-]	0.37	mg/kg	U
Mesa top	21-11247	MD21-01-0141	5.5–6	Fill	Methylphenol[4-]	0.37	mg/kg	U
Mesa top	21-11247	MD21-01-0141	5.5–6	Fill	Nitroaniline[2-]	1.8	mg/kg	U
Mesa top	21-11247	MD21-01-0141	5.5–6	Fill	Nitroaniline[3-]	1.8	mg/kg	U
Mesa top	21-11247	MD21-01-0141	5.5–6	Fill	Nitroaniline[4-]	1.8	mg/kg	U
Mesa top	21-11247	MD21-01-0141	5.5–6	Fill	Nitrobenzene	0.37	mg/kg	U
Mesa top	21-11247	MD21-01-0141	5.5–6	Fill	Nitrophenol[2-]	0.37	mg/kg	U
Mesa top	21-11247	MD21-01-0141	5.5–6	Fill	Nitrophenol[4-]	1.8	mg/kg	U
Mesa top	21-11247	MD21-01-0141	5.5–6	Fill	Nitroso-di-n-propylamine[N-]	0.37	mg/kg	U
Mesa top	21-11247	MD21-01-0141	5.5–6	Fill	Nitrosodimethylamine[N-]	0.37	mg/kg	U
Mesa top	21-11247	MD21-01-0141	5.5–6	Fill	Nitrosodiphenylamine[N-]	0.37	mg/kg	U
Mesa top	21-11247	MD21-01-0141	5.5–6	Fill	Oxybis(1-chloropropane)[2,2'-]	0.37	mg/kg	U
Mesa top	21-11247	MD21-01-0141	5.5–6	Fill	Pentachlorophenol	1.8	mg/kg	U
Mesa top	21-11247	MD21-01-0141	5.5–6	Fill	Phenol	0.37	mg/kg	U
Mesa top	21-11247	MD21-01-0141	5.5–6	Fill	Trichlorobenzene[1,2,4-]	0.37	mg/kg	U
Mesa top	21-11247	MD21-01-0141	5.5–6	Fill	Trichlorophenol[2,4,5-]	0.37	mg/kg	U
Mesa top	21-11247	MD21-01-0141	5.5–6	Fill	Trichlorophenol[2,4,6-]	0.37	mg/kg	U
Mesa top	21-11247	MD21-01-0141	5.5–6	Fill	Trimethylbenzene[1,2,4-]	0.0053	mg/kg	U
Mesa top	21-11247	MD21-01-0141	5.5–6	Fill	Trimethylbenzene[1,3,5-]	0.0053	mg/kg	U
West canyon[c]	21-11129	MD21-00-0035	0–0.5	Sediment	Aluminum	2800	mg/kg	J-
West canyon	21-11129	MD21-00-0035	0–0.5	Sediment	Antimony	0.36	mg/kg	UJ
West canyon	21-11129	MD21-00-0035	0–0.5	Sediment	Arsenic	2.8	mg/kg	None
West canyon	21-11129	MD21-00-0035	0–0.5	Sediment	Barium	70	mg/kg	None
West canyon	21-11129	MD21-00-0035	0–0.5	Sediment	Beryllium	0.43	mg/kg	J
West canyon	21-11129	MD21-00-0035	0–0.5	Sediment	Cadmium	0.29	mg/kg	J
West canyon	21-11129	MD21-00-0035	0–0.5	Sediment	Calcium	2000	mg/kg	None
West canyon	21-11129	MD21-00-0035	0–0.5	Sediment	Chromium, total	4.3	mg/kg	None
West canyon	21-11129	MD21-00-0035	0–0.5	Sediment	Cobalt	3.7	mg/kg	None

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11129	MD21-00-0035	0–0.5	Sediment	Copper	5.3	mg/kg	None
West canyon	21-11129	MD21-00-0035	0–0.5	Sediment	Iron	7200	mg/kg	None
West canyon	21-11129	MD21-00-0035	0–0.5	Sediment	Magnesium	730	mg/kg	None
West canyon	21-11129	MD21-00-0035	0–0.5	Sediment	Manganese	390	mg/kg	None
West canyon	21-11129	MD21-00-0035	0–0.5	Sediment	Mercury	0.025	mg/kg	U
West canyon	21-11129	MD21-00-0035	0–0.5	Sediment	Nickel	3.8	mg/kg	None
West canyon	21-11129	MD21-00-0035	0–0.5	Sediment	Potassium	600	mg/kg	None
West canyon	21-11129	MD21-00-0035	0–0.5	Sediment	Selenium	0.36	mg/kg	U
West canyon	21-11129	MD21-00-0035	0–0.5	Sediment	Silver	0.09	mg/kg	U
West canyon	21-11129	MD21-00-0035	0–0.5	Sediment	Sodium	56	mg/kg	J
West canyon	21-11129	MD21-00-0035	0–0.5	Sediment	Thallium	0.35	mg/kg	U
West canyon	21-11129	MD21-00-0035	0–0.5	Sediment	Vanadium	12	mg/kg	None
West canyon	21-11129	MD21-00-0035	0–0.5	Sediment	Zinc	280	mg/kg	None
West canyon	21-11129	MD21-00-0035	0–0.5	Sediment	Acenaphthylene	3.5	mg/kg	U
West canyon	21-11129	MD21-00-0035	0–0.5	Sediment	Aniline	7	mg/kg	U
West canyon	21-11129	MD21-00-0035	0–0.5	Sediment	Azobenzene	7	mg/kg	U
West canyon	21-11129	MD21-00-0035	0–0.5	Sediment	Benzidine	3.5	mg/kg	U
West canyon	21-11129	MD21-00-0035	0–0.5	Sediment	Benzo(g,h,i)perylene	3.5	mg/kg	UJ
West canyon	21-11129	MD21-00-0035	0–0.5	Sediment	Benzoic acid	17	mg/kg	U
West canyon	21-11129	MD21-00-0035	0–0.5	Sediment	Benzyl alcohol	7	mg/kg	U
West canyon	21-11129	MD21-00-0035	0–0.5	Sediment	Bis(2-chloroethoxy)methane	3.5	mg/kg	U
West canyon	21-11129	MD21-00-0035	0–0.5	Sediment	Bis(2-chloroethyl)ether	3.5	mg/kg	U
West canyon	21-11129	MD21-00-0035	0–0.5	Sediment	Bis(2-ethylhexyl)phthalate	3.5	mg/kg	U
West canyon	21-11129	MD21-00-0035	0–0.5	Sediment	Bromophenyl-phenylether[4-]	3.5	mg/kg	U
West canyon	21-11129	MD21-00-0035	0–0.5	Sediment	Butylbenzylphthalate	3.5	mg/kg	U
West canyon	21-11129	MD21-00-0035	0–0.5	Sediment	Carbazole	3.5	mg/kg	U
West canyon	21-11129	MD21-00-0035	0–0.5	Sediment	Chloro-3-methylphenol[4-]	7	mg/kg	U
West canyon	21-11129	MD21-00-0035	0–0.5	Sediment	Chloroaniline[4-]	7	mg/kg	U
West canyon	21-11129	MD21-00-0035	0–0.5	Sediment	Chloronaphthalene[2-]	3.5	mg/kg	U
West canyon	21-11129	MD21-00-0035	0–0.5	Sediment	Chlorophenol[2-]	3.5	mg/kg	U
West canyon	21-11129	MD21-00-0035	0–0.5	Sediment	Chlorophenyl-phenyl[4-] ether	3.5	mg/kg	U
West canyon	21-11129	MD21-00-0035	0–0.5	Sediment	Di-n-butylphthalate	3.5	mg/kg	U
West canyon	21-11129	MD21-00-0035	0–0.5	Sediment	Di-n-octylphthalate	3.5	mg/kg	UJ
West canyon	21-11129	MD21-00-0035	0–0.5	Sediment	Dibenzofuran	3.5	mg/kg	U
West canyon	21-11129	MD21-00-0035	0–0.5	Sediment	Dichlorobenzene[1,2-]	3.5	mg/kg	U
West canyon	21-11129	MD21-00-0035	0–0.5	Sediment	Dichlorobenzene[1,3-]	3.5	mg/kg	U
West canyon	21-11129	MD21-00-0035	0–0.5	Sediment	Dichlorobenzene[1,4-]	3.5	mg/kg	U
West canyon	21-11129	MD21-00-0035	0–0.5	Sediment	Dichlorobenzidine[3,3'-]	7	mg/kg	U
West canyon	21-11129	MD21-00-0035	0–0.5	Sediment	Dichlorophenol[2,4-]	3.5	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11129	MD21-00-0035	0–0.5	Sediment	Diethylphthalate	3.5	mg/kg	U
West canyon	21-11129	MD21-00-0035	0–0.5	Sediment	Dimethyl phthalate	3.5	mg/kg	U
West canyon	21-11129	MD21-00-0035	0–0.5	Sediment	Dimethylphenol[2,4-]	3.5	mg/kg	U
West canyon	21-11129	MD21-00-0035	0–0.5	Sediment	Dinitro-2-methylphenol[4,6-]	17	mg/kg	U
West canyon	21-11129	MD21-00-0035	0–0.5	Sediment	Dinitrophenol[2,4-]	17	mg/kg	U
West canyon	21-11129	MD21-00-0035	0–0.5	Sediment	Dinitrotoluene[2,4-]	3.5	mg/kg	U
West canyon	21-11129	MD21-00-0035	0–0.5	Sediment	Dinitrotoluene[2,6-]	3.5	mg/kg	U
West canyon	21-11129	MD21-00-0035	0–0.5	Sediment	Hexachlorobenzene	3.5	mg/kg	U
West canyon	21-11129	MD21-00-0035	0–0.5	Sediment	Hexachlorobutadiene	3.5	mg/kg	U
West canyon	21-11129	MD21-00-0035	0–0.5	Sediment	Hexachlorocyclopentadiene	3.5	mg/kg	U
West canyon	21-11129	MD21-00-0035	0–0.5	Sediment	Hexachloroethane	3.5	mg/kg	U
West canyon	21-11129	MD21-00-0035	0–0.5	Sediment	Indeno(1,2,3-cd)pyrene	3.5	mg/kg	UJ
West canyon	21-11129	MD21-00-0035	0–0.5	Sediment	Isophorone	3.5	mg/kg	U
West canyon	21-11129	MD21-00-0035	0–0.5	Sediment	Methylphenol[2-]	3.5	mg/kg	U
West canyon	21-11129	MD21-00-0035	0–0.5	Sediment	Methylphenol[4-]	3.5	mg/kg	U
West canyon	21-11129	MD21-00-0035	0–0.5	Sediment	Nitroaniline[2-]	17	mg/kg	U
West canyon	21-11129	MD21-00-0035	0–0.5	Sediment	Nitroaniline[3-]	17	mg/kg	U
West canyon	21-11129	MD21-00-0035	0–0.5	Sediment	Nitroaniline[4-]	7	mg/kg	U
West canyon	21-11129	MD21-00-0035	0–0.5	Sediment	Nitrobenzene	3.5	mg/kg	U
West canyon	21-11129	MD21-00-0035	0–0.5	Sediment	Nitrophenol[2-]	3.5	mg/kg	U
West canyon	21-11129	MD21-00-0035	0–0.5	Sediment	Nitrophenol[4-]	17	mg/kg	U
West canyon	21-11129	MD21-00-0035	0–0.5	Sediment	Nitroso-di-n-propylamine[N-]	3.5	mg/kg	U
West canyon	21-11129	MD21-00-0035	0–0.5	Sediment	Nitrosodimethylamine[N-]	3.5	mg/kg	U
West canyon	21-11129	MD21-00-0035	0–0.5	Sediment	Nitrosodiphenylamine[N-]	3.5	mg/kg	U
West canyon	21-11129	MD21-00-0035	0–0.5	Sediment	Oxybis(1-chloropropane)[2,2'-]	3.5	mg/kg	U
West canyon	21-11129	MD21-00-0035	0–0.5	Sediment	Pentachlorophenol	17	mg/kg	U
West canyon	21-11129	MD21-00-0035	0–0.5	Sediment	Phenol	3.5	mg/kg	U
West canyon	21-11129	MD21-00-0035	0–0.5	Sediment	Pyridine	3.5	mg/kg	U
West canyon	21-11129	MD21-00-0035	0–0.5	Sediment	Trichlorobenzene[1,2,4-]	3.5	mg/kg	U
West canyon	21-11129	MD21-00-0035	0–0.5	Sediment	Trichlorophenol[2,4,5-]	17	mg/kg	U
West canyon	21-11129	MD21-00-0035	0–0.5	Sediment	Trichlorophenol[2,4,6-]	3.5	mg/kg	U
West canyon	21-11129	MD21-00-0035	0–0.5	Sediment	Trimethylbenzene[1,2,4-]	0.0064	mg/kg	U
West canyon	21-11129	MD21-00-0035	0–0.5	Sediment	Trimethylbenzene[1,3,5-]	0.0064	mg/kg	U
West canyon	21-11130	MD21-00-0036	0–0.5	Sediment	Aluminum	4800	mg/kg	J-
West canyon	21-11130	MD21-00-0036	0–0.5	Sediment	Antimony	0.52	mg/kg	J-
West canyon	21-11130	MD21-00-0036	0–0.5	Sediment	Arsenic	2.4	mg/kg	None
West canyon	21-11130	MD21-00-0036	0–0.5	Sediment	Barium	89	mg/kg	None
West canyon	21-11130	MD21-00-0036	0–0.5	Sediment	Beryllium	0.58	mg/kg	None
West canyon	21-11130	MD21-00-0036	0–0.5	Sediment	Cadmium	0.034	mg/kg	J

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11130	MD21-00-0036	0–0.5	Sediment	Calcium	1600	mg/kg	None
West canyon	21-11130	MD21-00-0036	0–0.5	Sediment	Chromium, total	5.1	mg/kg	None
West canyon	21-11130	MD21-00-0036	0–0.5	Sediment	Cobalt	4.1	mg/kg	None
West canyon	21-11130	MD21-00-0036	0–0.5	Sediment	Copper	6.7	mg/kg	None
West canyon	21-11130	MD21-00-0036	0–0.5	Sediment	Iron	11000	mg/kg	None
West canyon	21-11130	MD21-00-0036	0–0.5	Sediment	Magnesium	1000	mg/kg	None
West canyon	21-11130	MD21-00-0036	0–0.5	Sediment	Manganese	380	mg/kg	None
West canyon	21-11130	MD21-00-0036	0–0.5	Sediment	Mercury	0.016	mg/kg	U
West canyon	21-11130	MD21-00-0036	0–0.5	Sediment	Nickel	5.4	mg/kg	None
West canyon	21-11130	MD21-00-0036	0–0.5	Sediment	Potassium	870	mg/kg	None
West canyon	21-11130	MD21-00-0036	0–0.5	Sediment	Selenium	0.52	mg/kg	J+
West canyon	21-11130	MD21-00-0036	0–0.5	Sediment	Silver	0.089	mg/kg	U
West canyon	21-11130	MD21-00-0036	0–0.5	Sediment	Sodium	53	mg/kg	U
West canyon	21-11130	MD21-00-0036	0–0.5	Sediment	Thallium	0.35	mg/kg	U
West canyon	21-11130	MD21-00-0036	0–0.5	Sediment	Vanadium	16	mg/kg	None
West canyon	21-11130	MD21-00-0036	0–0.5	Sediment	Zinc	520	mg/kg	None
West canyon	21-11130	MD21-00-0036	0–0.5	Sediment	Acenaphthylene	3.4	mg/kg	U
West canyon	21-11130	MD21-00-0036	0–0.5	Sediment	Aniline	6.8	mg/kg	U
West canyon	21-11130	MD21-00-0036	0–0.5	Sediment	Azobenzene	6.8	mg/kg	U
West canyon	21-11130	MD21-00-0036	0–0.5	Sediment	Benzidine	3.4	mg/kg	U
West canyon	21-11130	MD21-00-0036	0–0.5	Sediment	Benzo(g,h,i)perylene	3.4	mg/kg	U
West canyon	21-11130	MD21-00-0036	0–0.5	Sediment	Benzoic acid	17	mg/kg	U
West canyon	21-11130	MD21-00-0036	0–0.5	Sediment	Benzyl alcohol	6.8	mg/kg	U
West canyon	21-11130	MD21-00-0036	0–0.5	Sediment	Bis(2-chloroethoxy)methane	3.4	mg/kg	U
West canyon	21-11130	MD21-00-0036	0–0.5	Sediment	Bis(2-chloroethyl)ether	3.4	mg/kg	U
West canyon	21-11130	MD21-00-0036	0–0.5	Sediment	Bis(2-ethylhexyl)phthalate	3.4	mg/kg	U
West canyon	21-11130	MD21-00-0036	0–0.5	Sediment	Bromophenyl-phenylether[4-]	3.4	mg/kg	U
West canyon	21-11130	MD21-00-0036	0–0.5	Sediment	Butylbenzylphthalate	3.4	mg/kg	U
West canyon	21-11130	MD21-00-0036	0–0.5	Sediment	Carbazole	3.4	mg/kg	U
West canyon	21-11130	MD21-00-0036	0–0.5	Sediment	Chloro-3-methylphenol[4-]	6.8	mg/kg	U
West canyon	21-11130	MD21-00-0036	0–0.5	Sediment	Chloroaniline[4-]	6.8	mg/kg	U
West canyon	21-11130	MD21-00-0036	0–0.5	Sediment	Chloronaphthalene[2-]	3.4	mg/kg	U
West canyon	21-11130	MD21-00-0036	0–0.5	Sediment	Chlorophenol[2-]	3.4	mg/kg	U
West canyon	21-11130	MD21-00-0036	0–0.5	Sediment	Chlorophenyl-phenyl[4-] ether	3.4	mg/kg	U
West canyon	21-11130	MD21-00-0036	0–0.5	Sediment	Di-n-butylphthalate	3.4	mg/kg	U
West canyon	21-11130	MD21-00-0036	0–0.5	Sediment	Di-n-octylphthalate	3.4	mg/kg	U
West canyon	21-11130	MD21-00-0036	0–0.5	Sediment	Dibenzofuran	3.4	mg/kg	U
West canyon	21-11130	MD21-00-0036	0–0.5	Sediment	Dichlorobenzene[1,2-]	3.4	mg/kg	U
West canyon	21-11130	MD21-00-0036	0–0.5	Sediment	Dichlorobenzene[1,3-]	3.4	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11130	MD21-00-0036	0–0.5	Sediment	Dichlorobenzene[1,4-]	3.4	mg/kg	U
West canyon	21-11130	MD21-00-0036	0–0.5	Sediment	Dichlorobenzidine[3,3'-]	6.8	mg/kg	U
West canyon	21-11130	MD21-00-0036	0–0.5	Sediment	Dichlorophenol[2,4-]	3.4	mg/kg	U
West canyon	21-11130	MD21-00-0036	0–0.5	Sediment	Diethylphthalate	3.4	mg/kg	U
West canyon	21-11130	MD21-00-0036	0–0.5	Sediment	Dimethyl phthalate	3.4	mg/kg	U
West canyon	21-11130	MD21-00-0036	0–0.5	Sediment	Dimethylphenol[2,4-]	3.4	mg/kg	U
West canyon	21-11130	MD21-00-0036	0–0.5	Sediment	Dinitro-2-methylphenol[4,6-]	17	mg/kg	U
West canyon	21-11130	MD21-00-0036	0–0.5	Sediment	Dinitrophenol[2,4-]	17	mg/kg	U
West canyon	21-11130	MD21-00-0036	0–0.5	Sediment	Dinitrotoluene[2,4-]	3.4	mg/kg	U
West canyon	21-11130	MD21-00-0036	0–0.5	Sediment	Dinitrotoluene[2,6-]	3.4	mg/kg	U
West canyon	21-11130	MD21-00-0036	0–0.5	Sediment	Hexachlorobenzene	3.4	mg/kg	U
West canyon	21-11130	MD21-00-0036	0–0.5	Sediment	Hexachlorobutadiene	3.4	mg/kg	U
West canyon	21-11130	MD21-00-0036	0–0.5	Sediment	Hexachlorocyclopentadiene	3.4	mg/kg	U
West canyon	21-11130	MD21-00-0036	0–0.5	Sediment	Hexachloroethane	3.4	mg/kg	U
West canyon	21-11130	MD21-00-0036	0–0.5	Sediment	Indeno(1,2,3-cd)pyrene	3.4	mg/kg	U
West canyon	21-11130	MD21-00-0036	0–0.5	Sediment	Isophorone	3.4	mg/kg	U
West canyon	21-11130	MD21-00-0036	0–0.5	Sediment	Methylphenol[2-]	3.4	mg/kg	U
West canyon	21-11130	MD21-00-0036	0–0.5	Sediment	Methylphenol[4-]	3.4	mg/kg	U
West canyon	21-11130	MD21-00-0036	0–0.5	Sediment	Nitroaniline[2-]	17	mg/kg	U
West canyon	21-11130	MD21-00-0036	0–0.5	Sediment	Nitroaniline[3-]	17	mg/kg	U
West canyon	21-11130	MD21-00-0036	0–0.5	Sediment	Nitroaniline[4-]	6.8	mg/kg	U
West canyon	21-11130	MD21-00-0036	0–0.5	Sediment	Nitrobenzene	3.4	mg/kg	U
West canyon	21-11130	MD21-00-0036	0–0.5	Sediment	Nitrophenol[2-]	3.4	mg/kg	U
West canyon	21-11130	MD21-00-0036	0–0.5	Sediment	Nitrophenol[4-]	17	mg/kg	U
West canyon	21-11130	MD21-00-0036	0–0.5	Sediment	Nitroso-di-n-propylamine[N-]	3.4	mg/kg	U
West canyon	21-11130	MD21-00-0036	0–0.5	Sediment	Nitrosodimethylamine[N-]	3.4	mg/kg	U
West canyon	21-11130	MD21-00-0036	0–0.5	Sediment	Nitrosodiphenylamine[N-]	3.4	mg/kg	U
West canyon	21-11130	MD21-00-0036	0–0.5	Sediment	Oxybis(1-chloropropane)[2,2'-]	3.4	mg/kg	U
West canyon	21-11130	MD21-00-0036	0–0.5	Sediment	Pentachlorophenol	17	mg/kg	U
West canyon	21-11130	MD21-00-0036	0–0.5	Sediment	Phenol	3.4	mg/kg	U
West canyon	21-11130	MD21-00-0036	0–0.5	Sediment	Pyridine	3.4	mg/kg	U
West canyon	21-11130	MD21-00-0036	0–0.5	Sediment	Trichlorobenzene[1,2,4-]	3.4	mg/kg	U
West canyon	21-11130	MD21-00-0036	0–0.5	Sediment	Trichlorophenol[2,4,5-]	17	mg/kg	U
West canyon	21-11130	MD21-00-0036	0–0.5	Sediment	Trichlorophenol[2,4,6-]	3.4	mg/kg	U
West canyon	21-11130	MD21-00-0036	0–0.5	Sediment	Trimethylbenzene[1,2,4-]	0.0066	mg/kg	U
West canyon	21-11130	MD21-00-0036	0–0.5	Sediment	Trimethylbenzene[1,3,5-]	0.0066	mg/kg	U
West canyon	21-11125	MD21-00-0040	0–0.5	Sediment	Trimethylbenzene[1,2,4-]	0.0052	mg/kg	U
West canyon	21-11125	MD21-00-0040	0–0.5	Sediment	Trimethylbenzene[1,3,5-]	0.0052	mg/kg	U
West canyon	21-11126	MD21-00-0041	0–0.5	Sediment	Trimethylbenzene[1,2,4-]	0.006	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11126	MD21-00-0041	0–0.5	Sediment	Trimethylbenzene[1,3,5-]	0.006	mg/kg	U
West canyon	21-11127	MD21-00-0042	0–0.5	Sediment	Trimethylbenzene[1,2,4-]	0.0052	mg/kg	U
West canyon	21-11127	MD21-00-0042	0–0.5	Sediment	Trimethylbenzene[1,3,5-]	0.0052	mg/kg	U
West canyon	21-11128	MD21-00-0043	0–0.5	Sediment	Trimethylbenzene[1,2,4-]	0.0057	mg/kg	U
West canyon	21-11128	MD21-00-0043	0–0.5	Sediment	Trimethylbenzene[1,3,5-]	0.0057	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Aluminum	2730	mg/kg	None
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Antimony	0.16	mg/kg	J-
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Arsenic	2.9	mg/kg	None
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Barium	45.4	mg/kg	None
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Beryllium	0.47	mg/kg	J
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Cadmium	0.31	mg/kg	None
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Calcium	1250	mg/kg	None
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Chromium, total	14.3	mg/kg	None
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Cobalt	1.8	mg/kg	None
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Copper	11.8	mg/kg	None
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Iron	6480	mg/kg	None
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Magnesium	399	mg/kg	None
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Manganese	189	mg/kg	J-
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Mercury	0.03	mg/kg	J
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Nickel	5.4	mg/kg	None
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Potassium	330	mg/kg	None
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Selenium	0.13	mg/kg	J
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Silver	0.61	mg/kg	None
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Sodium	305	mg/kg	None
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Thallium	0.19	mg/kg	J
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Vanadium	7.8	mg/kg	None
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Zinc	56.4	mg/kg	None
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Ethanol	5.9	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Acenaphthylene	0.81	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Aniline	0.81	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Azobenzene	0.81	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Benzo(g,h,i)perylene	0.15	mg/kg	J
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Benzoic acid	2	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Benzyl alcohol	0.81	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Bis(2-chloroethoxy)methane	0.81	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Bis(2-chloroethyl)ether	0.81	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Bis(2-ethylhexyl)phthalate	0.068	mg/kg	J
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Bromophenyl-phenylether[4-]	0.81	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Butylbenzylphthalate	0.81	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Chloro-3-methylphenol[4-]	0.81	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Chloroaniline[4-]	0.81	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Chloronaphthalene[2-]	0.81	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Chlorophenol[2-]	0.81	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.81	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Di-n-butylphthalate	0.81	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Di-n-octylphthalate	0.81	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Dibenzofuran	0.054	mg/kg	J
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Dichlorobenzene[1,2-]	0.81	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Dichlorobenzene[1,3-]	0.81	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Dichlorobenzene[1,4-]	0.81	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Dichlorobenzidine[3,3'-]	0.81	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Dichlorophenol[2,4-]	0.81	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Diethylphthalate	0.81	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Dimethyl phthalate	0.81	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Dimethylphenol[2,4-]	0.81	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Dinitro-2-methylphenol[4,6-]	2	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Dinitrophenol[2,4-]	2	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Dinitrotoluene[2,4-]	0.81	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Dinitrotoluene[2,6-]	0.81	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Hexachlorobenzene	0.81	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Hexachlorobutadiene	0.81	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Hexachlorocyclopentadiene	0.81	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Hexachloroethane	0.81	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Indeno(1,2,3-cd)pyrene	0.13	mg/kg	J
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Isophorone	0.81	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Methylphenol[2-]	0.81	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Methylphenol[4-]	0.81	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Nitroaniline[2-]	2	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Nitroaniline[3-]	2	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Nitroaniline[4-]	0.81	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Nitrobenzene	0.81	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Nitrophenol[2-]	0.81	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Nitrophenol[4-]	2	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Nitroso-di-n-propylamine[N-]	0.81	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Nitrosodimethylamine[N-]	0.81	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Nitrosodiphenylamine[N-]	0.81	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.81	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Pentachlorophenol	2	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Phenol	0.81	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Pyridine	0.81	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Trichlorobenzene[1,2,4-]	0.81	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Trichlorophenol[2,4,5-]	2	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Trichlorophenol[2,4,6-]	0.81	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Acetone	0.022	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Bromobenzene	0.006	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Bromochloromethane	0.006	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Bromodichloromethane	0.006	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Bromoform	0.006	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Bromomethane	0.011	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Butanone[2-]	0.022	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Butylbenzene[n-]	0.006	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Butylbenzene[sec-]	0.006	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Butylbenzene[tert-]	0.006	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Carbon disulfide	0.006	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Carbon tetrachloride	0.006	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Chlorobenzene	0.006	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Chlorodibromomethane	0.006	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Chloroethane	0.011	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Chloroform	0.006	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Chloromethane	0.011	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Chlorotoluene[2-]	0.006	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Chlorotoluene[4-]	0.006	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Dibromo-3-chloropropane[1,2-]	0.011	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Dibromomethane	0.006	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Dichlorobenzene[1,2-]	0.006	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Dichlorobenzene[1,3-]	0.006	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Dichlorobenzene[1,4-]	0.006	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Dichlorodifluoromethane	0.011	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Dichloroethane[1,1-]	0.006	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Dichloroethene[1,1-]	0.006	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Dichloroethene[cis-1,2-]	0.006	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Dichloroethene[trans-1,2-]	0.006	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Dichloropropane[1,2-]	0.006	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Dichloropropane[1,3-]	0.006	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Dichloropropane[2,2-]	0.006	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Dichloropropene[1,1-]	0.006	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Dichloropropene[cis-1,3-]	0.006	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Dichloropropene[trans-1,3-]	0.006	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Hexanone[2-]	0.022	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Iodomethane	0.006	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Isopropylbenzene	0.006	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Isopropyltoluene[4-]	0.006	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Methyl-2-pentanone[4-]	0.022	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Methylene chloride	0.01	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Propylbenzene[1-]	0.006	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Styrene	0.006	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Tetrachloroethane[1,1,1,2-]	0.006	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Tetrachloroethane[1,1,2,2-]	0.006	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Tetrachloroethene	0.006	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.005	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Trichloroethane[1,1,1-]	0.006	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Trichloroethane[1,1,2-]	0.006	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Trichloroethene	0.006	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Trichlorofluoromethane	0.002	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Trichloropropane[1,2,3-]	0.006	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Trimethylbenzene[1,2,4-]	0.006	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Trimethylbenzene[1,3,5-]	0.006	mg/kg	U
West canyon	21-11142	MD21-00-0063	1–2	Qbt 3	Vinyl chloride	0.011	mg/kg	U
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Aluminum	3730	mg/kg	None
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Antimony	0.06	mg/kg	UJ
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Arsenic	2.1	mg/kg	None
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Barium	27.8	mg/kg	None
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Beryllium	0.68	mg/kg	None
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Cadmium	0.12	mg/kg	J
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Calcium	2080	mg/kg	None
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Chromium, total	8.4	mg/kg	None
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Cobalt	1.2	mg/kg	J
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Copper	37.7	mg/kg	None
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Iron	6140	mg/kg	None
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Magnesium	322	mg/kg	None
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Manganese	236	mg/kg	J-
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Mercury	0.01	mg/kg	U
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Nickel	5	mg/kg	None
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Potassium	373	mg/kg	None
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Selenium	0.19	mg/kg	J
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Silver	0.58	mg/kg	J

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Sodium	183	mg/kg	None
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Thallium	0.12	mg/kg	J
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Vanadium	3.3	mg/kg	None
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Zinc	41.8	mg/kg	None
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Ethanol	6.3	mg/kg	U
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Acenaphthylene	0.82	mg/kg	U
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Aniline	0.82	mg/kg	U
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Azobenzene	0.82	mg/kg	U
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Benzo(g,h,i)perylene	0.82	mg/kg	U
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Benzoic acid	2.1	mg/kg	UJ
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Benzyl alcohol	0.82	mg/kg	UJ
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Bis(2-chloroethoxy)methane	0.82	mg/kg	UJ
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Bis(2-chloroethyl)ether	0.82	mg/kg	UJ
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Bis(2-ethylhexyl)phthalate	0.82	mg/kg	U
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Bromophenyl-phenylether[4-]	0.82	mg/kg	U
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Butylbenzylphthalate	0.82	mg/kg	U
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Chloro-3-methylphenol[4-]	0.82	mg/kg	UJ
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Chloroaniline[4-]	0.82	mg/kg	UJ
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Chloronaphthalene[2-]	0.82	mg/kg	U
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Chlorophenol[2-]	0.82	mg/kg	UJ
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.82	mg/kg	U
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Di-n-butylphthalate	0.82	mg/kg	U
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Di-n-octylphthalate	0.82	mg/kg	U
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Dibenzofuran	0.82	mg/kg	U
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Dichlorobenzene[1,2-]	0.82	mg/kg	UJ
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Dichlorobenzene[1,3-]	0.82	mg/kg	UJ
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Dichlorobenzene[1,4-]	0.82	mg/kg	UJ
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Dichlorobenzidine[3,3'-]	0.82	mg/kg	U
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Dichlorophenol[2,4-]	0.82	mg/kg	UJ
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Diethylphthalate	0.82	mg/kg	U
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Dimethyl phthalate	0.82	mg/kg	U
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Dimethylphenol[2,4-]	0.82	mg/kg	UJ
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Dinitro-2-methylphenol[4,6-]	2.1	mg/kg	U
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Dinitrophenol[2,4-]	2.1	mg/kg	U
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Dinitrotoluene[2,4-]	0.82	mg/kg	U
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Dinitrotoluene[2,6-]	0.82	mg/kg	U
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Hexachlorobenzene	0.82	mg/kg	U
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Hexachlorobutadiene	0.82	mg/kg	UJ
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Hexachlorocyclopentadiene	0.82	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Hexachloroethane	0.82	mg/kg	UJ
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Indeno(1,2,3-cd)pyrene	0.82	mg/kg	U
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Isophorone	0.82	mg/kg	UJ
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Methylphenol[2-]	0.82	mg/kg	UJ
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Methylphenol[4-]	0.82	mg/kg	UJ
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Nitroaniline[2-]	2.1	mg/kg	U
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Nitroaniline[3-]	2.1	mg/kg	U
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Nitroaniline[4-]	0.82	mg/kg	U
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Nitrobenzene	0.82	mg/kg	UJ
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Nitrophenol[2-]	0.82	mg/kg	UJ
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Nitrophenol[4-]	2.1	mg/kg	U
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Nitroso-di-n-propylamine[N-]	0.82	mg/kg	UJ
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Nitrosodimethylamine[N-]	0.82	mg/kg	U
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Nitrosodiphenylamine[N-]	0.82	mg/kg	U
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.82	mg/kg	UJ
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Pentachlorophenol	2.1	mg/kg	U
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Phenol	0.82	mg/kg	UJ
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Pyridine	0.82	mg/kg	U
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Trichlorobenzene[1,2,4-]	0.82	mg/kg	UJ
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Trichlorophenol[2,4,5-]	2.1	mg/kg	U
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Trichlorophenol[2,4,6-]	0.82	mg/kg	U
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Acetone	0.017	mg/kg	U
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Bromobenzene	0.006	mg/kg	U
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Bromochloromethane	0.006	mg/kg	U
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Bromodichloromethane	0.006	mg/kg	U
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Bromoform	0.006	mg/kg	U
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Bromomethane	0.011	mg/kg	U
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Butanone[2-]	0.022	mg/kg	U
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Butylbenzene[n-]	0.006	mg/kg	U
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Butylbenzene[sec-]	0.006	mg/kg	U
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Butylbenzene[tert-]	0.006	mg/kg	U
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Carbon disulfide	0.006	mg/kg	U
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Carbon tetrachloride	0.006	mg/kg	U
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Chlorobenzene	0.006	mg/kg	U
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Chlorodibromomethane	0.006	mg/kg	U
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Chloroethane	0.011	mg/kg	U
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Chloroform	0.006	mg/kg	U
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Chloromethane	0.011	mg/kg	U
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Chlorotoluene[2-]	0.006	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Chlorotoluene[4-]	0.006	mg/kg	U
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Dibromo-3-chloropropane[1,2-]	0.011	mg/kg	U
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Dibromomethane	0.006	mg/kg	U
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Dichlorobenzene[1,2-]	0.006	mg/kg	U
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Dichlorobenzene[1,3-]	0.006	mg/kg	U
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Dichlorobenzene[1,4-]	0.006	mg/kg	U
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Dichlorodifluoromethane	0.011	mg/kg	U
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Dichloroethane[1,1-]	0.006	mg/kg	U
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Dichloroethene[1,1-]	0.006	mg/kg	U
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Dichloroethene[cis-1,2-]	0.006	mg/kg	U
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Dichloroethene[trans-1,2-]	0.006	mg/kg	U
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Dichloropropane[1,2-]	0.006	mg/kg	U
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Dichloropropane[1,3-]	0.006	mg/kg	U
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Dichloropropane[2,2-]	0.006	mg/kg	U
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Dichloropropene[1,1-]	0.006	mg/kg	U
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Dichloropropene[cis-1,3-]	0.006	mg/kg	U
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Dichloropropene[trans-1,3-]	0.006	mg/kg	U
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Hexanone[2-]	0.022	mg/kg	U
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Iodomethane	0.006	mg/kg	U
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Isopropylbenzene	0.006	mg/kg	U
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Isopropyltoluene[4-]	0.006	mg/kg	U
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Methyl-2-pentanone[4-]	0.022	mg/kg	U
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Methylene chloride	0.01	mg/kg	U
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Propylbenzene[1-]	0.006	mg/kg	U
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Styrene	0.006	mg/kg	U
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Tetrachloroethane[1,1,1,2-]	0.006	mg/kg	U
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Tetrachloroethane[1,1,2,2-]	0.006	mg/kg	U
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Tetrachloroethene	0.006	mg/kg	U
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.006	mg/kg	U
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Trichloroethane[1,1,1-]	0.006	mg/kg	U
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Trichloroethane[1,1,2-]	0.006	mg/kg	U
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Trichloroethene	0.006	mg/kg	U
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Trichlorofluoromethane	0.002	mg/kg	U
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Trichloropropane[1,2,3-]	0.006	mg/kg	U
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Trimethylbenzene[1,2,4-]	0.006	mg/kg	U
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Trimethylbenzene[1,3,5-]	0.006	mg/kg	U
West canyon	21-11142	MD21-00-0064	2–3	Qbt 3	Vinyl chloride	0.011	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Aluminum	2200	mg/kg	None
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Antimony	0.165	mg/kg	UJ

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Arsenic	1.5	mg/kg	None
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Barium	11	mg/kg	None
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Beryllium	0.36	mg/kg	J
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Cadmium	0.066	mg/kg	J
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Calcium	330	mg/kg	None
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Chromium, total	2.9	mg/kg	None
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Cobalt	1.5	mg/kg	None
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Copper	2	mg/kg	None
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Iron	6100	mg/kg	None
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Magnesium	300	mg/kg	None
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Manganese	210	mg/kg	J-
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Mercury	0.0183	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Nickel	1.88	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Potassium	300	mg/kg	None
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Selenium	0.0784	mg/kg	UJ
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Silver	0.215	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Sodium	75	mg/kg	None
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Thallium	0.11	mg/kg	J
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Vanadium	3.9	mg/kg	None
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Zinc	41	mg/kg	None
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Ethanol	5.2	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Acenaphthylene	0.34	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Aniline	0.34	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Azobenzene	0.34	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Benzo(g,h,i)perylene	0.34	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Benzoic acid	0.84	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Benzyl alcohol	0.34	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Bis(2-chloroethoxy)methane	0.34	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Bis(2-chloroethyl)ether	0.34	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Bis(2-ethylhexyl)phthalate	0.065	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Bromophenyl-phenylether[4-]	0.34	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Butylbenzylphthalate	0.34	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Chloro-3-methylphenol[4-]	0.34	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Chloroaniline[4-]	0.34	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Chloronaphthalene[2-]	0.34	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Chlorophenol[2-]	0.34	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.34	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Di-n-butylphthalate	0.34	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Di-n-octylphthalate	0.34	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Dibenzofuran	0.34	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Dichlorobenzene[1,2-]	0.34	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Dichlorobenzene[1,3-]	0.34	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Dichlorobenzene[1,4-]	0.34	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Dichlorobenzidine[3,3'-]	0.34	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Dichlorophenol[2,4-]	0.34	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Diethylphthalate	0.34	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Dimethyl phthalate	0.34	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Dimethylphenol[2,4-]	0.34	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Dinitro-2-methylphenol[4,6-]	0.84	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Dinitrophenol[2,4-]	0.84	mg/kg	UJ
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Dinitrotoluene[2,4-]	0.34	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Dinitrotoluene[2,6-]	0.34	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Hexachlorobenzene	0.34	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Hexachlorobutadiene	0.34	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Hexachlorocyclopentadiene	0.34	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Hexachloroethane	0.34	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Indeno(1,2,3-cd)pyrene	0.34	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Isophorone	0.34	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Methylphenol[2-]	0.34	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Methylphenol[4-]	0.34	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Nitroaniline[2-]	0.84	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Nitroaniline[3-]	0.84	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Nitroaniline[4-]	0.34	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Nitrobenzene	0.34	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Nitrophenol[2-]	0.34	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Nitrophenol[4-]	0.84	mg/kg	UJ
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Nitroso-di-n-propylamine[N-]	0.34	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Nitrosodimethylamine[N-]	0.34	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Nitrosodiphenylamine[N-]	0.34	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.34	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Pentachlorophenol	0.84	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Phenol	0.027	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Pyridine	0.34	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Trichlorobenzene[1,2,4-]	0.34	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Trichlorophenol[2,4,5-]	0.84	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Trichlorophenol[2,4,6-]	0.34	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Acetone	0.009	mg/kg	R
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Bromobenzene	0.006	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Bromochloromethane	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Bromodichloromethane	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Bromoform	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Bromomethane	0.012	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Butanone[2-]	0.024	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Butylbenzene[n-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Butylbenzene[sec-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Butylbenzene[tert-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Carbon disulfide	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Carbon tetrachloride	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Chlorobenzene	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Chlorodibromomethane	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Chloroethane	0.012	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Chloroform	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Chloromethane	0.012	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Chlorotoluene[2-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Chlorotoluene[4-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Dibromo-3-chloropropane[1,2-]	0.012	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Dibromomethane	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Dichlorobenzene[1,2-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Dichlorobenzene[1,3-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Dichlorobenzene[1,4-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Dichlorodifluoromethane	0.012	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Dichloroethane[1,1-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Dichloroethene[1,1-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Dichloroethene[cis-1,2-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Dichloroethene[trans-1,2-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Dichloropropane[1,2-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Dichloropropane[1,3-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Dichloropropane[2,2-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Dichloropropene[1,1-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Dichloropropene[cis-1,3-]	0.006	mg/kg	UJ
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Dichloropropene[trans-1,3-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Hexanone[2-]	0.024	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Iodomethane	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Isopropylbenzene	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Isopropyltoluene[4-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Methyl-2-pentanone[4-]	0.024	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Methylene chloride	0.014	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Propylbenzene[1-]	0.006	mg/kg	UJ
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Styrene	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Tetrachloroethane[1,1,1,2-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Tetrachloroethane[1,1,2,2-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Tetrachloroethene	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Trichloroethane[1,1,1-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Trichloroethane[1,1,2-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Trichloroethene	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Trichlorofluoromethane	0.002	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Trichloropropane[1,2,3-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Trimethylbenzene[1,2,4-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Trimethylbenzene[1,3,5-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0073	37–38	Qbt 3	Vinyl chloride	0.012	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Aluminum	11000	mg/kg	None
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Antimony	0.172	mg/kg	UJ
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Arsenic	3.9	mg/kg	None
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Barium	46	mg/kg	None
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Beryllium	0.78	mg/kg	None
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Cadmium	0.062	mg/kg	J
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Calcium	1000	mg/kg	None
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Chromium, total	7	mg/kg	None
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Cobalt	3	mg/kg	None
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Copper	5.3	mg/kg	None
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Iron	12000	mg/kg	None
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Magnesium	1400	mg/kg	None
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Manganese	190	mg/kg	J-
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Mercury	0.0191	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Nickel	4.8	mg/kg	None
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Potassium	1200	mg/kg	None
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Selenium	0.14	mg/kg	J-
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Silver	0.225	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Sodium	96	mg/kg	None
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Thallium	0.23	mg/kg	J
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Vanadium	16	mg/kg	None
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Zinc	46	mg/kg	None
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Ethanol	5.4	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Acenaphthylene	0.36	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Aniline	0.36	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Azobenzene	0.36	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Benzo(g,h,i)perylene	0.36	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Benzoic acid	0.89	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Benzyl alcohol	0.36	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Bis(2-chloroethoxy)methane	0.36	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Bis(2-chloroethyl)ether	0.36	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Bis(2-ethylhexyl)phthalate	0.054	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Bromophenyl-phenylether[4-]	0.36	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Butylbenzylphthalate	0.36	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Chloro-3-methylphenol[4-]	0.36	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Chloroaniline[4-]	0.36	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Chloronaphthalene[2-]	0.36	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Chlorophenol[2-]	0.36	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.36	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Di-n-butylphthalate	0.36	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Di-n-octylphthalate	0.36	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Dibenzofuran	0.36	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Dichlorobenzene[1,2-]	0.36	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Dichlorobenzene[1,3-]	0.36	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Dichlorobenzene[1,4-]	0.36	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Dichlorobenzidine[3,3'-]	0.36	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Dichlorophenol[2,4-]	0.36	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Diethylphthalate	0.36	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Dimethyl phthalate	0.36	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Dimethylphenol[2,4-]	0.36	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Dinitro-2-methylphenol[4,6-]	0.89	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Dinitrophenol[2,4-]	0.89	mg/kg	UJ
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Dinitrotoluene[2,4-]	0.36	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Dinitrotoluene[2,6-]	0.36	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Hexachlorobenzene	0.36	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Hexachlorobutadiene	0.36	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Hexachlorocyclopentadiene	0.36	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Hexachloroethane	0.36	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Indeno(1,2,3-cd)pyrene	0.36	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Isophorone	0.36	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Methylphenol[2-]	0.36	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Methylphenol[4-]	0.36	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Nitroaniline[2-]	0.89	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Nitroaniline[3-]	0.89	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Nitroaniline[4-]	0.36	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Nitrobenzene	0.36	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Nitrophenol[2-]	0.36	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Nitrophenol[4-]	0.89	mg/kg	UJ
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Nitroso-di-n-propylamine[N-]	0.36	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Nitrosodimethylamine[N-]	0.36	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Nitrosodiphenylamine[N-]	0.36	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.36	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Pentachlorophenol	0.89	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Phenol	0.36	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Pyridine	0.36	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Trichlorobenzene[1,2,4-]	0.36	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Trichlorophenol[2,4,5-]	0.89	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Trichlorophenol[2,4,6-]	0.36	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Acetone	0.011	mg/kg	R
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Bromobenzene	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Bromochloromethane	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Bromodichloromethane	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Bromoform	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Bromomethane	0.012	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Butanone[2-]	0.024	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Butylbenzene[n-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Butylbenzene[sec-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Butylbenzene[tert-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Carbon disulfide	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Carbon tetrachloride	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Chlorobenzene	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Chlorodibromomethane	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Chloroethane	0.012	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Chloroform	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Chloromethane	0.012	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Chlorotoluene[2-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Chlorotoluene[4-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Dibromo-3-chloropropane[1,2-]	0.012	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Dibromomethane	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Dichlorobenzene[1,2-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Dichlorobenzene[1,3-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Dichlorobenzene[1,4-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Dichlorodifluoromethane	0.012	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Dichloroethane[1,1-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Dichloroethene[1,1-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Dichloroethene[cis-1,2-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Dichloroethene[trans-1,2-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Dichloropropane[1,2-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Dichloropropane[1,3-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Dichloropropane[2,2-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Dichloropropene[1,1-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Dichloropropene[cis-1,3-]	0.006	mg/kg	UJ
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Dichloropropene[trans-1,3-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Hexanone[2-]	0.024	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Iodomethane	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Isopropylbenzene	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Isopropyltoluene[4-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Methyl-2-pentanone[4-]	0.024	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Methylene chloride	0.013	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Propylbenzene[1-]	0.006	mg/kg	UJ
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Styrene	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Tetrachloroethane[1,1,1,2-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Tetrachloroethane[1,1,2,2-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Tetrachloroethene	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Trichloroethane[1,1,1-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Trichloroethane[1,1,2-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Trichloroethene	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Trichlorofluoromethane	0.002	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Trichloropropane[1,2,3-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Trimethylbenzene[1,2,4-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Trimethylbenzene[1,3,5-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0074	44–45	Qbt 3	Vinyl chloride	0.012	mg/kg	U
West canyon	21-11125	MD21-00-0078	0–0.5	Sediment	Aluminum	2000	mg/kg	J-
West canyon	21-11125	MD21-00-0078	0–0.5	Sediment	Antimony	0.38	mg/kg	UJ
West canyon	21-11125	MD21-00-0078	0–0.5	Sediment	Arsenic	1.4	mg/kg	None
West canyon	21-11125	MD21-00-0078	0–0.5	Sediment	Barium	30	mg/kg	None
West canyon	21-11125	MD21-00-0078	0–0.5	Sediment	Beryllium	0.44	mg/kg	J
West canyon	21-11125	MD21-00-0078	0–0.5	Sediment	Cadmium	0.02	mg/kg	U
West canyon	21-11125	MD21-00-0078	0–0.5	Sediment	Calcium	3800	mg/kg	None
West canyon	21-11125	MD21-00-0078	0–0.5	Sediment	Chromium, total	7.4	mg/kg	None
West canyon	21-11125	MD21-00-0078	0–0.5	Sediment	Cobalt	1.9	mg/kg	None

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11125	MD21-00-0078	0–0.5	Sediment	Copper	4.9	mg/kg	None
West canyon	21-11125	MD21-00-0078	0–0.5	Sediment	Iron	5100	mg/kg	None
West canyon	21-11125	MD21-00-0078	0–0.5	Sediment	Magnesium	520	mg/kg	None
West canyon	21-11125	MD21-00-0078	0–0.5	Sediment	Manganese	210	mg/kg	None
West canyon	21-11125	MD21-00-0078	0–0.5	Sediment	Mercury	0.011	mg/kg	U
West canyon	21-11125	MD21-00-0078	0–0.5	Sediment	Nickel	2.6	mg/kg	None
West canyon	21-11125	MD21-00-0078	0–0.5	Sediment	Potassium	310	mg/kg	None
West canyon	21-11125	MD21-00-0078	0–0.5	Sediment	Selenium	0.38	mg/kg	U
West canyon	21-11125	MD21-00-0078	0–0.5	Sediment	Silver	0.095	mg/kg	U
West canyon	21-11125	MD21-00-0078	0–0.5	Sediment	Sodium	73	mg/kg	J
West canyon	21-11125	MD21-00-0078	0–0.5	Sediment	Thallium	0.37	mg/kg	U
West canyon	21-11125	MD21-00-0078	0–0.5	Sediment	Vanadium	7.4	mg/kg	None
West canyon	21-11125	MD21-00-0078	0–0.5	Sediment	Zinc	62	mg/kg	None
West canyon	21-11125	MD21-00-0078	0–0.5	Sediment	Ethanol	5.5	mg/kg	U
West canyon	21-11125	MD21-00-0078	0–0.5	Sediment	Aroclor-1016	0.037	mg/kg	U
West canyon	21-11125	MD21-00-0078	0–0.5	Sediment	Aroclor-1221	0.073	mg/kg	U
West canyon	21-11125	MD21-00-0078	0–0.5	Sediment	Aroclor-1232	0.037	mg/kg	U
West canyon	21-11125	MD21-00-0078	0–0.5	Sediment	Aroclor-1242	0.037	mg/kg	U
West canyon	21-11125	MD21-00-0078	0–0.5	Sediment	Aroclor-1248	0.037	mg/kg	U
West canyon	21-11125	MD21-00-0078	0–0.5	Sediment	Aroclor-1254	0.037	mg/kg	U
West canyon	21-11125	MD21-00-0078	0–0.5	Sediment	Aroclor-1260	0.037	mg/kg	U
West canyon	21-11125	MD21-00-0078	0–0.5	Sediment	Acenaphthylene	3.7	mg/kg	U
West canyon	21-11125	MD21-00-0078	0–0.5	Sediment	Aniline	7.3	mg/kg	U
West canyon	21-11125	MD21-00-0078	0–0.5	Sediment	Azobenzene	7.3	mg/kg	U
West canyon	21-11125	MD21-00-0078	0–0.5	Sediment	Benzidine	3.7	mg/kg	U
West canyon	21-11125	MD21-00-0078	0–0.5	Sediment	Benzo(g,h,i)perylene	3.7	mg/kg	U
West canyon	21-11125	MD21-00-0078	0–0.5	Sediment	Benzoic acid	18	mg/kg	U
West canyon	21-11125	MD21-00-0078	0–0.5	Sediment	Benzyl alcohol	7.3	mg/kg	U
West canyon	21-11125	MD21-00-0078	0–0.5	Sediment	Bis(2-chloroethoxy)methane	3.7	mg/kg	U
West canyon	21-11125	MD21-00-0078	0–0.5	Sediment	Bis(2-chloroethyl)ether	3.7	mg/kg	U
West canyon	21-11125	MD21-00-0078	0–0.5	Sediment	Bis(2-ethylhexyl)phthalate	3.7	mg/kg	U
West canyon	21-11125	MD21-00-0078	0–0.5	Sediment	Bromophenyl-phenylether[4-]	3.7	mg/kg	U
West canyon	21-11125	MD21-00-0078	0–0.5	Sediment	Butylbenzylphthalate	3.7	mg/kg	U
West canyon	21-11125	MD21-00-0078	0–0.5	Sediment	Carbazole	3.7	mg/kg	U
West canyon	21-11125	MD21-00-0078	0–0.5	Sediment	Chloro-3-methylphenol[4-]	7.3	mg/kg	U
West canyon	21-11125	MD21-00-0078	0–0.5	Sediment	Chloroaniline[4-]	7.3	mg/kg	U
West canyon	21-11125	MD21-00-0078	0–0.5	Sediment	Chloronaphthalene[2-]	3.7	mg/kg	U
West canyon	21-11125	MD21-00-0078	0–0.5	Sediment	Chlorophenol[2-]	3.7	mg/kg	U
West canyon	21-11125	MD21-00-0078	0–0.5	Sediment	Chlorophenyl-phenyl[4-] ether	3.7	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11125	MD21-00-0078	0–0.5	Sediment	Di-n-butylphthalate	3.7	mg/kg	U
West canyon	21-11125	MD21-00-0078	0–0.5	Sediment	Di-n-octylphthalate	3.7	mg/kg	U
West canyon	21-11125	MD21-00-0078	0–0.5	Sediment	Dibenzofuran	3.7	mg/kg	U
West canyon	21-11125	MD21-00-0078	0–0.5	Sediment	Dichlorobenzene[1,2-]	3.7	mg/kg	U
West canyon	21-11125	MD21-00-0078	0–0.5	Sediment	Dichlorobenzene[1,3-]	3.7	mg/kg	U
West canyon	21-11125	MD21-00-0078	0–0.5	Sediment	Dichlorobenzene[1,4-]	3.7	mg/kg	U
West canyon	21-11125	MD21-00-0078	0–0.5	Sediment	Dichlorobenzidine[3,3'-]	7.3	mg/kg	U
West canyon	21-11125	MD21-00-0078	0–0.5	Sediment	Dichlorophenol[2,4-]	3.7	mg/kg	U
West canyon	21-11125	MD21-00-0078	0–0.5	Sediment	Diethylphthalate	3.7	mg/kg	U
West canyon	21-11125	MD21-00-0078	0–0.5	Sediment	Dimethyl phthalate	3.7	mg/kg	U
West canyon	21-11125	MD21-00-0078	0–0.5	Sediment	Dimethylphenol[2,4-]	3.7	mg/kg	U
West canyon	21-11125	MD21-00-0078	0–0.5	Sediment	Dinitro-2-methylphenol[4,6-]	18	mg/kg	U
West canyon	21-11125	MD21-00-0078	0–0.5	Sediment	Dinitrophenol[2,4-]	18	mg/kg	U
West canyon	21-11125	MD21-00-0078	0–0.5	Sediment	Dinitrotoluene[2,4-]	3.7	mg/kg	U
West canyon	21-11125	MD21-00-0078	0–0.5	Sediment	Dinitrotoluene[2,6-]	3.7	mg/kg	U
West canyon	21-11125	MD21-00-0078	0–0.5	Sediment	Hexachlorobenzene	3.7	mg/kg	U
West canyon	21-11125	MD21-00-0078	0–0.5	Sediment	Hexachlorobutadiene	3.7	mg/kg	U
West canyon	21-11125	MD21-00-0078	0–0.5	Sediment	Hexachlorocyclopentadiene	3.7	mg/kg	U
West canyon	21-11125	MD21-00-0078	0–0.5	Sediment	Hexachloroethane	3.7	mg/kg	U
West canyon	21-11125	MD21-00-0078	0–0.5	Sediment	Indeno(1,2,3-cd)pyrene	3.7	mg/kg	U
West canyon	21-11125	MD21-00-0078	0–0.5	Sediment	Isophorone	3.7	mg/kg	U
West canyon	21-11125	MD21-00-0078	0–0.5	Sediment	Methylphenol[2-]	3.7	mg/kg	U
West canyon	21-11125	MD21-00-0078	0–0.5	Sediment	Methylphenol[4-]	3.7	mg/kg	U
West canyon	21-11125	MD21-00-0078	0–0.5	Sediment	Nitroaniline[2-]	18	mg/kg	U
West canyon	21-11125	MD21-00-0078	0–0.5	Sediment	Nitroaniline[3-]	18	mg/kg	U
West canyon	21-11125	MD21-00-0078	0–0.5	Sediment	Nitroaniline[4-]	7.3	mg/kg	U
West canyon	21-11125	MD21-00-0078	0–0.5	Sediment	Nitrobenzene	3.7	mg/kg	U
West canyon	21-11125	MD21-00-0078	0–0.5	Sediment	Nitrophenol[2-]	3.7	mg/kg	U
West canyon	21-11125	MD21-00-0078	0–0.5	Sediment	Nitrophenol[4-]	18	mg/kg	U
West canyon	21-11125	MD21-00-0078	0–0.5	Sediment	Nitroso-di-n-propylamine[N-]	3.7	mg/kg	U
West canyon	21-11125	MD21-00-0078	0–0.5	Sediment	Nitrosodimethylamine[N-]	3.7	mg/kg	U
West canyon	21-11125	MD21-00-0078	0–0.5	Sediment	Nitrosodiphenylamine[N-]	3.7	mg/kg	U
West canyon	21-11125	MD21-00-0078	0–0.5	Sediment	Oxybis(1-chloropropane)[2,2'-]	3.7	mg/kg	U
West canyon	21-11125	MD21-00-0078	0–0.5	Sediment	Pentachlorophenol	18	mg/kg	U
West canyon	21-11125	MD21-00-0078	0–0.5	Sediment	Phenol	3.7	mg/kg	U
West canyon	21-11125	MD21-00-0078	0–0.5	Sediment	Pyridine	3.7	mg/kg	U
West canyon	21-11125	MD21-00-0078	0–0.5	Sediment	Trichlorobenzene[1,2,4-]	3.7	mg/kg	U
West canyon	21-11125	MD21-00-0078	0–0.5	Sediment	Trichlorophenol[2,4,5-]	18	mg/kg	U
West canyon	21-11125	MD21-00-0078	0–0.5	Sediment	Trichlorophenol[2,4,6-]	3.7	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11125	MD21-00-0078	0–0.5	Sediment	Americium-241	-0.001	pCi/g	U
West canyon	21-11125	MD21-00-0078	0–0.5	Sediment	Tritium	0.003	pCi/g	U
West canyon	21-11125	MD21-00-0078	0–0.5	Sediment	Plutonium-238	0.0011	pCi/g	U
West canyon	21-11125	MD21-00-0078	0–0.5	Sediment	Plutonium-239	0.0057	pCi/g	U
West canyon	21-11125	MD21-00-0078	0–0.5	Sediment	Uranium-234	0.58	pCi/g	None
West canyon	21-11125	MD21-00-0078	0–0.5	Sediment	Strontium-90	0.19	pCi/g	U
West canyon	21-11126	MD21-00-0079	0–0.5	Sediment	Aluminum	1400	mg/kg	J-
West canyon	21-11126	MD21-00-0079	0–0.5	Sediment	Antimony	0.38	mg/kg	UJ
West canyon	21-11126	MD21-00-0079	0–0.5	Sediment	Arsenic	1.3	mg/kg	None
West canyon	21-11126	MD21-00-0079	0–0.5	Sediment	Barium	29	mg/kg	None
West canyon	21-11126	MD21-00-0079	0–0.5	Sediment	Beryllium	0.25	mg/kg	J
West canyon	21-11126	MD21-00-0079	0–0.5	Sediment	Cadmium	0.019	mg/kg	U
West canyon	21-11126	MD21-00-0079	0–0.5	Sediment	Calcium	8400	mg/kg	None
West canyon	21-11126	MD21-00-0079	0–0.5	Sediment	Chromium, total	6.2	mg/kg	None
West canyon	21-11126	MD21-00-0079	0–0.5	Sediment	Cobalt	1.7	mg/kg	None
West canyon	21-11126	MD21-00-0079	0–0.5	Sediment	Copper	8.7	mg/kg	None
West canyon	21-11126	MD21-00-0079	0–0.5	Sediment	Iron	7300	mg/kg	None
West canyon	21-11126	MD21-00-0079	0–0.5	Sediment	Magnesium	680	mg/kg	None
West canyon	21-11126	MD21-00-0079	0–0.5	Sediment	Manganese	200	mg/kg	None
West canyon	21-11126	MD21-00-0079	0–0.5	Sediment	Mercury	0.032	mg/kg	U
West canyon	21-11126	MD21-00-0079	0–0.5	Sediment	Nickel	2.5	mg/kg	None
West canyon	21-11126	MD21-00-0079	0–0.5	Sediment	Potassium	260	mg/kg	None
West canyon	21-11126	MD21-00-0079	0–0.5	Sediment	Selenium	0.38	mg/kg	U
West canyon	21-11126	MD21-00-0079	0–0.5	Sediment	Silver	0.094	mg/kg	U
West canyon	21-11126	MD21-00-0079	0–0.5	Sediment	Sodium	75	mg/kg	J
West canyon	21-11126	MD21-00-0079	0–0.5	Sediment	Thallium	0.36	mg/kg	U
West canyon	21-11126	MD21-00-0079	0–0.5	Sediment	Vanadium	6.5	mg/kg	None
West canyon	21-11126	MD21-00-0079	0–0.5	Sediment	Zinc	76	mg/kg	None
West canyon	21-11126	MD21-00-0079	0–0.5	Sediment	Aroclor-1016	0.036	mg/kg	U
West canyon	21-11126	MD21-00-0079	0–0.5	Sediment	Aroclor-1221	0.073	mg/kg	U
West canyon	21-11126	MD21-00-0079	0–0.5	Sediment	Aroclor-1232	0.036	mg/kg	U
West canyon	21-11126	MD21-00-0079	0–0.5	Sediment	Aroclor-1242	0.036	mg/kg	U
West canyon	21-11126	MD21-00-0079	0–0.5	Sediment	Aroclor-1248	0.036	mg/kg	U
West canyon	21-11126	MD21-00-0079	0–0.5	Sediment	Aroclor-1254	0.036	mg/kg	U
West canyon	21-11126	MD21-00-0079	0–0.5	Sediment	Aroclor-1260	0.036	mg/kg	U
West canyon	21-11126	MD21-00-0079	0–0.5	Sediment	Acenaphthylene	3.6	mg/kg	U
West canyon	21-11126	MD21-00-0079	0–0.5	Sediment	Aniline	7.3	mg/kg	U
West canyon	21-11126	MD21-00-0079	0–0.5	Sediment	Azobenzene	7.3	mg/kg	U
West canyon	21-11126	MD21-00-0079	0–0.5	Sediment	Benzidine	3.6	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11126	MD21-00-0079	0–0.5	Sediment	Benzo(g,h,i)perylene	3.6	mg/kg	U
West canyon	21-11126	MD21-00-0079	0–0.5	Sediment	Benzoic acid	18	mg/kg	U
West canyon	21-11126	MD21-00-0079	0–0.5	Sediment	Benzyl alcohol	7.3	mg/kg	U
West canyon	21-11126	MD21-00-0079	0–0.5	Sediment	Bis(2-chloroethoxy)methane	3.6	mg/kg	U
West canyon	21-11126	MD21-00-0079	0–0.5	Sediment	Bis(2-chloroethyl)ether	3.6	mg/kg	U
West canyon	21-11126	MD21-00-0079	0–0.5	Sediment	Bis(2-ethylhexyl)phthalate	3.6	mg/kg	U
West canyon	21-11126	MD21-00-0079	0–0.5	Sediment	Bromophenyl-phenylether[4-]	3.6	mg/kg	U
West canyon	21-11126	MD21-00-0079	0–0.5	Sediment	Butylbenzylphthalate	3.6	mg/kg	U
West canyon	21-11126	MD21-00-0079	0–0.5	Sediment	Carbazole	3.6	mg/kg	U
West canyon	21-11126	MD21-00-0079	0–0.5	Sediment	Chloro-3-methylphenol[4-]	7.3	mg/kg	U
West canyon	21-11126	MD21-00-0079	0–0.5	Sediment	Chloroaniline[4-]	7.3	mg/kg	U
West canyon	21-11126	MD21-00-0079	0–0.5	Sediment	Chloronaphthalene[2-]	3.6	mg/kg	U
West canyon	21-11126	MD21-00-0079	0–0.5	Sediment	Chlorophenol[2-]	3.6	mg/kg	U
West canyon	21-11126	MD21-00-0079	0–0.5	Sediment	Chlorophenyl-phenyl[4-] ether	3.6	mg/kg	U
West canyon	21-11126	MD21-00-0079	0–0.5	Sediment	Di-n-butylphthalate	3.6	mg/kg	U
West canyon	21-11126	MD21-00-0079	0–0.5	Sediment	Di-n-octylphthalate	3.6	mg/kg	U
West canyon	21-11126	MD21-00-0079	0–0.5	Sediment	Dibenzofuran	3.6	mg/kg	U
West canyon	21-11126	MD21-00-0079	0–0.5	Sediment	Dichlorobenzene[1,2-]	3.6	mg/kg	U
West canyon	21-11126	MD21-00-0079	0–0.5	Sediment	Dichlorobenzene[1,3-]	3.6	mg/kg	U
West canyon	21-11126	MD21-00-0079	0–0.5	Sediment	Dichlorobenzene[1,4-]	3.6	mg/kg	U
West canyon	21-11126	MD21-00-0079	0–0.5	Sediment	Dichlorobenzidine[3,3'-]	7.3	mg/kg	U
West canyon	21-11126	MD21-00-0079	0–0.5	Sediment	Dichlorophenol[2,4-]	3.6	mg/kg	U
West canyon	21-11126	MD21-00-0079	0–0.5	Sediment	Diethylphthalate	3.6	mg/kg	U
West canyon	21-11126	MD21-00-0079	0–0.5	Sediment	Dimethyl phthalate	3.6	mg/kg	U
West canyon	21-11126	MD21-00-0079	0–0.5	Sediment	Dimethylphenol[2,4-]	3.6	mg/kg	U
West canyon	21-11126	MD21-00-0079	0–0.5	Sediment	Dinitro-2-methylphenol[4,6-]	18	mg/kg	U
West canyon	21-11126	MD21-00-0079	0–0.5	Sediment	Dinitrophenol[2,4-]	18	mg/kg	U
West canyon	21-11126	MD21-00-0079	0–0.5	Sediment	Dinitrotoluene[2,4-]	3.6	mg/kg	U
West canyon	21-11126	MD21-00-0079	0–0.5	Sediment	Dinitrotoluene[2,6-]	3.6	mg/kg	U
West canyon	21-11126	MD21-00-0079	0–0.5	Sediment	Hexachlorobenzene	3.6	mg/kg	U
West canyon	21-11126	MD21-00-0079	0–0.5	Sediment	Hexachlorobutadiene	3.6	mg/kg	U
West canyon	21-11126	MD21-00-0079	0–0.5	Sediment	Hexachlorocyclopentadiene	3.6	mg/kg	U
West canyon	21-11126	MD21-00-0079	0–0.5	Sediment	Hexachloroethane	3.6	mg/kg	U
West canyon	21-11126	MD21-00-0079	0–0.5	Sediment	Indeno(1,2,3-cd)pyrene	3.6	mg/kg	U
West canyon	21-11126	MD21-00-0079	0–0.5	Sediment	Isophorone	3.6	mg/kg	U
West canyon	21-11126	MD21-00-0079	0–0.5	Sediment	Methylphenol[2-]	3.6	mg/kg	U
West canyon	21-11126	MD21-00-0079	0–0.5	Sediment	Methylphenol[4-]	3.6	mg/kg	U
West canyon	21-11126	MD21-00-0079	0–0.5	Sediment	Nitroaniline[2-]	18	mg/kg	U
West canyon	21-11126	MD21-00-0079	0–0.5	Sediment	Nitroaniline[3-]	18	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11126	MD21-00-0079	0–0.5	Sediment	Nitroaniline[4-]	7.3	mg/kg	U
West canyon	21-11126	MD21-00-0079	0–0.5	Sediment	Nitrobenzene	3.6	mg/kg	U
West canyon	21-11126	MD21-00-0079	0–0.5	Sediment	Nitrophenol[2-]	3.6	mg/kg	U
West canyon	21-11126	MD21-00-0079	0–0.5	Sediment	Nitrophenol[4-]	18	mg/kg	U
West canyon	21-11126	MD21-00-0079	0–0.5	Sediment	Nitroso-di-n-propylamine[N-]	3.6	mg/kg	U
West canyon	21-11126	MD21-00-0079	0–0.5	Sediment	Nitrosodimethylamine[N-]	3.6	mg/kg	U
West canyon	21-11126	MD21-00-0079	0–0.5	Sediment	Nitrosodiphenylamine[N-]	3.6	mg/kg	U
West canyon	21-11126	MD21-00-0079	0–0.5	Sediment	Oxybis(1-chloropropane)[2,2'-]	3.6	mg/kg	U
West canyon	21-11126	MD21-00-0079	0–0.5	Sediment	Pentachlorophenol	18	mg/kg	U
West canyon	21-11126	MD21-00-0079	0–0.5	Sediment	Phenol	3.6	mg/kg	U
West canyon	21-11126	MD21-00-0079	0–0.5	Sediment	Pyridine	3.6	mg/kg	U
West canyon	21-11126	MD21-00-0079	0–0.5	Sediment	Trichlorobenzene[1,2,4-]	3.6	mg/kg	U
West canyon	21-11126	MD21-00-0079	0–0.5	Sediment	Trichlorophenol[2,4,5-]	18	mg/kg	U
West canyon	21-11126	MD21-00-0079	0–0.5	Sediment	Trichlorophenol[2,4,6-]	3.6	mg/kg	U
West canyon	21-11126	MD21-00-0079	0–0.5	Sediment	Americium-241	0.014	pCi/g	U
West canyon	21-11126	MD21-00-0079	0–0.5	Sediment	Tritium	0.02	pCi/g	U
West canyon	21-11126	MD21-00-0079	0–0.5	Sediment	Plutonium-238	-0.004	pCi/g	U
West canyon	21-11126	MD21-00-0079	0–0.5	Sediment	Plutonium-239	0	pCi/g	U
West canyon	21-11126	MD21-00-0079	0–0.5	Sediment	Uranium-234	0.55	pCi/g	None
West canyon	21-11126	MD21-00-0079	0–0.5	Sediment	Strontium-90	0.27	pCi/g	U
West canyon	21-11127	MD21-00-0080	0–0.5	Sediment	Aluminum	1200	mg/kg	J-
West canyon	21-11127	MD21-00-0080	0–0.5	Sediment	Antimony	0.38	mg/kg	UJ
West canyon	21-11127	MD21-00-0080	0–0.5	Sediment	Arsenic	0.96	mg/kg	J
West canyon	21-11127	MD21-00-0080	0–0.5	Sediment	Barium	26	mg/kg	None
West canyon	21-11127	MD21-00-0080	0–0.5	Sediment	Beryllium	0.094	mg/kg	J
West canyon	21-11127	MD21-00-0080	0–0.5	Sediment	Cadmium	0.019	mg/kg	U
West canyon	21-11127	MD21-00-0080	0–0.5	Sediment	Calcium	4900	mg/kg	None
West canyon	21-11127	MD21-00-0080	0–0.5	Sediment	Chromium, total	2.7	mg/kg	None
West canyon	21-11127	MD21-00-0080	0–0.5	Sediment	Cobalt	1.6	mg/kg	None
West canyon	21-11127	MD21-00-0080	0–0.5	Sediment	Copper	7.1	mg/kg	None
West canyon	21-11127	MD21-00-0080	0–0.5	Sediment	Iron	4600	mg/kg	None
West canyon	21-11127	MD21-00-0080	0–0.5	Sediment	Magnesium	530	mg/kg	None
West canyon	21-11127	MD21-00-0080	0–0.5	Sediment	Manganese	100	mg/kg	None
West canyon	21-11127	MD21-00-0080	0–0.5	Sediment	Mercury	0.022	mg/kg	U
West canyon	21-11127	MD21-00-0080	0–0.5	Sediment	Nickel	3	mg/kg	None
West canyon	21-11127	MD21-00-0080	0–0.5	Sediment	Potassium	260	mg/kg	None
West canyon	21-11127	MD21-00-0080	0–0.5	Sediment	Selenium	0.38	mg/kg	U
West canyon	21-11127	MD21-00-0080	0–0.5	Sediment	Silver	0.094	mg/kg	U
West canyon	21-11127	MD21-00-0080	0–0.5	Sediment	Sodium	58	mg/kg	J

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11127	MD21-00-0080	0–0.5	Sediment	Thallium	0.36	mg/kg	U
West canyon	21-11127	MD21-00-0080	0–0.5	Sediment	Vanadium	6.8	mg/kg	None
West canyon	21-11127	MD21-00-0080	0–0.5	Sediment	Zinc	69	mg/kg	None
West canyon	21-11127	MD21-00-0080	0–0.5	Sediment	Aroclor-1016	0.037	mg/kg	U
West canyon	21-11127	MD21-00-0080	0–0.5	Sediment	Aroclor-1221	0.073	mg/kg	U
West canyon	21-11127	MD21-00-0080	0–0.5	Sediment	Aroclor-1232	0.037	mg/kg	U
West canyon	21-11127	MD21-00-0080	0–0.5	Sediment	Aroclor-1242	0.037	mg/kg	U
West canyon	21-11127	MD21-00-0080	0–0.5	Sediment	Aroclor-1248	0.037	mg/kg	U
West canyon	21-11127	MD21-00-0080	0–0.5	Sediment	Aroclor-1254	0.037	mg/kg	U
West canyon	21-11127	MD21-00-0080	0–0.5	Sediment	Aroclor-1260	0.037	mg/kg	U
West canyon	21-11127	MD21-00-0080	0–0.5	Sediment	Acenaphthylene	3.7	mg/kg	U
West canyon	21-11127	MD21-00-0080	0–0.5	Sediment	Aniline	7.3	mg/kg	U
West canyon	21-11127	MD21-00-0080	0–0.5	Sediment	Azobenzene	7.3	mg/kg	U
West canyon	21-11127	MD21-00-0080	0–0.5	Sediment	Benzidine	3.7	mg/kg	U
West canyon	21-11127	MD21-00-0080	0–0.5	Sediment	Benzo(g,h,i)perylene	3.7	mg/kg	UJ
West canyon	21-11127	MD21-00-0080	0–0.5	Sediment	Benzoic acid	18	mg/kg	U
West canyon	21-11127	MD21-00-0080	0–0.5	Sediment	Benzyl alcohol	7.3	mg/kg	U
West canyon	21-11127	MD21-00-0080	0–0.5	Sediment	Bis(2-chloroethoxy)methane	3.7	mg/kg	U
West canyon	21-11127	MD21-00-0080	0–0.5	Sediment	Bis(2-chloroethyl)ether	3.7	mg/kg	U
West canyon	21-11127	MD21-00-0080	0–0.5	Sediment	Bis(2-ethylhexyl)phthalate	3.7	mg/kg	U
West canyon	21-11127	MD21-00-0080	0–0.5	Sediment	Bromophenyl-phenylether[4-]	3.7	mg/kg	U
West canyon	21-11127	MD21-00-0080	0–0.5	Sediment	Butylbenzylphthalate	3.7	mg/kg	U
West canyon	21-11127	MD21-00-0080	0–0.5	Sediment	Carbazole	3.7	mg/kg	U
West canyon	21-11127	MD21-00-0080	0–0.5	Sediment	Chloro-3-methylphenol[4-]	7.3	mg/kg	U
West canyon	21-11127	MD21-00-0080	0–0.5	Sediment	Chloroaniline[4-]	7.3	mg/kg	U
West canyon	21-11127	MD21-00-0080	0–0.5	Sediment	Chloronaphthalene[2-]	3.7	mg/kg	U
West canyon	21-11127	MD21-00-0080	0–0.5	Sediment	Chlorophenol[2-]	3.7	mg/kg	U
West canyon	21-11127	MD21-00-0080	0–0.5	Sediment	Chlorophenyl-phenyl[4-] ether	3.7	mg/kg	U
West canyon	21-11127	MD21-00-0080	0–0.5	Sediment	Di-n-butylphthalate	3.7	mg/kg	U
West canyon	21-11127	MD21-00-0080	0–0.5	Sediment	Di-n-octylphthalate	3.7	mg/kg	UJ
West canyon	21-11127	MD21-00-0080	0–0.5	Sediment	Dibenzofuran	3.7	mg/kg	U
West canyon	21-11127	MD21-00-0080	0–0.5	Sediment	Dichlorobenzene[1,2-]	3.7	mg/kg	U
West canyon	21-11127	MD21-00-0080	0–0.5	Sediment	Dichlorobenzene[1,3-]	3.7	mg/kg	U
West canyon	21-11127	MD21-00-0080	0–0.5	Sediment	Dichlorobenzene[1,4-]	3.7	mg/kg	U
West canyon	21-11127	MD21-00-0080	0–0.5	Sediment	Dichlorobenzidine[3,3'-]	7.3	mg/kg	U
West canyon	21-11127	MD21-00-0080	0–0.5	Sediment	Dichlorophenol[2,4-]	3.7	mg/kg	U
West canyon	21-11127	MD21-00-0080	0–0.5	Sediment	Diethylphthalate	3.7	mg/kg	U
West canyon	21-11127	MD21-00-0080	0–0.5	Sediment	Dimethyl phthalate	3.7	mg/kg	U
West canyon	21-11127	MD21-00-0080	0–0.5	Sediment	Dimethylphenol[2,4-]	3.7	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11127	MD21-00-0080	0–0.5	Sediment	Dinitro-2-methylphenol[4,6-]	18	mg/kg	U
West canyon	21-11127	MD21-00-0080	0–0.5	Sediment	Dinitrophenol[2,4-]	18	mg/kg	U
West canyon	21-11127	MD21-00-0080	0–0.5	Sediment	Dinitrotoluene[2,4-]	3.7	mg/kg	U
West canyon	21-11127	MD21-00-0080	0–0.5	Sediment	Dinitrotoluene[2,6-]	3.7	mg/kg	U
West canyon	21-11127	MD21-00-0080	0–0.5	Sediment	Hexachlorobenzene	3.7	mg/kg	U
West canyon	21-11127	MD21-00-0080	0–0.5	Sediment	Hexachlorobutadiene	3.7	mg/kg	U
West canyon	21-11127	MD21-00-0080	0–0.5	Sediment	Hexachlorocyclopentadiene	3.7	mg/kg	U
West canyon	21-11127	MD21-00-0080	0–0.5	Sediment	Hexachloroethane	3.7	mg/kg	U
West canyon	21-11127	MD21-00-0080	0–0.5	Sediment	Indeno(1,2,3-cd)pyrene	3.7	mg/kg	UJ
West canyon	21-11127	MD21-00-0080	0–0.5	Sediment	Isophorone	3.7	mg/kg	U
West canyon	21-11127	MD21-00-0080	0–0.5	Sediment	Methylphenol[2-]	3.7	mg/kg	U
West canyon	21-11127	MD21-00-0080	0–0.5	Sediment	Methylphenol[4-]	3.7	mg/kg	U
West canyon	21-11127	MD21-00-0080	0–0.5	Sediment	Nitroaniline[2-]	18	mg/kg	U
West canyon	21-11127	MD21-00-0080	0–0.5	Sediment	Nitroaniline[3-]	18	mg/kg	U
West canyon	21-11127	MD21-00-0080	0–0.5	Sediment	Nitroaniline[4-]	7.3	mg/kg	U
West canyon	21-11127	MD21-00-0080	0–0.5	Sediment	Nitrobenzene	3.7	mg/kg	U
West canyon	21-11127	MD21-00-0080	0–0.5	Sediment	Nitrophenol[2-]	3.7	mg/kg	U
West canyon	21-11127	MD21-00-0080	0–0.5	Sediment	Nitrophenol[4-]	18	mg/kg	U
West canyon	21-11127	MD21-00-0080	0–0.5	Sediment	Nitroso-di-n-propylamine[N-]	3.7	mg/kg	U
West canyon	21-11127	MD21-00-0080	0–0.5	Sediment	Nitrosodimethylamine[N-]	3.7	mg/kg	U
West canyon	21-11127	MD21-00-0080	0–0.5	Sediment	Nitrosodiphenylamine[N-]	3.7	mg/kg	U
West canyon	21-11127	MD21-00-0080	0–0.5	Sediment	Oxybis(1-chloropropane)[2,2'-]	3.7	mg/kg	U
West canyon	21-11127	MD21-00-0080	0–0.5	Sediment	Pentachlorophenol	18	mg/kg	U
West canyon	21-11127	MD21-00-0080	0–0.5	Sediment	Phenol	3.7	mg/kg	U
West canyon	21-11127	MD21-00-0080	0–0.5	Sediment	Pyridine	3.7	mg/kg	U
West canyon	21-11127	MD21-00-0080	0–0.5	Sediment	Trichlorobenzene[1,2,4-]	3.7	mg/kg	U
West canyon	21-11127	MD21-00-0080	0–0.5	Sediment	Trichlorophenol[2,4,5-]	18	mg/kg	U
West canyon	21-11127	MD21-00-0080	0–0.5	Sediment	Trichlorophenol[2,4,6-]	3.7	mg/kg	U
West canyon	21-11127	MD21-00-0080	0–0.5	Sediment	Americium-241	0.003	pCi/g	U
West canyon	21-11127	MD21-00-0080	0–0.5	Sediment	Tritium	0.001	pCi/g	U
West canyon	21-11127	MD21-00-0080	0–0.5	Sediment	Plutonium-238	0.013	pCi/g	U
West canyon	21-11127	MD21-00-0080	0–0.5	Sediment	Plutonium-239	0.007	pCi/g	U
West canyon	21-11127	MD21-00-0080	0–0.5	Sediment	Uranium-234	0.475	pCi/g	None
West canyon	21-11127	MD21-00-0080	0–0.5	Sediment	Strontium-90	0.11	pCi/g	U
West canyon	21-11128	MD21-00-0081	0–0.5	Sediment	Aluminum	1300	mg/kg	J-
West canyon	21-11128	MD21-00-0081	0–0.5	Sediment	Antimony	0.37	mg/kg	UJ
West canyon	21-11128	MD21-00-0081	0–0.5	Sediment	Arsenic	0.88	mg/kg	J
West canyon	21-11128	MD21-00-0081	0–0.5	Sediment	Barium	35	mg/kg	None
West canyon	21-11128	MD21-00-0081	0–0.5	Sediment	Beryllium	0.074	mg/kg	J

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11128	MD21-00-0081	0–0.5	Sediment	Cadmium	0.027	mg/kg	J
West canyon	21-11128	MD21-00-0081	0–0.5	Sediment	Calcium	7200	mg/kg	None
West canyon	21-11128	MD21-00-0081	0–0.5	Sediment	Chromium, total	3.4	mg/kg	None
West canyon	21-11128	MD21-00-0081	0–0.5	Sediment	Cobalt	2	mg/kg	None
West canyon	21-11128	MD21-00-0081	0–0.5	Sediment	Copper	7	mg/kg	None
West canyon	21-11128	MD21-00-0081	0–0.5	Sediment	Iron	4000	mg/kg	None
West canyon	21-11128	MD21-00-0081	0–0.5	Sediment	Magnesium	790	mg/kg	None
West canyon	21-11128	MD21-00-0081	0–0.5	Sediment	Manganese	130	mg/kg	None
West canyon	21-11128	MD21-00-0081	0–0.5	Sediment	Mercury	0.069	mg/kg	U
West canyon	21-11128	MD21-00-0081	0–0.5	Sediment	Nickel	3	mg/kg	None
West canyon	21-11128	MD21-00-0081	0–0.5	Sediment	Potassium	290	mg/kg	None
West canyon	21-11128	MD21-00-0081	0–0.5	Sediment	Selenium	0.37	mg/kg	U
West canyon	21-11128	MD21-00-0081	0–0.5	Sediment	Silver	0.092	mg/kg	U
West canyon	21-11128	MD21-00-0081	0–0.5	Sediment	Sodium	88	mg/kg	J
West canyon	21-11128	MD21-00-0081	0–0.5	Sediment	Thallium	0.36	mg/kg	U
West canyon	21-11128	MD21-00-0081	0–0.5	Sediment	Vanadium	6.7	mg/kg	None
West canyon	21-11128	MD21-00-0081	0–0.5	Sediment	Zinc	69	mg/kg	None
West canyon	21-11128	MD21-00-0081	0–0.5	Sediment	Aroclor-1016	0.036	mg/kg	U
West canyon	21-11128	MD21-00-0081	0–0.5	Sediment	Aroclor-1221	0.072	mg/kg	U
West canyon	21-11128	MD21-00-0081	0–0.5	Sediment	Aroclor-1232	0.036	mg/kg	U
West canyon	21-11128	MD21-00-0081	0–0.5	Sediment	Aroclor-1242	0.036	mg/kg	U
West canyon	21-11128	MD21-00-0081	0–0.5	Sediment	Aroclor-1248	0.036	mg/kg	U
West canyon	21-11128	MD21-00-0081	0–0.5	Sediment	Aroclor-1254	0.036	mg/kg	U
West canyon	21-11128	MD21-00-0081	0–0.5	Sediment	Aroclor-1260	0.036	mg/kg	U
West canyon	21-11128	MD21-00-0081	0–0.5	Sediment	Acenaphthylene	3.6	mg/kg	U
West canyon	21-11128	MD21-00-0081	0–0.5	Sediment	Aniline	7.2	mg/kg	U
West canyon	21-11128	MD21-00-0081	0–0.5	Sediment	Azobenzene	7.2	mg/kg	U
West canyon	21-11128	MD21-00-0081	0–0.5	Sediment	Benzidine	3.6	mg/kg	U
West canyon	21-11128	MD21-00-0081	0–0.5	Sediment	Benzo(g,h,i)perylene	3.6	mg/kg	UJ
West canyon	21-11128	MD21-00-0081	0–0.5	Sediment	Benzoic acid	18	mg/kg	U
West canyon	21-11128	MD21-00-0081	0–0.5	Sediment	Benzyl alcohol	7.2	mg/kg	U
West canyon	21-11128	MD21-00-0081	0–0.5	Sediment	Bis(2-chloroethoxy)methane	3.6	mg/kg	U
West canyon	21-11128	MD21-00-0081	0–0.5	Sediment	Bis(2-chloroethyl)ether	3.6	mg/kg	U
West canyon	21-11128	MD21-00-0081	0–0.5	Sediment	Bis(2-ethylhexyl)phthalate	3.6	mg/kg	UJ
West canyon	21-11128	MD21-00-0081	0–0.5	Sediment	Bromophenyl-phenylether[4-]	3.6	mg/kg	U
West canyon	21-11128	MD21-00-0081	0–0.5	Sediment	Butylbenzylphthalate	3.6	mg/kg	UJ
West canyon	21-11128	MD21-00-0081	0–0.5	Sediment	Carbazole	3.6	mg/kg	U
West canyon	21-11128	MD21-00-0081	0–0.5	Sediment	Chloro-3-methylphenol[4-]	7.2	mg/kg	U
West canyon	21-11128	MD21-00-0081	0–0.5	Sediment	Chloroaniline[4-]	7.2	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11128	MD21-00-0081	0–0.5	Sediment	Chloronaphthalene[2-]	3.6	mg/kg	U
West canyon	21-11128	MD21-00-0081	0–0.5	Sediment	Chlorophenol[2-]	3.6	mg/kg	U
West canyon	21-11128	MD21-00-0081	0–0.5	Sediment	Chlorophenyl-phenyl[4-] ether	3.6	mg/kg	U
West canyon	21-11128	MD21-00-0081	0–0.5	Sediment	Di-n-butylphthalate	3.6	mg/kg	U
West canyon	21-11128	MD21-00-0081	0–0.5	Sediment	Di-n-octylphthalate	3.6	mg/kg	UJ
West canyon	21-11128	MD21-00-0081	0–0.5	Sediment	Dibenzofuran	3.6	mg/kg	U
West canyon	21-11128	MD21-00-0081	0–0.5	Sediment	Dichlorobenzene[1,2-]	3.6	mg/kg	U
West canyon	21-11128	MD21-00-0081	0–0.5	Sediment	Dichlorobenzene[1,3-]	3.6	mg/kg	U
West canyon	21-11128	MD21-00-0081	0–0.5	Sediment	Dichlorobenzene[1,4-]	3.6	mg/kg	U
West canyon	21-11128	MD21-00-0081	0–0.5	Sediment	Dichlorobenzidine[3,3'-]	7.2	mg/kg	UJ
West canyon	21-11128	MD21-00-0081	0–0.5	Sediment	Dichlorophenol[2,4-]	3.6	mg/kg	U
West canyon	21-11128	MD21-00-0081	0–0.5	Sediment	Diethylphthalate	3.6	mg/kg	U
West canyon	21-11128	MD21-00-0081	0–0.5	Sediment	Dimethyl phthalate	3.6	mg/kg	U
West canyon	21-11128	MD21-00-0081	0–0.5	Sediment	Dimethylphenol[2,4-]	3.6	mg/kg	U
West canyon	21-11128	MD21-00-0081	0–0.5	Sediment	Dinitro-2-methylphenol[4,6-]	18	mg/kg	U
West canyon	21-11128	MD21-00-0081	0–0.5	Sediment	Dinitrophenol[2,4-]	18	mg/kg	U
West canyon	21-11128	MD21-00-0081	0–0.5	Sediment	Dinitrotoluene[2,4-]	3.6	mg/kg	U
West canyon	21-11128	MD21-00-0081	0–0.5	Sediment	Dinitrotoluene[2,6-]	3.6	mg/kg	U
West canyon	21-11128	MD21-00-0081	0–0.5	Sediment	Hexachlorobenzene	3.6	mg/kg	U
West canyon	21-11128	MD21-00-0081	0–0.5	Sediment	Hexachlorobutadiene	3.6	mg/kg	U
West canyon	21-11128	MD21-00-0081	0–0.5	Sediment	Hexachlorocyclopentadiene	3.6	mg/kg	U
West canyon	21-11128	MD21-00-0081	0–0.5	Sediment	Hexachloroethane	3.6	mg/kg	U
West canyon	21-11128	MD21-00-0081	0–0.5	Sediment	Indeno(1,2,3-cd)pyrene	3.6	mg/kg	UJ
West canyon	21-11128	MD21-00-0081	0–0.5	Sediment	Isophorone	3.6	mg/kg	U
West canyon	21-11128	MD21-00-0081	0–0.5	Sediment	Methylphenol[2-]	3.6	mg/kg	U
West canyon	21-11128	MD21-00-0081	0–0.5	Sediment	Methylphenol[4-]	3.6	mg/kg	U
West canyon	21-11128	MD21-00-0081	0–0.5	Sediment	Nitroaniline[2-]	18	mg/kg	U
West canyon	21-11128	MD21-00-0081	0–0.5	Sediment	Nitroaniline[3-]	18	mg/kg	U
West canyon	21-11128	MD21-00-0081	0–0.5	Sediment	Nitroaniline[4-]	7.2	mg/kg	U
West canyon	21-11128	MD21-00-0081	0–0.5	Sediment	Nitrobenzene	3.6	mg/kg	U
West canyon	21-11128	MD21-00-0081	0–0.5	Sediment	Nitrophenol[2-]	3.6	mg/kg	U
West canyon	21-11128	MD21-00-0081	0–0.5	Sediment	Nitrophenol[4-]	18	mg/kg	U
West canyon	21-11128	MD21-00-0081	0–0.5	Sediment	Nitroso-di-n-propylamine[N-]	3.6	mg/kg	U
West canyon	21-11128	MD21-00-0081	0–0.5	Sediment	Nitrosodimethylamine[N-]	3.6	mg/kg	U
West canyon	21-11128	MD21-00-0081	0–0.5	Sediment	Nitrosodiphenylamine[N-]	3.6	mg/kg	U
West canyon	21-11128	MD21-00-0081	0–0.5	Sediment	Oxybis(1-chloropropane)[2,2'-]	3.6	mg/kg	U
West canyon	21-11128	MD21-00-0081	0–0.5	Sediment	Pentachlorophenol	18	mg/kg	U
West canyon	21-11128	MD21-00-0081	0–0.5	Sediment	Phenol	3.6	mg/kg	U
West canyon	21-11128	MD21-00-0081	0–0.5	Sediment	Pyridine	3.6	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11128	MD21-00-0081	0–0.5	Sediment	Trichlorobenzene[1,2,4-]	3.6	mg/kg	U
West canyon	21-11128	MD21-00-0081	0–0.5	Sediment	Trichlorophenol[2,4,5-]	18	mg/kg	U
West canyon	21-11128	MD21-00-0081	0–0.5	Sediment	Trichlorophenol[2,4,6-]	3.6	mg/kg	U
West canyon	21-11128	MD21-00-0081	0–0.5	Sediment	Americium-241	0.01	pCi/g	U
West canyon	21-11128	MD21-00-0081	0–0.5	Sediment	Tritium	0.002	pCi/g	U
West canyon	21-11128	MD21-00-0081	0–0.5	Sediment	Plutonium-238	-0.001	pCi/g	U
West canyon	21-11128	MD21-00-0081	0–0.5	Sediment	Plutonium-239	0.028	pCi/g	U
West canyon	21-11128	MD21-00-0081	0–0.5	Sediment	Uranium-234	0.55	pCi/g	None
West canyon	21-11128	MD21-00-0081	0–0.5	Sediment	Strontium-90	0.15	pCi/g	U
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Aluminum	8900	mg/kg	None
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Antimony	0.169	mg/kg	UJ
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Arsenic	2.3	mg/kg	None
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Barium	30	mg/kg	None
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Beryllium	0.59	mg/kg	None
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Cadmium	0.0411	mg/kg	U
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Calcium	820	mg/kg	None
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Chromium, total	5.2	mg/kg	None
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Cobalt	1.9	mg/kg	None
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Copper	3.8	mg/kg	None
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Iron	8500	mg/kg	None
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Magnesium	1000	mg/kg	None
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Manganese	95	mg/kg	J-
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Mercury	0.0187	mg/kg	U
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Nickel	3.2	mg/kg	None
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Potassium	890	mg/kg	None
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Selenium	0.08	mg/kg	UJ
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Silver	0.22	mg/kg	U
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Sodium	100	mg/kg	None
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Thallium	0.16	mg/kg	J
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Vanadium	7.7	mg/kg	None
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Zinc	53	mg/kg	None
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Ethanol	5.3	mg/kg	U
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Acenaphthylene	0.35	mg/kg	U
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Aniline	0.35	mg/kg	U
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Azobenzene	0.35	mg/kg	U
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Benzo(g,h,i)perylene	0.35	mg/kg	U
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Benzoic acid	0.88	mg/kg	UJ
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Benzyl alcohol	0.35	mg/kg	U
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Bis(2-chloroethoxy)methane	0.35	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Bis(2-chloroethyl)ether	0.35	mg/kg	U
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Bis(2-ethylhexyl)phthalate	0.037	mg/kg	J-
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Bromophenyl-phenylether[4-]	0.35	mg/kg	U
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Butylbenzylphthalate	0.35	mg/kg	U
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Chloro-3-methylphenol[4-]	0.35	mg/kg	UJ
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Chloroaniline[4-]	0.35	mg/kg	U
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Chloronaphthalene[2-]	0.35	mg/kg	U
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Chlorophenol[2-]	0.35	mg/kg	UJ
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.35	mg/kg	U
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Di-n-butylphthalate	0.035	mg/kg	U
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Di-n-octylphthalate	0.35	mg/kg	U
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Dibenzofuran	0.35	mg/kg	U
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Dichlorobenzene[1,2-]	0.35	mg/kg	U
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Dichlorobenzene[1,3-]	0.35	mg/kg	U
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Dichlorobenzene[1,4-]	0.35	mg/kg	U
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Dichlorobenzidine[3,3'-]	0.35	mg/kg	U
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Dichlorophenol[2,4-]	0.35	mg/kg	UJ
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Diethylphthalate	0.35	mg/kg	U
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Dimethyl phthalate	0.35	mg/kg	U
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Dimethylphenol[2,4-]	0.35	mg/kg	UJ
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Dinitro-2-methylphenol[4,6-]	0.88	mg/kg	UJ
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Dinitrophenol[2,4-]	0.88	mg/kg	UJ
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Dinitrotoluene[2,4-]	0.35	mg/kg	U
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Dinitrotoluene[2,6-]	0.35	mg/kg	U
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Hexachlorobenzene	0.35	mg/kg	U
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Hexachlorobutadiene	0.35	mg/kg	U
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Hexachlorocyclopentadiene	0.35	mg/kg	U
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Hexachloroethane	0.35	mg/kg	U
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	U
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Isophorone	0.35	mg/kg	U
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Methylphenol[2-]	0.35	mg/kg	UJ
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Methylphenol[4-]	0.35	mg/kg	UJ
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Nitroaniline[2-]	0.88	mg/kg	U
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Nitroaniline[3-]	0.88	mg/kg	U
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Nitroaniline[4-]	0.35	mg/kg	U
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Nitrobenzene	0.35	mg/kg	U
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Nitrophenol[2-]	0.35	mg/kg	UJ
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Nitrophenol[4-]	0.88	mg/kg	UJ
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Nitrosodimethylamine[N-]	0.35	mg/kg	U
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Nitrosodiphenylamine[N-]	0.35	mg/kg	U
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	U
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Pentachlorophenol	0.88	mg/kg	UJ
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Phenol	0.35	mg/kg	UJ
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Pyridine	0.35	mg/kg	U
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Trichlorobenzene[1,2,4-]	0.35	mg/kg	U
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Trichlorophenol[2,4,5-]	0.88	mg/kg	UJ
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Trichlorophenol[2,4,6-]	0.35	mg/kg	UJ
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Acetone	0.008	mg/kg	R
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Bromobenzene	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Bromochloromethane	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Bromodichloromethane	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Bromoform	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Bromomethane	0.012	mg/kg	U
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Butanone[2-]	0.024	mg/kg	U
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Butylbenzene[n-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Butylbenzene[sec-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Butylbenzene[tert-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Carbon disulfide	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Carbon tetrachloride	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Chlorobenzene	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Chlorodibromomethane	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Chloroethane	0.012	mg/kg	U
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Chloroform	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Chloromethane	0.012	mg/kg	U
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Chlorotoluene[2-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Chlorotoluene[4-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Dibromo-3-chloropropane[1,2-]	0.012	mg/kg	U
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Dibromomethane	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Dichlorobenzene[1,2-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Dichlorobenzene[1,3-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Dichlorobenzene[1,4-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Dichlorodifluoromethane	0.012	mg/kg	U
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Dichloroethane[1,1-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Dichloroethene[1,1-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Dichloroethene[cis-1,2-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Dichloroethene[trans-1,2-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Dichloropropane[1,2-]	0.006	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Dichloropropane[1,3-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Dichloropropane[2,2-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Dichloropropene[1,1-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Dichloropropene[cis-1,3-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Dichloropropene[trans-1,3-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Hexanone[2-]	0.024	mg/kg	U
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Iodomethane	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Isopropylbenzene	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Isopropyltoluene[4-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Methyl-2-pentanone[4-]	0.024	mg/kg	U
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Methylene chloride	0.012	mg/kg	U
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Propylbenzene[1-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Styrene	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Tetrachloroethane[1,1,1,2-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Tetrachloroethane[1,1,2,2-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Tetrachloroethene	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Trichloroethane[1,1,1-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Trichloroethane[1,1,2-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Trichloroethene	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Trichlorofluoromethane	0.002	mg/kg	U
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Trichloropropane[1,2,3-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Trimethylbenzene[1,2,4-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Trimethylbenzene[1,3,5-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0088	49–50	Qbt 3	Vinyl chloride	0.012	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Aluminum	16000	mg/kg	None
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Antimony	0.178	mg/kg	UJ
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Arsenic	2.1	mg/kg	None
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Barium	48	mg/kg	None
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Beryllium	0.99	mg/kg	None
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Cadmium	0.048	mg/kg	J
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Calcium	1400	mg/kg	None
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Chromium, total	8.7	mg/kg	None
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Cobalt	2.5	mg/kg	None
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Copper	6.2	mg/kg	None
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Iron	12000	mg/kg	None
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Magnesium	1700	mg/kg	None
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Manganese	67	mg/kg	J-
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Mercury	0.0197	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Nickel	5.1	mg/kg	None
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Potassium	1600	mg/kg	None
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Selenium	1	mg/kg	J-
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Silver	0.232	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Sodium	140	mg/kg	None
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Thallium	0.27	mg/kg	J
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Vanadium	13	mg/kg	None
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Zinc	69	mg/kg	None
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Ethanol	5.5	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Acenaphthylene	0.37	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Aniline	0.37	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Azobenzene	0.37	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Benzo(g,h,i)perylene	0.37	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Benzoic acid	0.92	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Benzyl alcohol	0.37	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Bis(2-chloroethoxy)methane	0.37	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Bis(2-chloroethyl)ether	0.37	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Bis(2-ethylhexyl)phthalate	0.053	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Bromophenyl-phenylether[4-]	0.37	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Butylbenzylphthalate	0.37	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Chloro-3-methylphenol[4-]	0.37	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Chloroaniline[4-]	0.37	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Chloronaphthalene[2-]	0.37	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Chlorophenol[2-]	0.37	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.37	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Di-n-butylphthalate	0.073	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Di-n-octylphthalate	0.37	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Dibenzofuran	0.37	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Dichlorobenzene[1,2-]	0.37	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Dichlorobenzene[1,3-]	0.37	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Dichlorobenzene[1,4-]	0.37	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Dichlorobenzidine[3,3'-]	0.37	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Dichlorophenol[2,4-]	0.37	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Diethylphthalate	0.37	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Dimethyl phthalate	0.37	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Dimethylphenol[2,4-]	0.37	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Dinitro-2-methylphenol[4,6-]	0.92	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Dinitrophenol[2,4-]	0.92	mg/kg	UJ
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Dinitrotoluene[2,4-]	0.37	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Dinitrotoluene[2,6-]	0.37	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Hexachlorobenzene	0.37	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Hexachlorobutadiene	0.37	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Hexachlorocyclopentadiene	0.37	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Hexachloroethane	0.37	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Indeno(1,2,3-cd)pyrene	0.37	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Isophorone	0.37	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Methylphenol[2-]	0.37	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Methylphenol[4-]	0.37	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Nitroaniline[2-]	0.92	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Nitroaniline[3-]	0.92	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Nitroaniline[4-]	0.37	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Nitrobenzene	0.37	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Nitrophenol[2-]	0.37	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Nitrophenol[4-]	0.92	mg/kg	UJ
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Nitroso-di-n-propylamine[N-]	0.37	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Nitrosodimethylamine[N-]	0.37	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Nitrosodiphenylamine[N-]	0.37	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.37	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Pentachlorophenol	0.92	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Phenol	0.37	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Pyridine	0.37	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Trichlorobenzene[1,2,4-]	0.37	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Trichlorophenol[2,4,5-]	0.92	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Trichlorophenol[2,4,6-]	0.37	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Acetone	0.009	mg/kg	R
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Bromobenzene	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Bromochloromethane	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Bromodichloromethane	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Bromoform	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Bromomethane	0.011	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Butanone[2-]	0.022	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Butylbenzene[n-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Butylbenzene[sec-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Butylbenzene[tert-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Carbon disulfide	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Carbon tetrachloride	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Chlorobenzene	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Chlorodibromomethane	0.006	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Chloroethane	0.011	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Chloroform	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Chloromethane	0.011	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Chlorotoluene[2-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Chlorotoluene[4-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Dibromo-3-chloropropane[1,2-]	0.011	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Dibromomethane	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Dichlorobenzene[1,2-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Dichlorobenzene[1,3-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Dichlorobenzene[1,4-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Dichlorodifluoromethane	0.011	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Dichloroethane[1,1-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Dichloroethene[1,1-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Dichloroethene[cis-1,2-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Dichloroethene[trans-1,2-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Dichloropropane[1,2-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Dichloropropane[1,3-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Dichloropropane[2,2-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Dichloropropene[1,1-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Dichloropropene[cis-1,3-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Dichloropropene[trans-1,3-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Hexanone[2-]	0.022	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Iodomethane	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Isopropylbenzene	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Isopropyltoluene[4-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Methyl-2-pentanone[4-]	0.022	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Methylene chloride	0.01	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Propylbenzene[1-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Styrene	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Tetrachloroethane[1,1,1,2-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Tetrachloroethane[1,1,2,2-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Tetrachloroethene	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Trichloroethane[1,1,1-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Trichloroethane[1,1,2-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Trichloroethene	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Trichlorofluoromethane	0.002	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Trichloropropane[1,2,3-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Trimethylbenzene[1,2,4-]	0.006	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Trimethylbenzene[1,3,5-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0089	54–55	Qbt 3	Vinyl chloride	0.011	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Aluminum	9200	mg/kg	None
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Antimony	0.174	mg/kg	UJ
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Arsenic	6.2	mg/kg	None
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Barium	260	mg/kg	None
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Beryllium	0.97	mg/kg	None
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Cadmium	0.45	mg/kg	None
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Calcium	1300	mg/kg	None
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Chromium, total	7.8	mg/kg	None
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Cobalt	4.8	mg/kg	None
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Copper	5.1	mg/kg	None
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Iron	16000	mg/kg	None
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Magnesium	990	mg/kg	None
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Manganese	3500	mg/kg	J-
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Mercury	0.00213	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Nickel	22	mg/kg	None
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Potassium	880	mg/kg	None
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Selenium	0.0826	mg/kg	UJ
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Silver	0.227	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Sodium	130	mg/kg	None
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Thallium	0.42	mg/kg	J
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Vanadium	9.9	mg/kg	None
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Zinc	130	mg/kg	None
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Ethanol	5.4	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Acenaphthylene	0.36	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Aniline	0.36	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Azobenzene	0.36	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Benzo(g,h,i)perylene	0.36	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Benzoic acid	0.9	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Benzyl alcohol	0.36	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Bis(2-chloroethoxy)methane	0.36	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Bis(2-chloroethyl)ether	0.36	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Bis(2-ethylhexyl)phthalate	0.059	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Bromophenyl-phenylether[4-]	0.36	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Butylbenzylphthalate	0.36	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Chloro-3-methylphenol[4-]	0.36	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Chloroaniline[4-]	0.36	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Chloronaphthalene[2-]	0.36	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Chlorophenol[2-]	0.36	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.36	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Di-n-butylphthalate	0.076	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Di-n-octylphthalate	0.36	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Dibenzofuran	0.36	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Dichlorobenzene[1,2-]	0.36	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Dichlorobenzene[1,3-]	0.36	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Dichlorobenzene[1,4-]	0.36	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Dichlorobenzidine[3,3'-]	0.36	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Dichlorophenol[2,4-]	0.36	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Diethylphthalate	0.36	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Dimethyl phthalate	0.36	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Dimethylphenol[2,4-]	0.36	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Dinitro-2-methylphenol[4,6-]	0.9	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Dinitrophenol[2,4-]	0.9	mg/kg	UJ
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Dinitrotoluene[2,4-]	0.36	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Dinitrotoluene[2,6-]	0.36	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Hexachlorobenzene	0.36	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Hexachlorobutadiene	0.36	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Hexachlorocyclopentadiene	0.36	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Hexachloroethane	0.36	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Indeno(1,2,3-cd)pyrene	0.36	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Isophorone	0.36	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Methylphenol[2-]	0.36	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Methylphenol[4-]	0.36	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Nitroaniline[2-]	0.9	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Nitroaniline[3-]	0.9	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Nitroaniline[4-]	0.36	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Nitrobenzene	0.36	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Nitrophenol[2-]	0.36	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Nitrophenol[4-]	0.9	mg/kg	UJ
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Nitroso-di-n-propylamine[N-]	0.36	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Nitrosodimethylamine[N-]	0.36	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Nitrosodiphenylamine[N-]	0.36	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.36	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Pentachlorophenol	0.9	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Phenol	0.019	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Pyridine	0.36	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Trichlorobenzene[1,2,4-]	0.36	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Trichlorophenol[2,4,5-]	0.9	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Trichlorophenol[2,4,6-]	0.36	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Acetone	0.022	mg/kg	R
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Bromobenzene	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Bromochloromethane	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Bromodichloromethane	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Bromoform	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Bromomethane	0.011	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Butanone[2-]	0.022	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Butylbenzene[n-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Butylbenzene[sec-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Butylbenzene[tert-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Carbon disulfide	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Carbon tetrachloride	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Chlorobenzene	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Chlorodibromomethane	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Chloroethane	0.011	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Chloroform	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Chloromethane	0.011	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Chlorotoluene[2-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Chlorotoluene[4-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Dibromo-3-chloropropane[1,2-]	0.011	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Dibromomethane	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Dichlorobenzene[1,2-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Dichlorobenzene[1,3-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Dichlorobenzene[1,4-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Dichlorodifluoromethane	0.011	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Dichloroethane[1,1-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Dichloroethene[1,1-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Dichloroethene[cis-1,2-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Dichloroethene[trans-1,2-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Dichloropropane[1,2-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Dichloropropane[1,3-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Dichloropropane[2,2-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Dichloropropene[1,1-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Dichloropropene[cis-1,3-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Dichloropropene[trans-1,3-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Hexanone[2-]	0.022	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Iodomethane	0.006	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Isopropylbenzene	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Isopropyltoluene[4-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Methyl-2-pentanone[4-]	0.022	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Methylene chloride	0.011	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Propylbenzene[1-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Styrene	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Tetrachloroethane[1,1,1,2-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Tetrachloroethane[1,1,2,2-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Tetrachloroethene	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Trichloroethane[1,1,1-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Trichloroethane[1,1,2-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Trichloroethene	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Trichlorofluoromethane	0.001	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Trichloropropane[1,2,3-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Trimethylbenzene[1,2,4-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Trimethylbenzene[1,3,5-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0090	59.7–60.3	Qbt 3	Vinyl chloride	0.011	mg/kg	U
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Aluminum	2300	mg/kg	None
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Antimony	0.169	mg/kg	UJ
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Arsenic	1.5	mg/kg	None
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Barium	21	mg/kg	None
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Beryllium	0.44	mg/kg	J
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Cadmium	0.055	mg/kg	J
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Calcium	370	mg/kg	None
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Chromium, total	1.7	mg/kg	None
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Cobalt	1.5	mg/kg	None
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Copper	2	mg/kg	None
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Iron	5500	mg/kg	None
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Magnesium	290	mg/kg	None
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Manganese	330	mg/kg	J-
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Mercury	0.0187	mg/kg	U
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Nickel	2	mg/kg	J
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Potassium	270	mg/kg	None
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Selenium	0.08	mg/kg	UJ
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Silver	0.22	mg/kg	U
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Sodium	74	mg/kg	None
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Thallium	0.12	mg/kg	J
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Vanadium	3	mg/kg	None

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Zinc	55	mg/kg	None
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Ethanol	5.8	mg/kg	U
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Acenaphthylene	0.35	mg/kg	R
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Aniline	0.35	mg/kg	R
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Azobenzene	0.35	mg/kg	R
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Benzo(g,h,i)perylene	0.35	mg/kg	R
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Benzoic acid	0.87	mg/kg	R
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Benzyl alcohol	0.35	mg/kg	R
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Bis(2-chloroethoxy)methane	0.35	mg/kg	R
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Bis(2-chloroethyl)ether	0.35	mg/kg	R
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Bis(2-ethylhexyl)phthalate	0.35	mg/kg	R
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Bromophenyl-phenylether[4-]	0.35	mg/kg	R
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Butylbenzylphthalate	0.35	mg/kg	R
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Chloro-3-methylphenol[4-]	0.35	mg/kg	R
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Chloroaniline[4-]	0.35	mg/kg	R
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Chloronaphthalene[2-]	0.35	mg/kg	R
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Chlorophenol[2-]	0.35	mg/kg	R
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.35	mg/kg	R
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Di-n-butylphthalate	0.55	mg/kg	R
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Di-n-octylphthalate	0.35	mg/kg	R
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Dibenzofuran	0.35	mg/kg	R
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Dichlorobenzene[1,2-]	0.35	mg/kg	R
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Dichlorobenzene[1,3-]	0.35	mg/kg	R
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Dichlorobenzene[1,4-]	0.35	mg/kg	R
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Dichlorobenzidine[3,3'-]	0.35	mg/kg	R
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Dichlorophenol[2,4-]	0.35	mg/kg	R
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Diethylphthalate	0.35	mg/kg	R
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Dimethyl phthalate	0.35	mg/kg	R
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Dimethylphenol[2,4-]	0.35	mg/kg	R
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Dinitro-2-methylphenol[4,6-]	0.87	mg/kg	R
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Dinitrophenol[2,4-]	0.87	mg/kg	R
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Dinitrotoluene[2,4-]	0.35	mg/kg	R
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Dinitrotoluene[2,6-]	0.35	mg/kg	R
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Hexachlorobenzene	0.35	mg/kg	R
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Hexachlorobutadiene	0.35	mg/kg	R
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Hexachlorocyclopentadiene	0.35	mg/kg	R
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Hexachloroethane	0.35	mg/kg	R
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	R
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Isophorone	0.35	mg/kg	R

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Methylphenol[2-]	0.35	mg/kg	R
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Methylphenol[4-]	0.35	mg/kg	R
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Nitroaniline[2-]	0.87	mg/kg	R
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Nitroaniline[3-]	0.87	mg/kg	R
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Nitroaniline[4-]	0.35	mg/kg	R
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Nitrobenzene	0.35	mg/kg	R
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Nitrophenol[2-]	0.35	mg/kg	R
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Nitrophenol[4-]	0.87	mg/kg	R
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	R
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Nitrosodimethylamine[N-]	0.35	mg/kg	R
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Nitrosodiphenylamine[N-]	0.35	mg/kg	R
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	R
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Pentachlorophenol	0.87	mg/kg	R
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Phenol	0.12	mg/kg	R
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Pyridine	0.35	mg/kg	R
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Trichlorobenzene[1,2,4-]	0.35	mg/kg	R
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Trichlorophenol[2,4,5-]	0.87	mg/kg	R
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Trichlorophenol[2,4,6-]	0.35	mg/kg	R
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Acetone	0.024	mg/kg	R
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Bromobenzene	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Bromochloromethane	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Bromodichloromethane	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Bromoform	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Bromomethane	0.012	mg/kg	U
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Butanone[2-]	0.024	mg/kg	U
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Butylbenzene[n-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Butylbenzene[sec-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Butylbenzene[tert-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Carbon disulfide	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Carbon tetrachloride	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Chlorobenzene	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Chlorodibromomethane	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Chloroethane	0.012	mg/kg	U
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Chloroform	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Chloromethane	0.012	mg/kg	U
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Chlorotoluene[2-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Chlorotoluene[4-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Dibromo-3-chloropropane[1,2-]	0.012	mg/kg	U
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Dibromomethane	0.006	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Dichlorobenzene[1,2-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Dichlorobenzene[1,3-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Dichlorobenzene[1,4-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Dichlorodifluoromethane	0.012	mg/kg	U
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Dichloroethane[1,1-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Dichloroethene[1,1-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Dichloroethene[cis-1,2-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Dichloroethene[trans-1,2-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Dichloropropane[1,2-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Dichloropropane[1,3-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Dichloropropane[2,2-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Dichloropropene[1,1-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Dichloropropene[cis-1,3-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Dichloropropene[trans-1,3-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Hexanone[2-]	0.024	mg/kg	U
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Iodomethane	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Isopropylbenzene	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Isopropyltoluene[4-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Methyl-2-pentanone[4-]	0.024	mg/kg	U
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Methylene chloride	0.009	mg/kg	U
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Propylbenzene[1-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Styrene	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Tetrachloroethane[1,1,1,2-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Tetrachloroethane[1,1,2,2-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Tetrachloroethene	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Trichloroethane[1,1,1-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Trichloroethane[1,1,2-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Trichloroethene	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Trichlorofluoromethane	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Trichloropropane[1,2,3-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Trimethylbenzene[1,2,4-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Trimethylbenzene[1,3,5-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0091	63–65	Qbt 3	Vinyl chloride	0.012	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Aluminum	1000	mg/kg	None
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Antimony	0.167	mg/kg	UJ
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Arsenic	1.4	mg/kg	None
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Barium	18	mg/kg	None
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Beryllium	0.44	mg/kg	J

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Cadmium	0.049	mg/kg	J
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Calcium	280	mg/kg	None
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Chromium, total	2.3	mg/kg	None
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Cobalt	1.4	mg/kg	None
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Copper	1.5	mg/kg	None
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Iron	5100	mg/kg	None
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Magnesium	150	mg/kg	None
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Manganese	360	mg/kg	J-
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Mercury	0.0185	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Nickel	1.9	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Potassium	150	mg/kg	None
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Selenium	0.0792	mg/kg	UJ
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Silver	0.218	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Sodium	66	mg/kg	None
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Thallium	0.064	mg/kg	J
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Vanadium	3	mg/kg	None
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Zinc	57	mg/kg	None
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Ethanol	5.2	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Acenaphthylene	0.35	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Aniline	0.35	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Azobenzene	0.35	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Benzo(g,h,i)perylene	0.35	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Benzoic acid	0.87	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Benzyl alcohol	0.35	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Bis(2-chloroethoxy)methane	0.35	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Bis(2-chloroethyl)ether	0.35	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Bis(2-ethylhexyl)phthalate	0.053	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Bromophenyl-phenylether[4-]	0.35	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Butylbenzylphthalate	0.35	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Chloro-3-methylphenol[4-]	0.35	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Chloroaniline[4-]	0.35	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Chloronaphthalene[2-]	0.35	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Chlorophenol[2-]	0.35	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.35	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Di-n-butylphthalate	0.074	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Di-n-octylphthalate	0.35	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Dibenzofuran	0.35	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Dichlorobenzene[1,2-]	0.35	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Dichlorobenzene[1,3-]	0.35	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Dichlorobenzene[1,4-]	0.35	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Dichlorobenzidine[3,3'-]	0.35	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Dichlorophenol[2,4-]	0.35	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Diethylphthalate	0.35	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Dimethyl phthalate	0.35	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Dimethylphenol[2,4-]	0.35	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Dinitro-2-methylphenol[4,6-]	0.87	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Dinitrophenol[2,4-]	0.87	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Dinitrotoluene[2,4-]	0.35	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Dinitrotoluene[2,6-]	0.35	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Hexachlorobenzene	0.35	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Hexachlorobutadiene	0.35	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Hexachlorocyclopentadiene	0.35	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Hexachloroethane	0.35	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Isophorone	0.35	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Methylphenol[2-]	0.35	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Methylphenol[4-]	0.35	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Nitroaniline[2-]	0.87	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Nitroaniline[3-]	0.87	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Nitroaniline[4-]	0.35	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Nitrobenzene	0.35	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Nitrophenol[2-]	0.35	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Nitrophenol[4-]	0.87	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Nitrosodimethylamine[N-]	0.35	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Nitrosodiphenylamine[N-]	0.35	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Pentachlorophenol	0.87	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Phenol	0.05	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Pyridine	0.35	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Trichlorobenzene[1,2,4-]	0.35	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Trichlorophenol[2,4,5-]	0.87	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Trichlorophenol[2,4,6-]	0.35	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Acetone	0.024	mg/kg	R
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Bromobenzene	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Bromochloromethane	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Bromodichloromethane	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Bromoform	0.006	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Bromomethane	0.012	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Butanone[2-]	0.024	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Butylbenzene[n-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Butylbenzene[sec-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Butylbenzene[tert-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Carbon disulfide	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Carbon tetrachloride	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Chlorobenzene	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Chlorodibromomethane	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Chloroethane	0.012	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Chloroform	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Chloromethane	0.012	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Chlorotoluene[2-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Chlorotoluene[4-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Dibromo-3-chloropropane[1,2-]	0.012	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Dibromomethane	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Dichlorobenzene[1,2-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Dichlorobenzene[1,3-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Dichlorobenzene[1,4-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Dichlorodifluoromethane	0.012	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Dichloroethane[1,1-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Dichloroethene[1,1-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Dichloroethene[cis-1,2-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Dichloroethene[trans-1,2-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Dichloropropane[1,2-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Dichloropropane[1,3-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Dichloropropane[2,2-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Dichloropropene[1,1-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Dichloropropene[cis-1,3-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Dichloropropene[trans-1,3-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Hexanone[2-]	0.024	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Iodomethane	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Isopropylbenzene	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Isopropyltoluene[4-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Methyl-2-pentanone[4-]	0.024	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Methylene chloride	0.012	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Propylbenzene[1-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Styrene	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Tetrachloroethane[1,1,1,2-]	0.006	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Tetrachloroethane[1,1,2,2-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Tetrachloroethene	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Trichloroethane[1,1,1-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Trichloroethane[1,1,2-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Trichloroethene	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Trichlorofluoromethane	0.001	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Trichloropropane[1,2,3-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Trimethylbenzene[1,2,4-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Trimethylbenzene[1,3,5-]	0.006	mg/kg	U
West canyon	21-11147	MD21-00-0092	69–70	Qbt 3	Vinyl chloride	0.012	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Aluminum	1900	mg/kg	None
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Antimony	0.169	mg/kg	UJ
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Arsenic	1.6	mg/kg	None
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Barium	15	mg/kg	None
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Beryllium	0.59	mg/kg	None
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Cadmium	0.063	mg/kg	J
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Calcium	330	mg/kg	None
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Chromium, total	2.3	mg/kg	None
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Cobalt	1.7	mg/kg	None
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Copper	1.9	mg/kg	None
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Iron	8000	mg/kg	None
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Magnesium	280	mg/kg	None
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Manganese	320	mg/kg	J-
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Mercury	0.0187	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Nickel	1.92	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Potassium	240	mg/kg	None
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Selenium	0.08	mg/kg	UJ
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Silver	0.22	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Sodium	93	mg/kg	None
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Thallium	0.067	mg/kg	J
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Vanadium	4.9	mg/kg	None
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Zinc	48	mg/kg	None
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Ethanol	5.3	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Acenaphthylene	0.35	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Aniline	0.35	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Azobenzene	0.35	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Benzo(g,h,i)perylene	0.35	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Benzoic acid	0.88	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Benzyl alcohol	0.35	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Bis(2-chloroethoxy)methane	0.35	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Bis(2-chloroethyl)ether	0.35	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Bis(2-ethylhexyl)phthalate	0.056	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Bromophenyl-phenylether[4-]	0.35	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Butylbenzylphthalate	0.35	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Chloro-3-methylphenol[4-]	0.35	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Chloroaniline[4-]	0.35	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Chloronaphthalene[2-]	0.35	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Chlorophenol[2-]	0.35	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.35	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Di-n-butylphthalate	0.35	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Di-n-octylphthalate	0.35	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Dibenzofuran	0.35	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Dichlorobenzene[1,2-]	0.35	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Dichlorobenzene[1,3-]	0.35	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Dichlorobenzene[1,4-]	0.35	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Dichlorobenzidine[3,3'-]	0.35	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Dichlorophenol[2,4-]	0.35	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Diethylphthalate	0.35	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Dimethyl phthalate	0.35	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Dimethylphenol[2,4-]	0.35	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Dinitro-2-methylphenol[4,6-]	0.88	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Dinitrophenol[2,4-]	0.88	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Dinitrotoluene[2,4-]	0.35	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Dinitrotoluene[2,6-]	0.35	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Hexachlorobenzene	0.35	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Hexachlorobutadiene	0.35	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Hexachlorocyclopentadiene	0.35	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Hexachloroethane	0.35	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Isophorone	0.35	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Methylphenol[2-]	0.35	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Methylphenol[4-]	0.35	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Nitroaniline[2-]	0.88	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Nitroaniline[3-]	0.88	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Nitroaniline[4-]	0.35	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Nitrobenzene	0.35	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Nitrophenol[2-]	0.35	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Nitrophenol[4-]	0.88	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Nitrosodimethylamine[N-]	0.35	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Nitrosodiphenylamine[N-]	0.35	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Pentachlorophenol	0.88	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Phenol	0.35	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Pyridine	0.35	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Trichlorobenzene[1,2,4-]	0.35	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Trichlorophenol[2,4,5-]	0.88	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Trichlorophenol[2,4,6-]	0.35	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Acetone	0.024	mg/kg	R
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Bromobenzene	0.006	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Bromochloromethane	0.006	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Bromodichloromethane	0.006	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Bromoform	0.006	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Bromomethane	0.012	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Butanone[2-]	0.024	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Butylbenzene[n-]	0.006	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Butylbenzene[sec-]	0.006	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Butylbenzene[tert-]	0.006	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Carbon disulfide	0.006	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Carbon tetrachloride	0.006	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Chlorobenzene	0.006	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Chlorodibromomethane	0.006	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Chloroethane	0.012	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Chloroform	0.006	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Chloromethane	0.012	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Chlorotoluene[2-]	0.006	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Chlorotoluene[4-]	0.006	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Dibromo-3-chloropropane[1,2-]	0.012	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Dibromomethane	0.006	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Dichlorobenzene[1,2-]	0.006	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Dichlorobenzene[1,3-]	0.006	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Dichlorobenzene[1,4-]	0.006	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Dichlorodifluoromethane	0.012	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Dichloroethane[1,1-]	0.006	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Dichloroethene[1,1-]	0.006	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Dichloroethene[cis-1,2-]	0.006	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Dichloroethene[trans-1,2-]	0.006	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Dichloropropane[1,2-]	0.006	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Dichloropropane[1,3-]	0.006	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Dichloropropane[2,2-]	0.006	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Dichloropropene[1,1-]	0.006	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Dichloropropene[cis-1,3-]	0.006	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Dichloropropene[trans-1,3-]	0.006	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Hexanone[2-]	0.024	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Iodomethane	0.006	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Isopropylbenzene	0.006	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Isopropyltoluene[4-]	0.006	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Methyl-2-pentanone[4-]	0.024	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Methylene chloride	0.012	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Propylbenzene[1-]	0.006	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Styrene	0.006	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Tetrachloroethane[1,1,1,2-]	0.006	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Tetrachloroethane[1,1,2,2-]	0.006	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Tetrachloroethene	0.006	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.006	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Trichloroethane[1,1,1-]	0.006	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Trichloroethane[1,1,2-]	0.006	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Trichloroethene	0.006	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Trichlorofluoromethane	0.002	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Trichloropropane[1,2,3-]	0.006	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Trimethylbenzene[1,2,4-]	0.006	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Trimethylbenzene[1,3,5-]	0.006	mg/kg	U
West canyon	21-11148	MD21-00-0094	51–52	Qbt 3	Vinyl chloride	0.012	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Aluminum	310	mg/kg	None
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Antimony	0.169	mg/kg	UJ
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Arsenic	1.4	mg/kg	None
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Barium	11	mg/kg	None
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Beryllium	0.36	mg/kg	J
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Cadmium	0.0411	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Calcium	160	mg/kg	None
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Chromium, total	0.4	mg/kg	J
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Cobalt	1.3	mg/kg	None
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Copper	1.4	mg/kg	None
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Iron	5800	mg/kg	None
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Magnesium	64	mg/kg	None

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Manganese	300	mg/kg	J-
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Mercury	0.0187	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Nickel	1.92	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Potassium	84	mg/kg	None
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Selenium	0.08	mg/kg	UJ
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Silver	0.22	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Sodium	61	mg/kg	None
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Thallium	0.05	mg/kg	J
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Vanadium	2.8	mg/kg	None
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Zinc	38	mg/kg	None
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Ethanol	5.3	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Acenaphthylene	0.35	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Aniline	0.35	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Azobenzene	0.35	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Benzo(g,h,i)perylene	0.35	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Benzoic acid	0.87	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Benzyl alcohol	0.35	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Bis(2-chloroethoxy)methane	0.35	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Bis(2-chloroethyl)ether	0.35	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Bis(2-ethylhexyl)phthalate	0.072	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Bromophenyl-phenylether[4-]	0.35	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Butylbenzylphthalate	0.35	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Chloro-3-methylphenol[4-]	0.35	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Chloroaniline[4-]	0.35	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Chloronaphthalene[2-]	0.35	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Chlorophenol[2-]	0.35	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.35	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Di-n-butylphthalate	0.35	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Di-n-octylphthalate	0.35	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Dibenzofuran	0.35	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Dichlorobenzene[1,2-]	0.35	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Dichlorobenzene[1,3-]	0.35	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Dichlorobenzene[1,4-]	0.35	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Dichlorobenzidine[3,3'-]	0.35	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Dichlorophenol[2,4-]	0.35	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Diethylphthalate	0.35	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Dimethyl phthalate	0.35	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Dimethylphenol[2,4-]	0.35	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Dinitro-2-methylphenol[4,6-]	0.87	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Dinitrophenol[2,4-]	0.87	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Dinitrotoluene[2,4-]	0.35	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Dinitrotoluene[2,6-]	0.35	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Hexachlorobenzene	0.35	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Hexachlorobutadiene	0.35	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Hexachlorocyclopentadiene	0.35	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Hexachloroethane	0.35	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Isophorone	0.35	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Methylphenol[2-]	0.35	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Methylphenol[4-]	0.35	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Nitroaniline[2-]	0.87	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Nitroaniline[3-]	0.87	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Nitroaniline[4-]	0.35	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Nitrobenzene	0.35	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Nitrophenol[2-]	0.35	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Nitrophenol[4-]	0.87	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Nitrosodimethylamine[N-]	0.35	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Nitrosodiphenylamine[N-]	0.35	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Pentachlorophenol	0.87	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Phenol	0.35	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Pyridine	0.35	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Trichlorobenzene[1,2,4-]	0.35	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Trichlorophenol[2,4,5-]	0.87	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Trichlorophenol[2,4,6-]	0.35	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Acetone	0.024	mg/kg	R
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Bromobenzene	0.006	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Bromochloromethane	0.006	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Bromodichloromethane	0.006	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Bromoform	0.006	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Bromomethane	0.012	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Butanone[2-]	0.024	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Butylbenzene[n-]	0.006	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Butylbenzene[sec-]	0.006	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Butylbenzene[tert-]	0.006	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Carbon disulfide	0.006	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Carbon tetrachloride	0.006	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Chlorobenzene	0.006	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Chlorodibromomethane	0.006	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Chloroethane	0.012	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Chloroform	0.006	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Chloromethane	0.012	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Chlorotoluene[2-]	0.006	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Chlorotoluene[4-]	0.006	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Dibromo-3-chloropropane[1,2-]	0.012	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Dibromomethane	0.006	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Dichlorobenzene[1,2-]	0.006	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Dichlorobenzene[1,3-]	0.006	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Dichlorobenzene[1,4-]	0.006	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Dichlorodifluoromethane	0.012	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Dichloroethane[1,1-]	0.006	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Dichloroethene[1,1-]	0.006	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Dichloroethene[cis-1,2-]	0.006	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Dichloroethene[trans-1,2-]	0.006	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Dichloropropane[1,2-]	0.006	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Dichloropropane[1,3-]	0.006	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Dichloropropane[2,2-]	0.006	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Dichloropropene[1,1-]	0.006	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Dichloropropene[cis-1,3-]	0.006	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Dichloropropene[trans-1,3-]	0.006	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Hexanone[2-]	0.024	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Iodomethane	0.006	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Isopropylbenzene	0.006	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Isopropyltoluene[4-]	0.006	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Methyl-2-pentanone[4-]	0.024	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Methylene chloride	0.013	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Propylbenzene[1-]	0.006	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Styrene	0.006	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Tetrachloroethane[1,1,1,2-]	0.006	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Tetrachloroethane[1,1,2,2-]	0.006	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Tetrachloroethene	0.006	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.006	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Trichloroethane[1,1,1-]	0.006	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Trichloroethane[1,1,2-]	0.006	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Trichloroethene	0.006	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Trichlorofluoromethane	0.006	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Trichloropropane[1,2,3-]	0.006	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Trimethylbenzene[1,2,4-]	0.006	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Trimethylbenzene[1,3,5-]	0.006	mg/kg	U
West canyon	21-11148	MD21-00-0095	64–65	Qbt 3	Vinyl chloride	0.012	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Aluminum	3600	mg/kg	None
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Antimony	0.169	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Arsenic	3.1	mg/kg	None
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Barium	23	mg/kg	None
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Beryllium	0.55	mg/kg	None
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Cadmium	0.043	mg/kg	J
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Calcium	470	mg/kg	None
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Chromium, total	2.4	mg/kg	None
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Cobalt	0.95	mg/kg	J
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Copper	1.6	mg/kg	None
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Iron	4200	mg/kg	None
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Magnesium	340	mg/kg	None
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Manganese	250	mg/kg	None
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Mercury	0.22	mg/kg	None
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Nickel	2	mg/kg	J
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Potassium	290	mg/kg	None
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Selenium	0.29	mg/kg	J
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Silver	0.36	mg/kg	J
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Sodium	210	mg/kg	None
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Thallium	0.29	mg/kg	None
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Vanadium	3.7	mg/kg	None
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Zinc	15	mg/kg	None
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Ethanol	5.3	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Acenaphthylene	0.7	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Aniline	0.7	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Azobenzene	0.7	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Benzo(g,h,i)perylene	0.7	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Benzoic acid	1.7	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Benzyl alcohol	0.7	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Bis(2-chloroethoxy)methane	0.7	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Bis(2-chloroethyl)ether	0.7	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Bis(2-ethylhexyl)phthalate	0.054	mg/kg	J
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Bromophenyl-phenylether[4-]	0.7	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Butylbenzylphthalate	0.7	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Chloro-3-methylphenol[4-]	0.7	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Chloroaniline[4-]	0.7	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Chloronaphthalene[2-]	0.7	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Chlorophenol[2-]	0.7	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.7	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Di-n-butylphthalate	0.7	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Di-n-octylphthalate	0.7	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Dibenzofuran	0.7	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Dichlorobenzene[1,2-]	0.7	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Dichlorobenzene[1,3-]	0.7	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Dichlorobenzene[1,4-]	0.7	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Dichlorobenzidine[3,3'-]	0.7	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Dichlorophenol[2,4-]	0.7	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Diethylphthalate	0.7	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Dimethyl phthalate	0.7	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Dimethylphenol[2,4-]	0.7	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Dinitrophenol[2,4-]	1.7	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Dinitrotoluene[2,4-]	0.7	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Dinitrotoluene[2,6-]	0.7	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Hexachlorobenzene	0.7	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Hexachlorobutadiene	0.7	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Hexachlorocyclopentadiene	0.7	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Hexachloroethane	0.7	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Indeno(1,2,3-cd)pyrene	0.7	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Isophorone	0.7	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Methylphenol[2-]	0.7	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Methylphenol[4-]	0.7	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Nitroaniline[2-]	1.7	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Nitroaniline[3-]	1.7	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Nitroaniline[4-]	0.7	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Nitrobenzene	0.7	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Nitrophenol[2-]	0.7	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Nitrophenol[4-]	1.7	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Nitroso-di-n-propylamine[N-]	0.7	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Nitrosodimethylamine[N-]	0.7	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Nitrosodiphenylamine[N-]	0.7	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.7	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Pentachlorophenol	1.7	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Phenol	0.7	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Pyridine	0.7	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Trichlorobenzene[1,2,4-]	0.7	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Trichlorophenol[2,4,5-]	1.7	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Trichlorophenol[2,4,6-]	0.7	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Stoddard solvent	0.33	mg/kg	None
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Acetone	0.021	mg/kg	R
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Bromobenzene	0.006	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Bromochloromethane	0.006	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Bromodichloromethane	0.006	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Bromoform	0.006	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Bromomethane	0.012	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Butanone[2-]	0.024	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Butylbenzene[n-]	0.006	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Butylbenzene[sec-]	0.006	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Butylbenzene[tert-]	0.006	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Carbon disulfide	0.006	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Carbon tetrachloride	0.006	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Chlorobenzene	0.006	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Chlorodibromomethane	0.006	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Chloroethane	0.012	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Chloroform	0.006	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Chloromethane	0.012	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Chlorotoluene[2-]	0.006	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Chlorotoluene[4-]	0.006	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Dibromo-3-chloropropane[1,2-]	0.012	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Dibromomethane	0.006	mg/kg	UJ
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Dichlorobenzene[1,2-]	0.006	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Dichlorobenzene[1,3-]	0.006	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Dichlorobenzene[1,4-]	0.006	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Dichlorodifluoromethane	0.012	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Dichloroethane[1,1-]	0.006	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Dichloroethene[1,1-]	0.006	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Dichloroethene[cis-1,2-]	0.006	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Dichloroethene[trans-1,2-]	0.006	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Dichloropropane[1,2-]	0.006	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Dichloropropane[1,3-]	0.006	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Dichloropropane[2,2-]	0.006	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Dichloropropene[1,1-]	0.006	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Dichloropropene[cis-1,3-]	0.006	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Dichloropropene[trans-1,3-]	0.006	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Hexanone[2-]	0.024	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Iodomethane	0.006	mg/kg	UJ
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Isopropylbenzene	0.006	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Isopropyltoluene[4-]	0.001	mg/kg	J
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Methyl-2-pentanone[4-]	0.024	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Methylene chloride	0.012	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Propylbenzene[1-]	0.006	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Styrene	0.006	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Tetrachloroethane[1,1,1,2-]	0.006	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Tetrachloroethane[1,1,2,2-]	0.006	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Tetrachloroethene	0.006	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.006	mg/kg	UJ
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Trichloroethane[1,1,1-]	0.006	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Trichloroethane[1,1,2-]	0.006	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Trichloroethene	0.006	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Trichlorofluoromethane	0.002	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Trichloropropane[1,2,3-]	0.006	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Trimethylbenzene[1,2,4-]	0.006	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Trimethylbenzene[1,3,5-]	0.006	mg/kg	U
West canyon	21-11157	MD21-00-0118	2–2.5	Qbt 3	Vinyl chloride	0.012	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Aluminum	1900	mg/kg	None
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Antimony	0.17	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Arsenic	1.9	mg/kg	None
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Barium	14	mg/kg	None
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Beryllium	0.42	mg/kg	J
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Cadmium	0.057	mg/kg	J
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Calcium	260	mg/kg	None
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Chromium, total	1.6	mg/kg	None
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Cobalt	0.68	mg/kg	J
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Copper	1	mg/kg	J
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Iron	3000	mg/kg	None
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Magnesium	110	mg/kg	None
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Manganese	250	mg/kg	None
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Mercury	0.0189	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Nickel	1.94	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Potassium	180	mg/kg	None
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Selenium	0.0809	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Silver	0.25	mg/kg	J

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Sodium	160	mg/kg	None
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Thallium	0.21	mg/kg	J
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Vanadium	2.3	mg/kg	None
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Zinc	15	mg/kg	None
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Ethanol	5.4	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Acenaphthylene	0.35	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Aniline	0.35	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Azobenzene	0.35	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Benzo(g,h,i)perylene	0.35	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Benzoic acid	0.88	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Benzyl alcohol	0.35	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Bis(2-chloroethoxy)methane	0.35	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Bis(2-chloroethyl)ether	0.35	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Bis(2-ethylhexyl)phthalate	0.035	mg/kg	J
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Bromophenyl-phenylether[4-]	0.35	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Butylbenzylphthalate	0.35	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Chloro-3-methylphenol[4-]	0.35	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Chloroaniline[4-]	0.35	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Chloronaphthalene[2-]	0.35	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Chlorophenol[2-]	0.35	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.35	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Di-n-butylphthalate	0.35	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Di-n-octylphthalate	0.35	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Dibenzofuran	0.35	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Dichlorobenzene[1,2-]	0.35	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Dichlorobenzene[1,3-]	0.35	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Dichlorobenzene[1,4-]	0.35	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Dichlorobenzidine[3,3'-]	0.35	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Dichlorophenol[2,4-]	0.35	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Diethylphthalate	0.35	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Dimethyl phthalate	0.35	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Dimethylphenol[2,4-]	0.35	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Dinitro-2-methylphenol[4,6-]	0.88	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Dinitrophenol[2,4-]	0.88	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Dinitrotoluene[2,4-]	0.35	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Dinitrotoluene[2,6-]	0.35	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Hexachlorobenzene	0.35	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Hexachlorobutadiene	0.35	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Hexachlorocyclopentadiene	0.35	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Hexachloroethane	0.35	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Isophorone	0.35	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Methylphenol[2-]	0.35	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Methylphenol[4-]	0.35	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Nitroaniline[2-]	0.88	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Nitroaniline[3-]	0.88	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Nitroaniline[4-]	0.35	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Nitrobenzene	0.35	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Nitrophenol[2-]	0.35	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Nitrophenol[4-]	0.88	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Nitrosodimethylamine[N-]	0.35	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Nitrosodiphenylamine[N-]	0.35	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Pentachlorophenol	0.88	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Phenol	0.35	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Pyridine	0.35	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Trichlorobenzene[1,2,4-]	0.35	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Trichlorophenol[2,4,5-]	0.88	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Trichlorophenol[2,4,6-]	0.35	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Stoddard solvent	0.044	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Acetone	0.021	mg/kg	R
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Bromobenzene	0.006	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Bromochloromethane	0.006	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Bromodichloromethane	0.006	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Bromoform	0.006	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Bromomethane	0.012	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Butanone[2-]	0.024	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Butylbenzene[n-]	0.006	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Butylbenzene[sec-]	0.006	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Butylbenzene[tert-]	0.006	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Carbon disulfide	0.006	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Carbon tetrachloride	0.006	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Chlorobenzene	0.006	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Chlorodibromomethane	0.006	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Chloroethane	0.012	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Chloroform	0.006	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Chloromethane	0.012	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Chlorotoluene[2-]	0.006	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Chlorotoluene[4-]	0.006	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Dibromo-3-chloropropane[1,2-]	0.012	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Dibromomethane	0.006	mg/kg	UJ
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Dichlorobenzene[1,2-]	0.006	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Dichlorobenzene[1,3-]	0.006	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Dichlorobenzene[1,4-]	0.006	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Dichlorodifluoromethane	0.012	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Dichloroethane[1,1-]	0.006	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Dichloroethene[1,1-]	0.006	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Dichloroethene[cis-1,2-]	0.006	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Dichloroethene[trans-1,2-]	0.006	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Dichloropropane[1,2-]	0.006	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Dichloropropane[1,3-]	0.006	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Dichloropropane[2,2-]	0.006	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Dichloropropene[1,1-]	0.006	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Dichloropropene[cis-1,3-]	0.006	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Dichloropropene[trans-1,3-]	0.006	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Hexanone[2-]	0.024	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Iodomethane	0.006	mg/kg	UJ
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Isopropylbenzene	0.006	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Isopropyltoluene[4-]	0.006	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Methyl-2-pentanone[4-]	0.024	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Methylene chloride	0.01	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Propylbenzene[1-]	0.006	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Styrene	0.006	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Tetrachloroethane[1,1,1,2-]	0.006	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Tetrachloroethane[1,1,2,2-]	0.006	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Tetrachloroethene	0.006	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.006	mg/kg	UJ
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Trichloroethane[1,1,1-]	0.006	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Trichloroethane[1,1,2-]	0.006	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Trichloroethene	0.006	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Trichlorofluoromethane	0.001	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Trichloropropane[1,2,3-]	0.006	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Trimethylbenzene[1,2,4-]	0.006	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Trimethylbenzene[1,3,5-]	0.006	mg/kg	U
West canyon	21-11157	MD21-00-0119	14–14.8	Qbt 3	Vinyl chloride	0.012	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Aluminum	2000	mg/kg	None

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Antimony	0.167	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Arsenic	2.1	mg/kg	None
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Barium	19	mg/kg	None
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Beryllium	0.51	mg/kg	J
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Cadmium	0.0406	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Calcium	460	mg/kg	None
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Chromium, total	2.8	mg/kg	None
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Cobalt	0.71	mg/kg	J
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Copper	1.6	mg/kg	None
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Iron	3400	mg/kg	None
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Magnesium	190	mg/kg	None
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Manganese	290	mg/kg	None
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Mercury	0.02	mg/kg	J
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Nickel	2.1	mg/kg	None
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Potassium	220	mg/kg	None
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Selenium	0.0792	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Silver	0.218	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Sodium	130	mg/kg	None
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Thallium	0.094	mg/kg	J
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Vanadium	3.1	mg/kg	None
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Zinc	51	mg/kg	None
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Ethanol	5.2	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Acenaphthylene	0.33	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Aniline	0.33	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Azobenzene	0.33	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Benzo(g,h,i)perylene	0.33	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Benzoic acid	0.84	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Benzyl alcohol	0.33	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Bis(2-chloroethoxy)methane	0.33	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Bis(2-chloroethyl)ether	0.33	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Bis(2-ethylhexyl)phthalate	0.026	mg/kg	J
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Bromophenyl-phenylether[4-]	0.33	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Butylbenzylphthalate	0.33	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Chloro-3-methylphenol[4-]	0.33	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Chloroaniline[4-]	0.33	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Chloronaphthalene[2-]	0.33	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Chlorophenol[2-]	0.33	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.33	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Di-n-butylphthalate	0.33	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Di-n-octylphthalate	0.33	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Dibenzofuran	0.33	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Dichlorobenzene[1,2-]	0.33	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Dichlorobenzene[1,3-]	0.33	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Dichlorobenzene[1,4-]	0.33	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Dichlorobenzidine[3,3'-]	0.33	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Dichlorophenol[2,4-]	0.33	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Diethylphthalate	0.33	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Dimethyl phthalate	0.33	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Dimethylphenol[2,4-]	0.33	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Dinitro-2-methylphenol[4,6-]	0.84	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Dinitrophenol[2,4-]	0.84	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Dinitrotoluene[2,4-]	0.33	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Dinitrotoluene[2,6-]	0.33	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Hexachlorobenzene	0.33	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Hexachlorobutadiene	0.33	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Hexachlorocyclopentadiene	0.33	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Hexachloroethane	0.33	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Indeno(1,2,3-cd)pyrene	0.33	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Isophorone	0.33	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Methylphenol[2-]	0.33	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Methylphenol[4-]	0.33	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Nitroaniline[2-]	0.84	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Nitroaniline[3-]	0.84	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Nitroaniline[4-]	0.33	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Nitrobenzene	0.33	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Nitrophenol[2-]	0.33	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Nitrophenol[4-]	0.84	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Nitroso-di-n-propylamine[N-]	0.33	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Nitrosodimethylamine[N-]	0.33	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Nitrosodiphenylamine[N-]	0.33	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.33	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Pentachlorophenol	0.84	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Phenol	0.33	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Pyridine	0.33	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Trichlorobenzene[1,2,4-]	0.33	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Trichlorophenol[2,4,5-]	0.84	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Trichlorophenol[2,4,6-]	0.33	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Stoddard solvent	0.04	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Acetone	0.018	mg/kg	R
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Bromobenzene	0.006	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Bromochloromethane	0.006	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Bromodichloromethane	0.006	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Bromoform	0.006	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Bromomethane	0.012	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Butanone[2-]	0.024	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Butylbenzene[n-]	0.006	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Butylbenzene[sec-]	0.006	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Butylbenzene[tert-]	0.006	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Carbon disulfide	0.006	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Carbon tetrachloride	0.006	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Chlorobenzene	0.006	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Chlorodibromomethane	0.006	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Chloroethane	0.012	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Chloroform	0.006	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Chloromethane	0.012	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Chlorotoluene[2-]	0.006	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Chlorotoluene[4-]	0.006	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Dibromo-3-chloropropane[1,2-]	0.012	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Dibromomethane	0.006	mg/kg	UJ
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Dichlorobenzene[1,2-]	0.006	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Dichlorobenzene[1,3-]	0.006	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Dichlorobenzene[1,4-]	0.006	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Dichlorodifluoromethane	0.012	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Dichloroethane[1,1-]	0.006	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Dichloroethene[1,1-]	0.006	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Dichloroethene[cis-1,2-]	0.006	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Dichloroethene[trans-1,2-]	0.006	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Dichloropropane[1,2-]	0.006	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Dichloropropane[1,3-]	0.006	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Dichloropropane[2,2-]	0.006	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Dichloropropene[1,1-]	0.006	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Dichloropropene[cis-1,3-]	0.006	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Dichloropropene[trans-1,3-]	0.006	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Hexanone[2-]	0.024	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Iodomethane	0.006	mg/kg	UJ
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Isopropylbenzene	0.006	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Isopropyltoluene[4-]	0.006	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Methyl-2-pentanone[4-]	0.024	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Methylene chloride	0.011	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Propylbenzene[1-]	0.006	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Styrene	0.006	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Tetrachloroethane[1,1,1,2-]	0.006	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Tetrachloroethane[1,1,2,2-]	0.006	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Tetrachloroethene	0.006	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.006	mg/kg	UJ
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Trichloroethane[1,1,1-]	0.006	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Trichloroethane[1,1,2-]	0.006	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Trichloroethene	0.006	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Trichlorofluoromethane	0.001	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Trichloropropane[1,2,3-]	0.006	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Trimethylbenzene[1,2,4-]	0.006	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Trimethylbenzene[1,3,5-]	0.006	mg/kg	U
West canyon	21-11162	MD21-00-0120	6–6.5	Qbt 3	Vinyl chloride	0.012	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Aluminum	880	mg/kg	None
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Antimony	0.167	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Arsenic	1.3	mg/kg	None
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Barium	6.1	mg/kg	None
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Beryllium	0.28	mg/kg	J
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Cadmium	0.0406	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Calcium	170	mg/kg	None
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Chromium, total	1.1	mg/kg	None
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Cobalt	0.54	mg/kg	J
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Copper	0.74	mg/kg	J
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Iron	2200	mg/kg	None
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Magnesium	110	mg/kg	None
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Manganese	190	mg/kg	None
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Mercury	0.00204	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Nickel	1.9	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Potassium	170	mg/kg	None
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Selenium	0.0792	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Silver	0.218	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Sodium	110	mg/kg	None
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Thallium	0.066	mg/kg	J
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Vanadium	1.5	mg/kg	None
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Zinc	40	mg/kg	None
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Ethanol	5.2	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Acenaphthylene	0.35	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Aniline	0.35	mg/kg	UJ
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Azobenzene	0.35	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Benzo(g,h,i)perylene	0.35	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Benzoic acid	0.87	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Benzyl alcohol	0.35	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Bis(2-chloroethoxy)methane	0.35	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Bis(2-chloroethyl)ether	0.35	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Bis(2-ethylhexyl)phthalate	0.029	mg/kg	J
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Bromophenyl-phenylether[4-]	0.35	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Butylbenzylphthalate	0.35	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Chloro-3-methylphenol[4-]	0.35	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Chloroaniline[4-]	0.35	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Chloronaphthalene[2-]	0.35	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Chlorophenol[2-]	0.35	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.35	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Di-n-butylphthalate	0.35	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Di-n-octylphthalate	0.35	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Dibenzofuran	0.35	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Dichlorobenzene[1,2-]	0.35	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Dichlorobenzene[1,3-]	0.35	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Dichlorobenzene[1,4-]	0.35	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Dichlorobenzidine[3,3'-]	0.35	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Dichlorophenol[2,4-]	0.35	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Diethylphthalate	0.35	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Dimethyl phthalate	0.35	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Dimethylphenol[2,4-]	0.35	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Dinitro-2-methylphenol[4,6-]	0.87	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Dinitrophenol[2,4-]	0.87	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Dinitrotoluene[2,4-]	0.35	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Dinitrotoluene[2,6-]	0.35	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Hexachlorobenzene	0.35	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Hexachlorobutadiene	0.35	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Hexachlorocyclopentadiene	0.35	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Hexachloroethane	0.35	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Isophorone	0.35	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Methylphenol[2-]	0.35	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Methylphenol[4-]	0.35	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Nitroaniline[2-]	0.87	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Nitroaniline[3-]	0.87	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Nitroaniline[4-]	0.35	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Nitrobenzene	0.35	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Nitrophenol[2-]	0.35	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Nitrophenol[4-]	0.87	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Nitrosodimethylamine[N-]	0.35	mg/kg	UJ
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Nitrosodiphenylamine[N-]	0.35	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	UJ
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Pentachlorophenol	0.87	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Phenol	0.35	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Pyridine	0.35	mg/kg	UJ
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Trichlorobenzene[1,2,4-]	0.35	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Trichlorophenol[2,4,5-]	0.87	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Trichlorophenol[2,4,6-]	0.35	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Stoddard solvent	0.04	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Acetone	0.024	mg/kg	R
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Bromobenzene	0.006	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Bromochloromethane	0.006	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Bromodichloromethane	0.006	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Bromoform	0.006	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Bromomethane	0.012	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Butanone[2-]	0.024	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Butylbenzene[n-]	0.006	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Butylbenzene[sec-]	0.006	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Butylbenzene[tert-]	0.006	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Carbon disulfide	0.006	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Carbon tetrachloride	0.006	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Chlorobenzene	0.006	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Chlorodibromomethane	0.006	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Chloroethane	0.012	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Chloroform	0.006	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Chloromethane	0.012	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Chlorotoluene[2-]	0.006	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Chlorotoluene[4-]	0.006	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Dibromo-3-chloropropane[1,2-]	0.012	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Dibromomethane	0.006	mg/kg	UJ
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Dichlorobenzene[1,2-]	0.006	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Dichlorobenzene[1,3-]	0.006	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Dichlorobenzene[1,4-]	0.006	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Dichlorodifluoromethane	0.012	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Dichloroethane[1,1-]	0.006	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Dichloroethene[1,1-]	0.006	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Dichloroethene[cis-1,2-]	0.006	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Dichloroethene[trans-1,2-]	0.006	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Dichloropropane[1,2-]	0.006	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Dichloropropane[1,3-]	0.006	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Dichloropropane[2,2-]	0.006	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Dichloropropene[1,1-]	0.006	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Dichloropropene[cis-1,3-]	0.006	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Dichloropropene[trans-1,3-]	0.006	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Hexanone[2-]	0.024	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Iodomethane	0.006	mg/kg	UJ
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Isopropylbenzene	0.006	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Isopropyltoluene[4-]	0.006	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Methyl-2-pentanone[4-]	0.024	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Methylene chloride	0.01	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Propylbenzene[1-]	0.006	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Styrene	0.006	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Tetrachloroethane[1,1,1,2-]	0.006	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Tetrachloroethane[1,1,2,2-]	0.006	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Tetrachloroethene	0.006	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.006	mg/kg	UJ
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Trichloroethane[1,1,1-]	0.006	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Trichloroethane[1,1,2-]	0.006	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Trichloroethene	0.006	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Trichlorofluoromethane	0.001	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Trichloropropane[1,2,3-]	0.006	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Trimethylbenzene[1,2,4-]	0.006	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Trimethylbenzene[1,3,5-]	0.006	mg/kg	U
West canyon	21-11162	MD21-00-0121	16–16.5	Qbt 3	Vinyl chloride	0.012	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Aluminum	11000	mg/kg	None
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Antimony	0.0983	mg/kg	J-
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Arsenic	4.5	mg/kg	None
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Barium	100	mg/kg	None
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Beryllium	0.79	mg/kg	None
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Cadmium	0.29	mg/kg	J+

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Calcium	2000	mg/kg	None
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Chromium, total	8.3	mg/kg	None
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Cobalt	4.3	mg/kg	None
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Copper	7	mg/kg	None
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Iron	15000	mg/kg	None
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Magnesium	1700	mg/kg	None
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Manganese	380	mg/kg	None
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Mercury	0.02	mg/kg	J
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Nickel	6.6	mg/kg	None
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Potassium	1500	mg/kg	None
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Selenium	0.353	mg/kg	None
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Silver	1.7	mg/kg	None
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Sodium	80	mg/kg	None
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Thallium	0.166	mg/kg	None
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Vanadium	22	mg/kg	None
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Zinc	270	mg/kg	None
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Ethanol	5.2	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Acenaphthylene	1.7	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Aniline	1.7	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Azobenzene	1.7	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Benzo(g,h,i)perylene	1.7	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Benzoic acid	4.3	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Benzyl alcohol	1.7	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Bis(2-chloroethoxy)methane	1.7	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Bis(2-chloroethyl)ether	1.7	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Bis(2-ethylhexyl)phthalate	1.7	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Bromophenyl-phenylether[4-]	1.7	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Butylbenzylphthalate	1.7	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Chloro-3-methylphenol[4-]	1.7	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Chloroaniline[4-]	1.7	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Chloronaphthalene[2-]	1.7	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Chlorophenol[2-]	1.7	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Chlorophenyl-phenyl[4-] ether	1.7	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Di-n-butylphthalate	1.7	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Di-n-octylphthalate	1.7	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Dibenzofuran	1.7	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Dichlorobenzene[1,2-]	1.7	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Dichlorobenzene[1,3-]	1.7	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Dichlorobenzene[1,4-]	1.7	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Dichlorobenzidine[3,3'-]	1.7	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Dichlorophenol[2,4-]	1.7	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Diethylphthalate	1.7	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Dimethyl phthalate	1.7	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Dimethylphenol[2,4-]	0.26	mg/kg	J+
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Dinitro-2-methylphenol[4,6-]	4.3	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Dinitrophenol[2,4-]	4.3	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Dinitrotoluene[2,4-]	1.7	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Dinitrotoluene[2,6-]	1.7	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Hexachlorobenzene	1.7	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Hexachlorobutadiene	1.7	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Hexachlorocyclopentadiene	1.7	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Hexachloroethane	1.7	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Indeno(1,2,3-cd)pyrene	1.7	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Isophorone	1.7	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Methylphenol[2-]	1.7	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Methylphenol[4-]	0.31	mg/kg	J+
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Nitroaniline[2-]	4.3	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Nitroaniline[3-]	4.3	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Nitroaniline[4-]	1.7	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Nitrobenzene	1.7	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Nitrophenol[2-]	1.7	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Nitrophenol[4-]	4.3	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Nitroso-di-n-propylamine[N-]	1.7	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Nitrosodimethylamine[N-]	1.7	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Nitrosodiphenylamine[N-]	1.7	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Oxybis(1-chloropropane)[2,2'-]	1.7	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Pentachlorophenol	4.3	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Phenol	2.4	mg/kg	J+
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Pyridine	1.7	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Trichlorobenzene[1,2,4-]	1.7	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Trichlorophenol[2,4,5-]	4.3	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Trichlorophenol[2,4,6-]	1.7	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Stoddard solvent	0.04	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Acetone	0.17	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Bromobenzene	0.006	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Bromochloromethane	0.006	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Bromodichloromethane	0.006	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Bromoform	0.006	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Bromomethane	0.013	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Butanone[2-]	0.026	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Butylbenzene[n-]	0.006	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Butylbenzene[sec-]	0.006	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Butylbenzene[tert-]	0.006	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Carbon disulfide	0.006	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Carbon tetrachloride	0.006	mg/kg	UJ
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Chlorobenzene	0.006	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Chlorodibromomethane	0.006	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Chloroethane	0.013	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Chloroform	0.006	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Chloromethane	0.013	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Chlorotoluene[2-]	0.006	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Chlorotoluene[4-]	0.006	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Dibromo-3-chloropropane[1,2-]	0.013	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Dibromomethane	0.006	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Dichlorobenzene[1,2-]	0.006	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Dichlorobenzene[1,3-]	0.006	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Dichlorobenzene[1,4-]	0.006	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Dichlorodifluoromethane	0.013	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Dichloroethane[1,1-]	0.006	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Dichloroethene[1,1-]	0.006	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Dichloroethene[cis-1,2-]	0.006	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Dichloroethene[trans-1,2-]	0.006	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Dichloropropane[1,2-]	0.006	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Dichloropropane[1,3-]	0.006	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Dichloropropane[2,2-]	0.006	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Dichloropropene[1,1-]	0.006	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Dichloropropene[cis-1,3-]	0.006	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Dichloropropene[trans-1,3-]	0.006	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Hexanone[2-]	0.026	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Iodomethane	0.006	mg/kg	UJ
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Isopropylbenzene	0.006	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Isopropyltoluene[4-]	0.006	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Methyl-2-pentanone[4-]	0.026	mg/kg	UJ
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Methylene chloride	0.009	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Propylbenzene[1-]	0.006	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Styrene	0.006	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Tetrachloroethane[1,1,1,2-]	0.006	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Tetrachloroethane[1,1,2,2-]	0.006	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Tetrachloroethene	0.006	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.006	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Trichloroethane[1,1,1-]	0.006	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Trichloroethane[1,1,2-]	0.006	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Trichloroethene	0.006	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Trichlorofluoromethane	0.001	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Trichloropropane[1,2,3-]	0.006	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Trimethylbenzene[1,2,4-]	0.006	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Trimethylbenzene[1,3,5-]	0.006	mg/kg	U
West canyon	21-11173	MD21-00-0147	0–0.5	Sediment	Vinyl chloride	0.013	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Aluminum	11000	mg/kg	None
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Antimony	0.0302	mg/kg	J-
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Arsenic	3.9	mg/kg	None
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Barium	91	mg/kg	None
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Beryllium	0.77	mg/kg	None
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Cadmium	0.14	mg/kg	J+
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Calcium	1800	mg/kg	None
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Chromium, total	8.1	mg/kg	None
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Cobalt	3.7	mg/kg	None
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Copper	6.8	mg/kg	None
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Iron	13000	mg/kg	None
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Magnesium	1500	mg/kg	None
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Manganese	330	mg/kg	None
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Mercury	0.023	mg/kg	J
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Nickel	6.3	mg/kg	None
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Potassium	1300	mg/kg	None
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Selenium	0.475	mg/kg	None
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Silver	1.8	mg/kg	None
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Sodium	89	mg/kg	None
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Thallium	0.164	mg/kg	None
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Vanadium	18	mg/kg	None
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Zinc	160	mg/kg	None
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Ethanol	5.2	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Acenaphthylene	1.7	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Aniline	1.7	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Azobenzene	1.7	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Benzo(g,h,i)perylene	1.7	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Benzoic acid	4.3	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Benzyl alcohol	1.7	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Bis(2-chloroethoxy)methane	1.7	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Bis(2-chloroethyl)ether	1.7	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Bis(2-ethylhexyl)phthalate	1.7	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Bromophenyl-phenylether[4-]	1.7	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Butylbenzylphthalate	1.7	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Chloro-3-methylphenol[4-]	1.7	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Chloroaniline[4-]	1.7	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Chloronaphthalene[2-]	1.7	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Chlorophenol[2-]	1.7	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Chlorophenyl-phenyl[4-] ether	1.7	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Di-n-butylphthalate	1.7	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Di-n-octylphthalate	1.7	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Dibenzofuran	1.7	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Dichlorobenzene[1,2-]	1.7	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Dichlorobenzene[1,3-]	1.7	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Dichlorobenzene[1,4-]	1.7	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Dichlorobenzidine[3,3'-]	1.7	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Dichlorophenol[2,4-]	1.7	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Diethylphthalate	1.7	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Dimethyl phthalate	1.7	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Dimethylphenol[2,4-]	0.088	mg/kg	J+
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Dinitro-2-methylphenol[4,6-]	4.3	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Dinitrophenol[2,4-]	4.3	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Dinitrotoluene[2,4-]	1.7	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Dinitrotoluene[2,6-]	1.7	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Hexachlorobenzene	1.7	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Hexachlorobutadiene	1.7	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Hexachlorocyclopentadiene	1.7	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Hexachloroethane	1.7	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Indeno(1,2,3-cd)pyrene	1.7	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Isophorone	1.7	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Methylphenol[2-]	1.7	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Methylphenol[4-]	1.7	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Nitroaniline[2-]	4.3	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Nitroaniline[3-]	4.3	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Nitroaniline[4-]	1.7	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Nitrobenzene	1.7	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Nitrophenol[2-]	1.7	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Nitrophenol[4-]	4.3	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Nitroso-di-n-propylamine[N-]	1.7	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Nitrosodimethylamine[N-]	1.7	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Nitrosodiphenylamine[N-]	1.7	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	1.7	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Pentachlorophenol	4.3	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Phenol	0.55	mg/kg	J+
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Pyridine	1.7	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Trichlorobenzene[1,2,4-]	1.7	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Trichlorophenol[2,4,5-]	4.3	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Trichlorophenol[2,4,6-]	1.7	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Stoddard solvent	0.04	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Acetone	0.018	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Bromobenzene	0.006	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Bromochloromethane	0.006	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Bromodichloromethane	0.006	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Bromoform	0.006	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Bromomethane	0.011	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Butanone[2-]	0.022	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Butylbenzene[n-]	0.006	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Butylbenzene[sec-]	0.006	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Butylbenzene[tert-]	0.006	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Carbon disulfide	0.006	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Carbon tetrachloride	0.006	mg/kg	UJ
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Chlorobenzene	0.006	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Chlorodibromomethane	0.006	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Chloroethane	0.011	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Chloroform	0.006	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Chloromethane	0.011	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Chlorotoluene[2-]	0.006	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Chlorotoluene[4-]	0.006	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Dibromo-3-chloropropane[1,2-]	0.011	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Dibromomethane	0.006	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Dichlorobenzene[1,2-]	0.006	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Dichlorobenzene[1,3-]	0.006	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Dichlorobenzene[1,4-]	0.006	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Dichlorodifluoromethane	0.011	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Dichloroethane[1,1-]	0.006	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Dichloroethene[1,1-]	0.006	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Dichloroethene[cis-1,2-]	0.006	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Dichloroethene[trans-1,2-]	0.006	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Dichloropropane[1,2-]	0.006	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Dichloropropane[1,3-]	0.006	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Dichloropropane[2,2-]	0.006	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Dichloropropene[1,1-]	0.006	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Dichloropropene[cis-1,3-]	0.006	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Dichloropropene[trans-1,3-]	0.006	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Hexanone[2-]	0.022	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Iodomethane	0.006	mg/kg	UJ
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Isopropylbenzene	0.006	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Isopropyltoluene[4-]	0.006	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Methyl-2-pentanone[4-]	0.022	mg/kg	UJ
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Methylene chloride	0.013	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Propylbenzene[1-]	0.006	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Styrene	0.006	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Tetrachloroethane[1,1,1,2-]	0.006	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Tetrachloroethane[1,1,2,2-]	0.006	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Tetrachloroethene	0.006	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.006	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Trichloroethane[1,1,1-]	0.006	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Trichloroethane[1,1,2-]	0.006	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Trichloroethene	0.006	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Trichlorofluoromethane	0.003	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Trichloropropane[1,2,3-]	0.006	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Trimethylbenzene[1,2,4-]	0.006	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Trimethylbenzene[1,3,5-]	0.006	mg/kg	U
West canyon	21-11173	MD21-00-0148	0.5–1.5	Qbt 3	Vinyl chloride	0.011	mg/kg	U
West canyon	21-11233	MD21-01-0080	0–0.07	Sediment	Aluminum	4730	mg/kg	None
West canyon	21-11233	MD21-01-0080	0–0.07	Sediment	Antimony	0.33	mg/kg	U
West canyon	21-11233	MD21-01-0080	0–0.07	Sediment	Arsenic	2.1	mg/kg	None
West canyon	21-11233	MD21-01-0080	0–0.07	Sediment	Barium	58.3	mg/kg	None
West canyon	21-11233	MD21-01-0080	0–0.07	Sediment	Beryllium	0.47	mg/kg	J
West canyon	21-11233	MD21-01-0080	0–0.07	Sediment	Cadmium	0.035	mg/kg	U
West canyon	21-11233	MD21-01-0080	0–0.07	Sediment	Calcium	4360	mg/kg	None
West canyon	21-11233	MD21-01-0080	0–0.07	Sediment	Chromium, total	8.9	mg/kg	None
West canyon	21-11233	MD21-01-0080	0–0.07	Sediment	Cobalt	3.6	mg/kg	J
West canyon	21-11233	MD21-01-0080	0–0.07	Sediment	Copper	21.1	mg/kg	None
West canyon	21-11233	MD21-01-0080	0–0.07	Sediment	Iron	8430	mg/kg	None

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11233	MD21-01-0080	0–0.07	Sediment	Magnesium	1450	mg/kg	None
West canyon	21-11233	MD21-01-0080	0–0.07	Sediment	Manganese	242	mg/kg	None
West canyon	21-11233	MD21-01-0080	0–0.07	Sediment	Mercury	0.041	mg/kg	J
West canyon	21-11233	MD21-01-0080	0–0.07	Sediment	Nickel	5.8	mg/kg	None
West canyon	21-11233	MD21-01-0080	0–0.07	Sediment	Potassium	967	mg/kg	None
West canyon	21-11233	MD21-01-0080	0–0.07	Sediment	Selenium	0.16	mg/kg	UJ
West canyon	21-11233	MD21-01-0080	0–0.07	Sediment	Silver	0.56	mg/kg	U
West canyon	21-11233	MD21-01-0080	0–0.07	Sediment	Sodium	65.9	mg/kg	J
West canyon	21-11233	MD21-01-0080	0–0.07	Sediment	Thallium	0.17	mg/kg	U
West canyon	21-11233	MD21-01-0080	0–0.07	Sediment	Vanadium	16.1	mg/kg	None
West canyon	21-11233	MD21-01-0080	0–0.07	Sediment	Zinc	89	mg/kg	None
West canyon	21-11233	MD21-01-0080	0–0.07	Sediment	Acenaphthylene	0.44	mg/kg	UJ
West canyon	21-11233	MD21-01-0080	0–0.07	Sediment	Aniline	0.44	mg/kg	UJ
West canyon	21-11233	MD21-01-0080	0–0.07	Sediment	Azobenzene	0.44	mg/kg	UJ
West canyon	21-11233	MD21-01-0080	0–0.07	Sediment	Benzo(g,h,i)perylene	0.44	mg/kg	UJ
West canyon	21-11233	MD21-01-0080	0–0.07	Sediment	Benzoic acid	2.1	mg/kg	UJ
West canyon	21-11233	MD21-01-0080	0–0.07	Sediment	Benzyl alcohol	0.44	mg/kg	UJ
West canyon	21-11233	MD21-01-0080	0–0.07	Sediment	Bis(2-chloroethoxy)methane	0.44	mg/kg	UJ
West canyon	21-11233	MD21-01-0080	0–0.07	Sediment	Bis(2-chloroethyl)ether	0.44	mg/kg	UJ
West canyon	21-11233	MD21-01-0080	0–0.07	Sediment	Bis(2-ethylhexyl)phthalate	0.15	mg/kg	J-
West canyon	21-11233	MD21-01-0080	0–0.07	Sediment	Bromophenyl-phenylether[4-]	0.44	mg/kg	UJ
West canyon	21-11233	MD21-01-0080	0–0.07	Sediment	Butylbenzylphthalate	0.44	mg/kg	UJ
West canyon	21-11233	MD21-01-0080	0–0.07	Sediment	Chloro-3-methylphenol[4-]	0.44	mg/kg	UJ
West canyon	21-11233	MD21-01-0080	0–0.07	Sediment	Chloroaniline[4-]	0.44	mg/kg	UJ
West canyon	21-11233	MD21-01-0080	0–0.07	Sediment	Chloronaphthalene[2-]	0.44	mg/kg	UJ
West canyon	21-11233	MD21-01-0080	0–0.07	Sediment	Chlorophenol[2-]	0.44	mg/kg	UJ
West canyon	21-11233	MD21-01-0080	0–0.07	Sediment	Chlorophenyl-phenyl[4-] ether	0.44	mg/kg	UJ
West canyon	21-11233	MD21-01-0080	0–0.07	Sediment	Di-n-butylphthalate	0.44	mg/kg	UJ
West canyon	21-11233	MD21-01-0080	0–0.07	Sediment	Di-n-octylphthalate	0.44	mg/kg	UJ
West canyon	21-11233	MD21-01-0080	0–0.07	Sediment	Dibenzofuran	0.44	mg/kg	UJ
West canyon	21-11233	MD21-01-0080	0–0.07	Sediment	Dichlorobenzene[1,2-]	0.44	mg/kg	UJ
West canyon	21-11233	MD21-01-0080	0–0.07	Sediment	Dichlorobenzene[1,3-]	0.44	mg/kg	UJ
West canyon	21-11233	MD21-01-0080	0–0.07	Sediment	Dichlorobenzene[1,4-]	0.44	mg/kg	UJ
West canyon	21-11233	MD21-01-0080	0–0.07	Sediment	Dichlorobenzidine[3,3'-]	2.1	mg/kg	UJ
West canyon	21-11233	MD21-01-0080	0–0.07	Sediment	Dichlorophenol[2,4-]	0.44	mg/kg	UJ
West canyon	21-11233	MD21-01-0080	0–0.07	Sediment	Diethylphthalate	0.44	mg/kg	UJ
West canyon	21-11233	MD21-01-0080	0–0.07	Sediment	Dimethyl phthalate	0.44	mg/kg	UJ
West canyon	21-11233	MD21-01-0080	0–0.07	Sediment	Dimethylphenol[2,4-]	0.44	mg/kg	UJ
West canyon	21-11233	MD21-01-0080	0–0.07	Sediment	Dinitro-2-methylphenol[4,6-]	2.1	mg/kg	UJ

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11233	MD21-01-0080	0–0.07	Sediment	Dinitrophenol[2,4-]	2.1	mg/kg	UJ
West canyon	21-11233	MD21-01-0080	0–0.07	Sediment	Dinitrotoluene[2,4-]	0.44	mg/kg	UJ
West canyon	21-11233	MD21-01-0080	0–0.07	Sediment	Dinitrotoluene[2,6-]	0.44	mg/kg	UJ
West canyon	21-11233	MD21-01-0080	0–0.07	Sediment	Hexachlorobenzene	0.44	mg/kg	UJ
West canyon	21-11233	MD21-01-0080	0–0.07	Sediment	Hexachlorobutadiene	0.44	mg/kg	UJ
West canyon	21-11233	MD21-01-0080	0–0.07	Sediment	Hexachlorocyclopentadiene	2.1	mg/kg	UJ
West canyon	21-11233	MD21-01-0080	0–0.07	Sediment	Hexachloroethane	0.44	mg/kg	UJ
West canyon	21-11233	MD21-01-0080	0–0.07	Sediment	Indeno(1,2,3-cd)pyrene	0.44	mg/kg	UJ
West canyon	21-11233	MD21-01-0080	0–0.07	Sediment	Isophorone	0.44	mg/kg	UJ
West canyon	21-11233	MD21-01-0080	0–0.07	Sediment	Methylphenol[2-]	0.44	mg/kg	UJ
West canyon	21-11233	MD21-01-0080	0–0.07	Sediment	Methylphenol[4-]	0.44	mg/kg	UJ
West canyon	21-11233	MD21-01-0080	0–0.07	Sediment	Nitroaniline[2-]	2.1	mg/kg	UJ
West canyon	21-11233	MD21-01-0080	0–0.07	Sediment	Nitroaniline[3-]	2.1	mg/kg	UJ
West canyon	21-11233	MD21-01-0080	0–0.07	Sediment	Nitroaniline[4-]	2.1	mg/kg	UJ
West canyon	21-11233	MD21-01-0080	0–0.07	Sediment	Nitrobenzene	0.44	mg/kg	UJ
West canyon	21-11233	MD21-01-0080	0–0.07	Sediment	Nitrophenol[2-]	0.44	mg/kg	UJ
West canyon	21-11233	MD21-01-0080	0–0.07	Sediment	Nitrophenol[4-]	2.1	mg/kg	UJ
West canyon	21-11233	MD21-01-0080	0–0.07	Sediment	Nitroso-di-n-propylamine[N-]	0.44	mg/kg	UJ
West canyon	21-11233	MD21-01-0080	0–0.07	Sediment	Nitrosodimethylamine[N-]	0.44	mg/kg	UJ
West canyon	21-11233	MD21-01-0080	0–0.07	Sediment	Nitrosodiphenylamine[N-]	0.44	mg/kg	UJ
West canyon	21-11233	MD21-01-0080	0–0.07	Sediment	Oxybis(1-chloropropane)[2,2'-]	0.44	mg/kg	UJ
West canyon	21-11233	MD21-01-0080	0–0.07	Sediment	Pentachlorophenol	2.1	mg/kg	UJ
West canyon	21-11233	MD21-01-0080	0–0.07	Sediment	Phenol	0.44	mg/kg	UJ
West canyon	21-11233	MD21-01-0080	0–0.07	Sediment	Trichlorobenzene[1,2,4-]	0.44	mg/kg	UJ
West canyon	21-11233	MD21-01-0080	0–0.07	Sediment	Trichlorophenol[2,4,5-]	0.44	mg/kg	UJ
West canyon	21-11233	MD21-01-0080	0–0.07	Sediment	Trichlorophenol[2,4,6-]	0.44	mg/kg	UJ
West canyon	21-11233	MD21-01-0080	0–0.07	Sediment	Trimethylbenzene[1,2,4-]	0.0062	mg/kg	UJ
West canyon	21-11233	MD21-01-0080	0–0.07	Sediment	Trimethylbenzene[1,3,5-]	0.0062	mg/kg	UJ
West canyon	21-11234	MD21-01-0081	0–0.07	Sediment	Aluminum	1090	mg/kg	None
West canyon	21-11234	MD21-01-0081	0–0.07	Sediment	Antimony	0.3	mg/kg	U
West canyon	21-11234	MD21-01-0081	0–0.07	Sediment	Arsenic	1.3	mg/kg	None
West canyon	21-11234	MD21-01-0081	0–0.07	Sediment	Barium	11.4	mg/kg	J
West canyon	21-11234	MD21-01-0081	0–0.07	Sediment	Beryllium	0.51	mg/kg	J
West canyon	21-11234	MD21-01-0081	0–0.07	Sediment	Cadmium	0.031	mg/kg	U
West canyon	21-11234	MD21-01-0081	0–0.07	Sediment	Calcium	228	mg/kg	J
West canyon	21-11234	MD21-01-0081	0–0.07	Sediment	Chromium, total	7.1	mg/kg	None
West canyon	21-11234	MD21-01-0081	0–0.07	Sediment	Cobalt	0.7	mg/kg	J
West canyon	21-11234	MD21-01-0081	0–0.07	Sediment	Copper	2.2	mg/kg	J
West canyon	21-11234	MD21-01-0081	0–0.07	Sediment	Iron	5620	mg/kg	None

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11234	MD21-01-0081	0–0.07	Sediment	Magnesium	133	mg/kg	J
West canyon	21-11234	MD21-01-0081	0–0.07	Sediment	Manganese	257	mg/kg	None
West canyon	21-11234	MD21-01-0081	0–0.07	Sediment	Mercury	0.02	mg/kg	U
West canyon	21-11234	MD21-01-0081	0–0.07	Sediment	Nickel	0.72	mg/kg	J
West canyon	21-11234	MD21-01-0081	0–0.07	Sediment	Potassium	207	mg/kg	J
West canyon	21-11234	MD21-01-0081	0–0.07	Sediment	Selenium	0.15	mg/kg	UJ
West canyon	21-11234	MD21-01-0081	0–0.07	Sediment	Silver	0.51	mg/kg	U
West canyon	21-11234	MD21-01-0081	0–0.07	Sediment	Sodium	81.7	mg/kg	J
West canyon	21-11234	MD21-01-0081	0–0.07	Sediment	Thallium	0.16	mg/kg	U
West canyon	21-11234	MD21-01-0081	0–0.07	Sediment	Vanadium	2.6	mg/kg	J
West canyon	21-11234	MD21-01-0081	0–0.07	Sediment	Zinc	37.1	mg/kg	None
West canyon	21-11234	MD21-01-0081	0–0.07	Sediment	Acenaphthylene	0.4	mg/kg	U
West canyon	21-11234	MD21-01-0081	0–0.07	Sediment	Aniline	0.4	mg/kg	U
West canyon	21-11234	MD21-01-0081	0–0.07	Sediment	Azobenzene	0.4	mg/kg	U
West canyon	21-11234	MD21-01-0081	0–0.07	Sediment	Benzo(g,h,i)perylene	0.4	mg/kg	U
West canyon	21-11234	MD21-01-0081	0–0.07	Sediment	Benzoic acid	1.9	mg/kg	U
West canyon	21-11234	MD21-01-0081	0–0.07	Sediment	Benzyl alcohol	0.4	mg/kg	U
West canyon	21-11234	MD21-01-0081	0–0.07	Sediment	Bis(2-chloroethoxy)methane	0.4	mg/kg	U
West canyon	21-11234	MD21-01-0081	0–0.07	Sediment	Bis(2-chloroethyl)ether	0.4	mg/kg	U
West canyon	21-11234	MD21-01-0081	0–0.07	Sediment	Bis(2-ethylhexyl)phthalate	0.42	mg/kg	J
West canyon	21-11234	MD21-01-0081	0–0.07	Sediment	Bromophenyl-phenylether[4-]	0.4	mg/kg	U
West canyon	21-11234	MD21-01-0081	0–0.07	Sediment	Butylbenzylphthalate	0.4	mg/kg	U
West canyon	21-11234	MD21-01-0081	0–0.07	Sediment	Chloro-3-methylphenol[4-]	0.4	mg/kg	U
West canyon	21-11234	MD21-01-0081	0–0.07	Sediment	Chloroaniline[4-]	0.4	mg/kg	U
West canyon	21-11234	MD21-01-0081	0–0.07	Sediment	Chloronaphthalene[2-]	0.4	mg/kg	U
West canyon	21-11234	MD21-01-0081	0–0.07	Sediment	Chlorophenol[2-]	0.4	mg/kg	U
West canyon	21-11234	MD21-01-0081	0–0.07	Sediment	Chlorophenyl-phenyl[4-] ether	0.4	mg/kg	U
West canyon	21-11234	MD21-01-0081	0–0.07	Sediment	Di-n-butylphthalate	0.4	mg/kg	U
West canyon	21-11234	MD21-01-0081	0–0.07	Sediment	Di-n-octylphthalate	0.4	mg/kg	U
West canyon	21-11234	MD21-01-0081	0–0.07	Sediment	Dibenzofuran	0.4	mg/kg	U
West canyon	21-11234	MD21-01-0081	0–0.07	Sediment	Dichlorobenzene[1,2-]	0.4	mg/kg	U
West canyon	21-11234	MD21-01-0081	0–0.07	Sediment	Dichlorobenzene[1,3-]	0.4	mg/kg	U
West canyon	21-11234	MD21-01-0081	0–0.07	Sediment	Dichlorobenzene[1,4-]	0.4	mg/kg	U
West canyon	21-11234	MD21-01-0081	0–0.07	Sediment	Dichlorobenzidine[3,3'-]	1.9	mg/kg	U
West canyon	21-11234	MD21-01-0081	0–0.07	Sediment	Dichlorophenol[2,4-]	0.4	mg/kg	U
West canyon	21-11234	MD21-01-0081	0–0.07	Sediment	Diethylphthalate	0.4	mg/kg	U
West canyon	21-11234	MD21-01-0081	0–0.07	Sediment	Dimethyl phthalate	0.4	mg/kg	U
West canyon	21-11234	MD21-01-0081	0–0.07	Sediment	Dimethylphenol[2,4-]	0.4	mg/kg	U
West canyon	21-11234	MD21-01-0081	0–0.07	Sediment	Dinitro-2-methylphenol[4,6-]	1.9	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11234	MD21-01-0081	0–0.07	Sediment	Dinitrophenol[2,4-]	1.9	mg/kg	U
West canyon	21-11234	MD21-01-0081	0–0.07	Sediment	Dinitrotoluene[2,4-]	0.4	mg/kg	U
West canyon	21-11234	MD21-01-0081	0–0.07	Sediment	Dinitrotoluene[2,6-]	0.4	mg/kg	U
West canyon	21-11234	MD21-01-0081	0–0.07	Sediment	Hexachlorobenzene	0.4	mg/kg	U
West canyon	21-11234	MD21-01-0081	0–0.07	Sediment	Hexachlorobutadiene	0.4	mg/kg	U
West canyon	21-11234	MD21-01-0081	0–0.07	Sediment	Hexachlorocyclopentadiene	1.9	mg/kg	U
West canyon	21-11234	MD21-01-0081	0–0.07	Sediment	Hexachloroethane	0.4	mg/kg	U
West canyon	21-11234	MD21-01-0081	0–0.07	Sediment	Indeno(1,2,3-cd)pyrene	0.4	mg/kg	U
West canyon	21-11234	MD21-01-0081	0–0.07	Sediment	Isophorone	0.4	mg/kg	U
West canyon	21-11234	MD21-01-0081	0–0.07	Sediment	Methylphenol[2-]	0.4	mg/kg	U
West canyon	21-11234	MD21-01-0081	0–0.07	Sediment	Methylphenol[4-]	0.4	mg/kg	U
West canyon	21-11234	MD21-01-0081	0–0.07	Sediment	Nitroaniline[2-]	1.9	mg/kg	U
West canyon	21-11234	MD21-01-0081	0–0.07	Sediment	Nitroaniline[3-]	1.9	mg/kg	U
West canyon	21-11234	MD21-01-0081	0–0.07	Sediment	Nitroaniline[4-]	1.9	mg/kg	U
West canyon	21-11234	MD21-01-0081	0–0.07	Sediment	Nitrobenzene	0.4	mg/kg	U
West canyon	21-11234	MD21-01-0081	0–0.07	Sediment	Nitrophenol[2-]	0.4	mg/kg	U
West canyon	21-11234	MD21-01-0081	0–0.07	Sediment	Nitrophenol[4-]	1.9	mg/kg	U
West canyon	21-11234	MD21-01-0081	0–0.07	Sediment	Nitroso-di-n-propylamine[N-]	0.4	mg/kg	U
West canyon	21-11234	MD21-01-0081	0–0.07	Sediment	Nitrosodimethylamine[N-]	0.4	mg/kg	U
West canyon	21-11234	MD21-01-0081	0–0.07	Sediment	Nitrosodiphenylamine[N-]	0.4	mg/kg	U
West canyon	21-11234	MD21-01-0081	0–0.07	Sediment	Oxybis(1-chloropropane)[2,2'-]	0.4	mg/kg	U
West canyon	21-11234	MD21-01-0081	0–0.07	Sediment	Pentachlorophenol	1.9	mg/kg	U
West canyon	21-11234	MD21-01-0081	0–0.07	Sediment	Phenol	0.4	mg/kg	U
West canyon	21-11234	MD21-01-0081	0–0.07	Sediment	Trichlorobenzene[1,2,4-]	0.4	mg/kg	U
West canyon	21-11234	MD21-01-0081	0–0.07	Sediment	Trichlorophenol[2,4,5-]	0.4	mg/kg	U
West canyon	21-11234	MD21-01-0081	0–0.07	Sediment	Trichlorophenol[2,4,6-]	0.4	mg/kg	U
West canyon	21-11234	MD21-01-0081	0–0.07	Sediment	Trimethylbenzene[1,2,4-]	0.0052	mg/kg	U
West canyon	21-11234	MD21-01-0081	0–0.07	Sediment	Trimethylbenzene[1,3,5-]	0.0052	mg/kg	U
West canyon	21-11235	MD21-01-0082	0–0.07	Sediment	Aluminum	3920	mg/kg	None
West canyon	21-11235	MD21-01-0082	0–0.07	Sediment	Antimony	0.32	mg/kg	U
West canyon	21-11235	MD21-01-0082	0–0.07	Sediment	Arsenic	1.9	mg/kg	None
West canyon	21-11235	MD21-01-0082	0–0.07	Sediment	Barium	64.4	mg/kg	None
West canyon	21-11235	MD21-01-0082	0–0.07	Sediment	Beryllium	0.53	mg/kg	J
West canyon	21-11235	MD21-01-0082	0–0.07	Sediment	Cadmium	0.033	mg/kg	U
West canyon	21-11235	MD21-01-0082	0–0.07	Sediment	Calcium	1870	mg/kg	None
West canyon	21-11235	MD21-01-0082	0–0.07	Sediment	Chromium, total	4.1	mg/kg	None
West canyon	21-11235	MD21-01-0082	0–0.07	Sediment	Cobalt	2.2	mg/kg	J
West canyon	21-11235	MD21-01-0082	0–0.07	Sediment	Copper	4.7	mg/kg	None
West canyon	21-11235	MD21-01-0082	0–0.07	Sediment	Iron	6480	mg/kg	None

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11235	MD21-01-0082	0–0.07	Sediment	Magnesium	886	mg/kg	None
West canyon	21-11235	MD21-01-0082	0–0.07	Sediment	Manganese	235	mg/kg	None
West canyon	21-11235	MD21-01-0082	0–0.07	Sediment	Mercury	0.034	mg/kg	J
West canyon	21-11235	MD21-01-0082	0–0.07	Sediment	Nickel	3.3	mg/kg	J
West canyon	21-11235	MD21-01-0082	0–0.07	Sediment	Potassium	762	mg/kg	None
West canyon	21-11235	MD21-01-0082	0–0.07	Sediment	Selenium	0.15	mg/kg	UJ
West canyon	21-11235	MD21-01-0082	0–0.07	Sediment	Silver	0.53	mg/kg	U
West canyon	21-11235	MD21-01-0082	0–0.07	Sediment	Sodium	8.1	mg/kg	U
West canyon	21-11235	MD21-01-0082	0–0.07	Sediment	Thallium	0.17	mg/kg	U
West canyon	21-11235	MD21-01-0082	0–0.07	Sediment	Vanadium	10.5	mg/kg	None
West canyon	21-11235	MD21-01-0082	0–0.07	Sediment	Zinc	35.2	mg/kg	None
West canyon	21-11235	MD21-01-0082	0–0.07	Sediment	Acenaphthylene	0.41	mg/kg	UJ
West canyon	21-11235	MD21-01-0082	0–0.07	Sediment	Aniline	0.41	mg/kg	UJ
West canyon	21-11235	MD21-01-0082	0–0.07	Sediment	Azobenzene	0.41	mg/kg	UJ
West canyon	21-11235	MD21-01-0082	0–0.07	Sediment	Benzo(g,h,i)perylene	0.41	mg/kg	UJ
West canyon	21-11235	MD21-01-0082	0–0.07	Sediment	Benzoic acid	2	mg/kg	UJ
West canyon	21-11235	MD21-01-0082	0–0.07	Sediment	Benzyl alcohol	0.41	mg/kg	UJ
West canyon	21-11235	MD21-01-0082	0–0.07	Sediment	Bis(2-chloroethoxy)methane	0.41	mg/kg	UJ
West canyon	21-11235	MD21-01-0082	0–0.07	Sediment	Bis(2-chloroethyl)ether	0.41	mg/kg	UJ
West canyon	21-11235	MD21-01-0082	0–0.07	Sediment	Bis(2-ethylhexyl)phthalate	0.41	mg/kg	UJ
West canyon	21-11235	MD21-01-0082	0–0.07	Sediment	Bromophenyl-phenylether[4-]	0.41	mg/kg	UJ
West canyon	21-11235	MD21-01-0082	0–0.07	Sediment	Butylbenzylphthalate	0.41	mg/kg	UJ
West canyon	21-11235	MD21-01-0082	0–0.07	Sediment	Chloro-3-methylphenol[4-]	0.41	mg/kg	UJ
West canyon	21-11235	MD21-01-0082	0–0.07	Sediment	Chloroaniline[4-]	0.41	mg/kg	UJ
West canyon	21-11235	MD21-01-0082	0–0.07	Sediment	Chloronaphthalene[2-]	0.41	mg/kg	UJ
West canyon	21-11235	MD21-01-0082	0–0.07	Sediment	Chlorophenol[2-]	0.41	mg/kg	UJ
West canyon	21-11235	MD21-01-0082	0–0.07	Sediment	Chlorophenyl-phenyl[4-] ether	0.41	mg/kg	UJ
West canyon	21-11235	MD21-01-0082	0–0.07	Sediment	Di-n-butylphthalate	0.41	mg/kg	UJ
West canyon	21-11235	MD21-01-0082	0–0.07	Sediment	Di-n-octylphthalate	0.41	mg/kg	UJ
West canyon	21-11235	MD21-01-0082	0–0.07	Sediment	Dibenzofuran	0.41	mg/kg	UJ
West canyon	21-11235	MD21-01-0082	0–0.07	Sediment	Dichlorobenzene[1,2-]	0.41	mg/kg	UJ
West canyon	21-11235	MD21-01-0082	0–0.07	Sediment	Dichlorobenzene[1,3-]	0.41	mg/kg	UJ
West canyon	21-11235	MD21-01-0082	0–0.07	Sediment	Dichlorobenzene[1,4-]	0.41	mg/kg	UJ
West canyon	21-11235	MD21-01-0082	0–0.07	Sediment	Dichlorobenzidine[3,3'-]	2	mg/kg	UJ
West canyon	21-11235	MD21-01-0082	0–0.07	Sediment	Dichlorophenol[2,4-]	0.41	mg/kg	UJ
West canyon	21-11235	MD21-01-0082	0–0.07	Sediment	Diethylphthalate	0.41	mg/kg	UJ
West canyon	21-11235	MD21-01-0082	0–0.07	Sediment	Dimethyl phthalate	0.41	mg/kg	UJ
West canyon	21-11235	MD21-01-0082	0–0.07	Sediment	Dimethylphenol[2,4-]	0.41	mg/kg	UJ
West canyon	21-11235	MD21-01-0082	0–0.07	Sediment	Dinitro-2-methylphenol[4,6-]	2	mg/kg	UJ

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11235	MD21-01-0082	0–0.07	Sediment	Dinitrophenol[2,4-]	2	mg/kg	UJ
West canyon	21-11235	MD21-01-0082	0–0.07	Sediment	Dinitrotoluene[2,4-]	0.41	mg/kg	UJ
West canyon	21-11235	MD21-01-0082	0–0.07	Sediment	Dinitrotoluene[2,6-]	0.41	mg/kg	UJ
West canyon	21-11235	MD21-01-0082	0–0.07	Sediment	Hexachlorobenzene	0.41	mg/kg	UJ
West canyon	21-11235	MD21-01-0082	0–0.07	Sediment	Hexachlorobutadiene	0.41	mg/kg	UJ
West canyon	21-11235	MD21-01-0082	0–0.07	Sediment	Hexachlorocyclopentadiene	2	mg/kg	UJ
West canyon	21-11235	MD21-01-0082	0–0.07	Sediment	Hexachloroethane	0.41	mg/kg	UJ
West canyon	21-11235	MD21-01-0082	0–0.07	Sediment	Indeno(1,2,3-cd)pyrene	0.41	mg/kg	UJ
West canyon	21-11235	MD21-01-0082	0–0.07	Sediment	Isophorone	0.41	mg/kg	UJ
West canyon	21-11235	MD21-01-0082	0–0.07	Sediment	Methylphenol[2-]	0.41	mg/kg	UJ
West canyon	21-11235	MD21-01-0082	0–0.07	Sediment	Methylphenol[4-]	0.41	mg/kg	UJ
West canyon	21-11235	MD21-01-0082	0–0.07	Sediment	Nitroaniline[2-]	2	mg/kg	UJ
West canyon	21-11235	MD21-01-0082	0–0.07	Sediment	Nitroaniline[3-]	2	mg/kg	UJ
West canyon	21-11235	MD21-01-0082	0–0.07	Sediment	Nitroaniline[4-]	2	mg/kg	UJ
West canyon	21-11235	MD21-01-0082	0–0.07	Sediment	Nitrobenzene	0.41	mg/kg	UJ
West canyon	21-11235	MD21-01-0082	0–0.07	Sediment	Nitrophenol[2-]	0.41	mg/kg	UJ
West canyon	21-11235	MD21-01-0082	0–0.07	Sediment	Nitrophenol[4-]	2	mg/kg	UJ
West canyon	21-11235	MD21-01-0082	0–0.07	Sediment	Nitroso-di-n-propylamine[N-]	0.41	mg/kg	UJ
West canyon	21-11235	MD21-01-0082	0–0.07	Sediment	Nitrosodimethylamine[N-]	0.41	mg/kg	UJ
West canyon	21-11235	MD21-01-0082	0–0.07	Sediment	Nitrosodiphenylamine[N-]	0.41	mg/kg	UJ
West canyon	21-11235	MD21-01-0082	0–0.07	Sediment	Oxybis(1-chloropropane)[2,2'-]	0.41	mg/kg	UJ
West canyon	21-11235	MD21-01-0082	0–0.07	Sediment	Pentachlorophenol	2	mg/kg	UJ
West canyon	21-11235	MD21-01-0082	0–0.07	Sediment	Phenol	0.41	mg/kg	UJ
West canyon	21-11235	MD21-01-0082	0–0.07	Sediment	Trichlorobenzene[1,2,4-]	0.41	mg/kg	UJ
West canyon	21-11235	MD21-01-0082	0–0.07	Sediment	Trichlorophenol[2,4,5-]	0.41	mg/kg	UJ
West canyon	21-11235	MD21-01-0082	0–0.07	Sediment	Trichlorophenol[2,4,6-]	0.41	mg/kg	UJ
West canyon	21-11235	MD21-01-0082	0–0.07	Sediment	Trimethylbenzene[1,2,4-]	0.0057	mg/kg	UJ
West canyon	21-11235	MD21-01-0082	0–0.07	Sediment	Trimethylbenzene[1,3,5-]	0.0057	mg/kg	UJ
West canyon	21-11237	MD21-01-0083	0–0.13	Sediment	Aluminum	7760	mg/kg	None
West canyon	21-11237	MD21-01-0083	0–0.13	Sediment	Antimony	0.29	mg/kg	U
West canyon	21-11237	MD21-01-0083	0–0.13	Sediment	Arsenic	2.3	mg/kg	None
West canyon	21-11237	MD21-01-0083	0–0.13	Sediment	Barium	109	mg/kg	None
West canyon	21-11237	MD21-01-0083	0–0.13	Sediment	Beryllium	0.73	mg/kg	None
West canyon	21-11237	MD21-01-0083	0–0.13	Sediment	Cadmium	0.031	mg/kg	U
West canyon	21-11237	MD21-01-0083	0–0.13	Sediment	Calcium	2020	mg/kg	None
West canyon	21-11237	MD21-01-0083	0–0.13	Sediment	Chromium, total	6.6	mg/kg	None
West canyon	21-11237	MD21-01-0083	0–0.13	Sediment	Cobalt	6	mg/kg	None
West canyon	21-11237	MD21-01-0083	0–0.13	Sediment	Copper	5.7	mg/kg	None
West canyon	21-11237	MD21-01-0083	0–0.13	Sediment	Iron	10600	mg/kg	None

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11237	MD21-01-0083	0–0.13	Sediment	Magnesium	1580	mg/kg	None
West canyon	21-11237	MD21-01-0083	0–0.13	Sediment	Manganese	368	mg/kg	None
West canyon	21-11237	MD21-01-0083	0–0.13	Sediment	Mercury	0.02	mg/kg	U
West canyon	21-11237	MD21-01-0083	0–0.13	Sediment	Nickel	6.8	mg/kg	None
West canyon	21-11237	MD21-01-0083	0–0.13	Sediment	Potassium	1160	mg/kg	None
West canyon	21-11237	MD21-01-0083	0–0.13	Sediment	Selenium	0.14	mg/kg	UJ
West canyon	21-11237	MD21-01-0083	0–0.13	Sediment	Silver	0.49	mg/kg	U
West canyon	21-11237	MD21-01-0083	0–0.13	Sediment	Sodium	21.6	mg/kg	U
West canyon	21-11237	MD21-01-0083	0–0.13	Sediment	Thallium	0.15	mg/kg	U
West canyon	21-11237	MD21-01-0083	0–0.13	Sediment	Vanadium	17.8	mg/kg	None
West canyon	21-11237	MD21-01-0083	0–0.13	Sediment	Zinc	90.9	mg/kg	None
West canyon	21-11237	MD21-01-0083	0–0.13	Sediment	Acenaphthylene	0.39	mg/kg	U
West canyon	21-11237	MD21-01-0083	0–0.13	Sediment	Aniline	0.39	mg/kg	U
West canyon	21-11237	MD21-01-0083	0–0.13	Sediment	Azobenzene	0.39	mg/kg	U
West canyon	21-11237	MD21-01-0083	0–0.13	Sediment	Benzo(g,h,i)perylene	0.39	mg/kg	U
West canyon	21-11237	MD21-01-0083	0–0.13	Sediment	Benzoic acid	1.9	mg/kg	U
West canyon	21-11237	MD21-01-0083	0–0.13	Sediment	Benzyl alcohol	0.39	mg/kg	U
West canyon	21-11237	MD21-01-0083	0–0.13	Sediment	Bis(2-chloroethoxy)methane	0.39	mg/kg	U
West canyon	21-11237	MD21-01-0083	0–0.13	Sediment	Bis(2-chloroethyl)ether	0.39	mg/kg	U
West canyon	21-11237	MD21-01-0083	0–0.13	Sediment	Bis(2-ethylhexyl)phthalate	0.39	mg/kg	U
West canyon	21-11237	MD21-01-0083	0–0.13	Sediment	Bromophenyl-phenylether[4-]	0.39	mg/kg	U
West canyon	21-11237	MD21-01-0083	0–0.13	Sediment	Butylbenzylphthalate	0.39	mg/kg	U
West canyon	21-11237	MD21-01-0083	0–0.13	Sediment	Chloro-3-methylphenol[4-]	0.39	mg/kg	U
West canyon	21-11237	MD21-01-0083	0–0.13	Sediment	Chloroaniline[4-]	0.39	mg/kg	U
West canyon	21-11237	MD21-01-0083	0–0.13	Sediment	Chloronaphthalene[2-]	0.39	mg/kg	U
West canyon	21-11237	MD21-01-0083	0–0.13	Sediment	Chlorophenol[2-]	0.39	mg/kg	U
West canyon	21-11237	MD21-01-0083	0–0.13	Sediment	Chlorophenyl-phenyl[4-] ether	0.39	mg/kg	U
West canyon	21-11237	MD21-01-0083	0–0.13	Sediment	Di-n-butylphthalate	0.39	mg/kg	U
West canyon	21-11237	MD21-01-0083	0–0.13	Sediment	Di-n-octylphthalate	0.39	mg/kg	U
West canyon	21-11237	MD21-01-0083	0–0.13	Sediment	Dibenzofuran	0.39	mg/kg	U
West canyon	21-11237	MD21-01-0083	0–0.13	Sediment	Dichlorobenzene[1,2-]	0.39	mg/kg	U
West canyon	21-11237	MD21-01-0083	0–0.13	Sediment	Dichlorobenzene[1,3-]	0.39	mg/kg	U
West canyon	21-11237	MD21-01-0083	0–0.13	Sediment	Dichlorobenzene[1,4-]	0.39	mg/kg	U
West canyon	21-11237	MD21-01-0083	0–0.13	Sediment	Dichlorobenzidine[3,3'-]	1.9	mg/kg	U
West canyon	21-11237	MD21-01-0083	0–0.13	Sediment	Dichlorophenol[2,4-]	0.39	mg/kg	U
West canyon	21-11237	MD21-01-0083	0–0.13	Sediment	Diethylphthalate	0.39	mg/kg	U
West canyon	21-11237	MD21-01-0083	0–0.13	Sediment	Dimethyl phthalate	0.39	mg/kg	U
West canyon	21-11237	MD21-01-0083	0–0.13	Sediment	Dimethylphenol[2,4-]	0.39	mg/kg	U
West canyon	21-11237	MD21-01-0083	0–0.13	Sediment	Dinitro-2-methylphenol[4,6-]	1.9	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11237	MD21-01-0083	0–0.13	Sediment	Dinitrophenol[2,4-]	1.9	mg/kg	U
West canyon	21-11237	MD21-01-0083	0–0.13	Sediment	Dinitrotoluene[2,4-]	0.39	mg/kg	U
West canyon	21-11237	MD21-01-0083	0–0.13	Sediment	Dinitrotoluene[2,6-]	0.39	mg/kg	U
West canyon	21-11237	MD21-01-0083	0–0.13	Sediment	Hexachlorobenzene	0.39	mg/kg	U
West canyon	21-11237	MD21-01-0083	0–0.13	Sediment	Hexachlorobutadiene	0.39	mg/kg	U
West canyon	21-11237	MD21-01-0083	0–0.13	Sediment	Hexachlorocyclopentadiene	1.9	mg/kg	U
West canyon	21-11237	MD21-01-0083	0–0.13	Sediment	Hexachloroethane	0.39	mg/kg	U
West canyon	21-11237	MD21-01-0083	0–0.13	Sediment	Indeno(1,2,3-cd)pyrene	0.39	mg/kg	U
West canyon	21-11237	MD21-01-0083	0–0.13	Sediment	Isophorone	0.39	mg/kg	U
West canyon	21-11237	MD21-01-0083	0–0.13	Sediment	Methylphenol[2-]	0.39	mg/kg	U
West canyon	21-11237	MD21-01-0083	0–0.13	Sediment	Methylphenol[4-]	0.39	mg/kg	U
West canyon	21-11237	MD21-01-0083	0–0.13	Sediment	Nitroaniline[2-]	1.9	mg/kg	U
West canyon	21-11237	MD21-01-0083	0–0.13	Sediment	Nitroaniline[3-]	1.9	mg/kg	U
West canyon	21-11237	MD21-01-0083	0–0.13	Sediment	Nitroaniline[4-]	1.9	mg/kg	U
West canyon	21-11237	MD21-01-0083	0–0.13	Sediment	Nitrobenzene	0.39	mg/kg	U
West canyon	21-11237	MD21-01-0083	0–0.13	Sediment	Nitrophenol[2-]	0.39	mg/kg	U
West canyon	21-11237	MD21-01-0083	0–0.13	Sediment	Nitrophenol[4-]	1.9	mg/kg	U
West canyon	21-11237	MD21-01-0083	0–0.13	Sediment	Nitroso-di-n-propylamine[N-]	0.39	mg/kg	U
West canyon	21-11237	MD21-01-0083	0–0.13	Sediment	Nitrosodimethylamine[N-]	0.39	mg/kg	U
West canyon	21-11237	MD21-01-0083	0–0.13	Sediment	Nitrosodiphenylamine[N-]	0.39	mg/kg	U
West canyon	21-11237	MD21-01-0083	0–0.13	Sediment	Oxybis(1-chloropropane)[2,2'-]	0.39	mg/kg	U
West canyon	21-11237	MD21-01-0083	0–0.13	Sediment	Pentachlorophenol	1.9	mg/kg	U
West canyon	21-11237	MD21-01-0083	0–0.13	Sediment	Phenol	0.39	mg/kg	U
West canyon	21-11237	MD21-01-0083	0–0.13	Sediment	Trichlorobenzene[1,2,4-]	0.39	mg/kg	U
West canyon	21-11237	MD21-01-0083	0–0.13	Sediment	Trichlorophenol[2,4,5-]	0.39	mg/kg	U
West canyon	21-11237	MD21-01-0083	0–0.13	Sediment	Trichlorophenol[2,4,6-]	0.39	mg/kg	U
West canyon	21-11237	MD21-01-0083	0–0.13	Sediment	Chlorobenzene	0.0052	mg/kg	U
West canyon	21-11237	MD21-01-0083	0–0.13	Sediment	Dichlorobenzene[1,4-]	0.0052	mg/kg	UJ
West canyon	21-11237	MD21-01-0083	0–0.13	Sediment	Dichloroethene[1,1-]	0.0052	mg/kg	U
West canyon	21-11237	MD21-01-0083	0–0.13	Sediment	Trichloroethene	0.0052	mg/kg	U
West canyon	21-11237	MD21-01-0083	0–0.13	Sediment	Trimethylbenzene[1,2,4-]	0.0052	mg/kg	UJ
West canyon	21-11237	MD21-01-0083	0–0.13	Sediment	Trimethylbenzene[1,3,5-]	0.0052	mg/kg	UJ
West canyon	21-11237	MD21-01-0084	0–0.13	Sediment	Aluminum	7760	mg/kg	None
West canyon	21-11237	MD21-01-0084	0–0.13	Sediment	Antimony	0.28	mg/kg	U
West canyon	21-11237	MD21-01-0084	0–0.13	Sediment	Arsenic	2.6	mg/kg	None
West canyon	21-11237	MD21-01-0084	0–0.13	Sediment	Barium	92.8	mg/kg	None
West canyon	21-11237	MD21-01-0084	0–0.13	Sediment	Beryllium	0.74	mg/kg	None
West canyon	21-11237	MD21-01-0084	0–0.13	Sediment	Cadmium	0.029	mg/kg	U
West canyon	21-11237	MD21-01-0084	0–0.13	Sediment	Calcium	1770	mg/kg	None

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11237	MD21-01-0084	0–0.13	Sediment	Chromium, total	6.5	mg/kg	None
West canyon	21-11237	MD21-01-0084	0–0.13	Sediment	Cobalt	4.2	mg/kg	J
West canyon	21-11237	MD21-01-0084	0–0.13	Sediment	Copper	5.9	mg/kg	None
West canyon	21-11237	MD21-01-0084	0–0.13	Sediment	Iron	10700	mg/kg	None
West canyon	21-11237	MD21-01-0084	0–0.13	Sediment	Magnesium	1530	mg/kg	None
West canyon	21-11237	MD21-01-0084	0–0.13	Sediment	Manganese	314	mg/kg	None
West canyon	21-11237	MD21-01-0084	0–0.13	Sediment	Mercury	0.2	mg/kg	None
West canyon	21-11237	MD21-01-0084	0–0.13	Sediment	Nickel	5.6	mg/kg	None
West canyon	21-11237	MD21-01-0084	0–0.13	Sediment	Potassium	928	mg/kg	None
West canyon	21-11237	MD21-01-0084	0–0.13	Sediment	Selenium	0.14	mg/kg	UJ
West canyon	21-11237	MD21-01-0084	0–0.13	Sediment	Silver	0.47	mg/kg	U
West canyon	21-11237	MD21-01-0084	0–0.13	Sediment	Sodium	23.8	mg/kg	U
West canyon	21-11237	MD21-01-0084	0–0.13	Sediment	Thallium	0.15	mg/kg	U
West canyon	21-11237	MD21-01-0084	0–0.13	Sediment	Vanadium	16.7	mg/kg	None
West canyon	21-11237	MD21-01-0084	0–0.13	Sediment	Zinc	93.2	mg/kg	None
West canyon	21-11237	MD21-01-0084	0–0.13	Sediment	Acenaphthylene	0.38	mg/kg	UJ
West canyon	21-11237	MD21-01-0084	0–0.13	Sediment	Aniline	0.38	mg/kg	UJ
West canyon	21-11237	MD21-01-0084	0–0.13	Sediment	Azobenzene	0.38	mg/kg	UJ
West canyon	21-11237	MD21-01-0084	0–0.13	Sediment	Benzo(g,h,i)perylene	0.38	mg/kg	UJ
West canyon	21-11237	MD21-01-0084	0–0.13	Sediment	Benzoic acid	1.9	mg/kg	UJ
West canyon	21-11237	MD21-01-0084	0–0.13	Sediment	Benzyl alcohol	0.38	mg/kg	UJ
West canyon	21-11237	MD21-01-0084	0–0.13	Sediment	Bis(2-chloroethoxy)methane	0.38	mg/kg	UJ
West canyon	21-11237	MD21-01-0084	0–0.13	Sediment	Bis(2-chloroethyl)ether	0.38	mg/kg	UJ
West canyon	21-11237	MD21-01-0084	0–0.13	Sediment	Bis(2-ethylhexyl)phthalate	0.38	mg/kg	UJ
West canyon	21-11237	MD21-01-0084	0–0.13	Sediment	Bromophenyl-phenylether[4-]	0.38	mg/kg	UJ
West canyon	21-11237	MD21-01-0084	0–0.13	Sediment	Butylbenzylphthalate	0.38	mg/kg	UJ
West canyon	21-11237	MD21-01-0084	0–0.13	Sediment	Chloro-3-methylphenol[4-]	0.38	mg/kg	UJ
West canyon	21-11237	MD21-01-0084	0–0.13	Sediment	Chloroaniline[4-]	0.38	mg/kg	UJ
West canyon	21-11237	MD21-01-0084	0–0.13	Sediment	Chloronaphthalene[2-]	0.38	mg/kg	UJ
West canyon	21-11237	MD21-01-0084	0–0.13	Sediment	Chlorophenol[2-]	0.38	mg/kg	UJ
West canyon	21-11237	MD21-01-0084	0–0.13	Sediment	Chlorophenyl-phenyl[4-] ether	0.38	mg/kg	UJ
West canyon	21-11237	MD21-01-0084	0–0.13	Sediment	Di-n-butylphthalate	0.38	mg/kg	UJ
West canyon	21-11237	MD21-01-0084	0–0.13	Sediment	Di-n-octylphthalate	0.38	mg/kg	UJ
West canyon	21-11237	MD21-01-0084	0–0.13	Sediment	Dibenzofuran	0.38	mg/kg	UJ
West canyon	21-11237	MD21-01-0084	0–0.13	Sediment	Dichlorobenzene[1,2-]	0.38	mg/kg	UJ
West canyon	21-11237	MD21-01-0084	0–0.13	Sediment	Dichlorobenzene[1,3-]	0.38	mg/kg	UJ
West canyon	21-11237	MD21-01-0084	0–0.13	Sediment	Dichlorobenzene[1,4-]	0.38	mg/kg	UJ
West canyon	21-11237	MD21-01-0084	0–0.13	Sediment	Dichlorobenzidine[3,3'-]	1.9	mg/kg	UJ
West canyon	21-11237	MD21-01-0084	0–0.13	Sediment	Dichlorophenol[2,4-]	0.38	mg/kg	UJ

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11237	MD21-01-0084	0–0.13	Sediment	Diethylphthalate	0.38	mg/kg	UJ
West canyon	21-11237	MD21-01-0084	0–0.13	Sediment	Dimethyl phthalate	0.38	mg/kg	UJ
West canyon	21-11237	MD21-01-0084	0–0.13	Sediment	Dimethylphenol[2,4-]	0.38	mg/kg	UJ
West canyon	21-11237	MD21-01-0084	0–0.13	Sediment	Dinitro-2-methylphenol[4,6-]	1.9	mg/kg	UJ
West canyon	21-11237	MD21-01-0084	0–0.13	Sediment	Dinitrophenol[2,4-]	1.9	mg/kg	UJ
West canyon	21-11237	MD21-01-0084	0–0.13	Sediment	Dinitrotoluene[2,4-]	0.38	mg/kg	UJ
West canyon	21-11237	MD21-01-0084	0–0.13	Sediment	Dinitrotoluene[2,6-]	0.38	mg/kg	UJ
West canyon	21-11237	MD21-01-0084	0–0.13	Sediment	Hexachlorobenzene	0.38	mg/kg	UJ
West canyon	21-11237	MD21-01-0084	0–0.13	Sediment	Hexachlorobutadiene	0.38	mg/kg	UJ
West canyon	21-11237	MD21-01-0084	0–0.13	Sediment	Hexachlorocyclopentadiene	1.9	mg/kg	UJ
West canyon	21-11237	MD21-01-0084	0–0.13	Sediment	Hexachloroethane	0.38	mg/kg	UJ
West canyon	21-11237	MD21-01-0084	0–0.13	Sediment	Indeno(1,2,3-cd)pyrene	0.11	mg/kg	J-
West canyon	21-11237	MD21-01-0084	0–0.13	Sediment	Isophorone	0.38	mg/kg	UJ
West canyon	21-11237	MD21-01-0084	0–0.13	Sediment	Methylphenol[2-]	0.38	mg/kg	UJ
West canyon	21-11237	MD21-01-0084	0–0.13	Sediment	Methylphenol[4-]	0.38	mg/kg	UJ
West canyon	21-11237	MD21-01-0084	0–0.13	Sediment	Nitroaniline[2-]	1.9	mg/kg	UJ
West canyon	21-11237	MD21-01-0084	0–0.13	Sediment	Nitroaniline[3-]	1.9	mg/kg	UJ
West canyon	21-11237	MD21-01-0084	0–0.13	Sediment	Nitroaniline[4-]	1.9	mg/kg	UJ
West canyon	21-11237	MD21-01-0084	0–0.13	Sediment	Nitrobenzene	0.38	mg/kg	UJ
West canyon	21-11237	MD21-01-0084	0–0.13	Sediment	Nitrophenol[2-]	0.38	mg/kg	UJ
West canyon	21-11237	MD21-01-0084	0–0.13	Sediment	Nitrophenol[4-]	1.9	mg/kg	UJ
West canyon	21-11237	MD21-01-0084	0–0.13	Sediment	Nitroso-di-n-propylamine[N-]	0.38	mg/kg	UJ
West canyon	21-11237	MD21-01-0084	0–0.13	Sediment	Nitrosodimethylamine[N-]	0.38	mg/kg	UJ
West canyon	21-11237	MD21-01-0084	0–0.13	Sediment	Nitrosodiphenylamine[N-]	0.38	mg/kg	UJ
West canyon	21-11237	MD21-01-0084	0–0.13	Sediment	Oxybis(1-chloropropane)[2,2'-]	0.38	mg/kg	UJ
West canyon	21-11237	MD21-01-0084	0–0.13	Sediment	Pentachlorophenol	1.9	mg/kg	UJ
West canyon	21-11237	MD21-01-0084	0–0.13	Sediment	Phenol	0.38	mg/kg	UJ
West canyon	21-11237	MD21-01-0084	0–0.13	Sediment	Trichlorobenzene[1,2,4-]	0.38	mg/kg	UJ
West canyon	21-11237	MD21-01-0084	0–0.13	Sediment	Trichlorophenol[2,4,5-]	0.38	mg/kg	UJ
West canyon	21-11237	MD21-01-0084	0–0.13	Sediment	Trichlorophenol[2,4,6-]	0.38	mg/kg	UJ
West canyon	21-11237	MD21-01-0084	0–0.13	Sediment	Trimethylbenzene[1,2,4-]	0.01	mg/kg	J+
West canyon	21-11237	MD21-01-0084	0–0.13	Sediment	Trimethylbenzene[1,3,5-]	0.0052	mg/kg	UJ
West canyon	21-11238	MD21-01-0085	0–0.13	Sediment	Aluminum	7390	mg/kg	None
West canyon	21-11238	MD21-01-0085	0–0.13	Sediment	Antimony	0.3	mg/kg	U
West canyon	21-11238	MD21-01-0085	0–0.13	Sediment	Arsenic	2.7	mg/kg	None
West canyon	21-11238	MD21-01-0085	0–0.13	Sediment	Barium	101	mg/kg	None
West canyon	21-11238	MD21-01-0085	0–0.13	Sediment	Beryllium	0.74	mg/kg	None
West canyon	21-11238	MD21-01-0085	0–0.13	Sediment	Cadmium	0.032	mg/kg	U
West canyon	21-11238	MD21-01-0085	0–0.13	Sediment	Calcium	2180	mg/kg	None

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11238	MD21-01-0085	0–0.13	Sediment	Chromium, total	5.9	mg/kg	None
West canyon	21-11238	MD21-01-0085	0–0.13	Sediment	Cobalt	4.1	mg/kg	J
West canyon	21-11238	MD21-01-0085	0–0.13	Sediment	Copper	5.8	mg/kg	None
West canyon	21-11238	MD21-01-0085	0–0.13	Sediment	Iron	9850	mg/kg	None
West canyon	21-11238	MD21-01-0085	0–0.13	Sediment	Magnesium	1510	mg/kg	None
West canyon	21-11238	MD21-01-0085	0–0.13	Sediment	Manganese	367	mg/kg	None
West canyon	21-11238	MD21-01-0085	0–0.13	Sediment	Mercury	0.025	mg/kg	J
West canyon	21-11238	MD21-01-0085	0–0.13	Sediment	Nickel	5.7	mg/kg	None
West canyon	21-11238	MD21-01-0085	0–0.13	Sediment	Potassium	1150	mg/kg	None
West canyon	21-11238	MD21-01-0085	0–0.13	Sediment	Selenium	0.15	mg/kg	UJ
West canyon	21-11238	MD21-01-0085	0–0.13	Sediment	Silver	0.51	mg/kg	U
West canyon	21-11238	MD21-01-0085	0–0.13	Sediment	Sodium	20.3	mg/kg	U
West canyon	21-11238	MD21-01-0085	0–0.13	Sediment	Thallium	0.16	mg/kg	U
West canyon	21-11238	MD21-01-0085	0–0.13	Sediment	Vanadium	16.1	mg/kg	None
West canyon	21-11238	MD21-01-0085	0–0.13	Sediment	Zinc	105	mg/kg	None
West canyon	21-11238	MD21-01-0085	0–0.13	Sediment	Acenaphthylene	0.41	mg/kg	U
West canyon	21-11238	MD21-01-0085	0–0.13	Sediment	Aniline	0.41	mg/kg	U
West canyon	21-11238	MD21-01-0085	0–0.13	Sediment	Azobenzene	0.41	mg/kg	U
West canyon	21-11238	MD21-01-0085	0–0.13	Sediment	Benzo(g,h,i)perylene	0.2	mg/kg	J
West canyon	21-11238	MD21-01-0085	0–0.13	Sediment	Benzoic acid	0.17	mg/kg	J
West canyon	21-11238	MD21-01-0085	0–0.13	Sediment	Benzyl alcohol	0.41	mg/kg	U
West canyon	21-11238	MD21-01-0085	0–0.13	Sediment	Bis(2-chloroethoxy)methane	0.41	mg/kg	U
West canyon	21-11238	MD21-01-0085	0–0.13	Sediment	Bis(2-chloroethyl)ether	0.41	mg/kg	U
West canyon	21-11238	MD21-01-0085	0–0.13	Sediment	Bis(2-ethylhexyl)phthalate	0.41	mg/kg	U
West canyon	21-11238	MD21-01-0085	0–0.13	Sediment	Bromophenyl-phenylether[4-]	0.41	mg/kg	U
West canyon	21-11238	MD21-01-0085	0–0.13	Sediment	Butylbenzylphthalate	0.41	mg/kg	U
West canyon	21-11238	MD21-01-0085	0–0.13	Sediment	Chloro-3-methylphenol[4-]	0.41	mg/kg	U
West canyon	21-11238	MD21-01-0085	0–0.13	Sediment	Chloroaniline[4-]	0.41	mg/kg	U
West canyon	21-11238	MD21-01-0085	0–0.13	Sediment	Chloronaphthalene[2-]	0.41	mg/kg	U
West canyon	21-11238	MD21-01-0085	0–0.13	Sediment	Chlorophenol[2-]	0.41	mg/kg	U
West canyon	21-11238	MD21-01-0085	0–0.13	Sediment	Chlorophenyl-phenyl[4-] ether	0.41	mg/kg	U
West canyon	21-11238	MD21-01-0085	0–0.13	Sediment	Di-n-butylphthalate	0.41	mg/kg	U
West canyon	21-11238	MD21-01-0085	0–0.13	Sediment	Di-n-octylphthalate	0.41	mg/kg	U
West canyon	21-11238	MD21-01-0085	0–0.13	Sediment	Dibenzofuran	0.41	mg/kg	U
West canyon	21-11238	MD21-01-0085	0–0.13	Sediment	Dichlorobenzene[1,2-]	0.41	mg/kg	U
West canyon	21-11238	MD21-01-0085	0–0.13	Sediment	Dichlorobenzene[1,3-]	0.41	mg/kg	U
West canyon	21-11238	MD21-01-0085	0–0.13	Sediment	Dichlorobenzene[1,4-]	0.41	mg/kg	U
West canyon	21-11238	MD21-01-0085	0–0.13	Sediment	Dichlorobenzidine[3,3'-]	2	mg/kg	U
West canyon	21-11238	MD21-01-0085	0–0.13	Sediment	Dichlorophenol[2,4-]	0.41	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11238	MD21-01-0085	0–0.13	Sediment	Diethylphthalate	0.41	mg/kg	U
West canyon	21-11238	MD21-01-0085	0–0.13	Sediment	Dimethyl phthalate	0.41	mg/kg	U
West canyon	21-11238	MD21-01-0085	0–0.13	Sediment	Dimethylphenol[2,4-]	0.41	mg/kg	U
West canyon	21-11238	MD21-01-0085	0–0.13	Sediment	Dinitro-2-methylphenol[4,6-]	2	mg/kg	U
West canyon	21-11238	MD21-01-0085	0–0.13	Sediment	Dinitrophenol[2,4-]	2	mg/kg	U
West canyon	21-11238	MD21-01-0085	0–0.13	Sediment	Dinitrotoluene[2,4-]	0.41	mg/kg	U
West canyon	21-11238	MD21-01-0085	0–0.13	Sediment	Dinitrotoluene[2,6-]	0.41	mg/kg	U
West canyon	21-11238	MD21-01-0085	0–0.13	Sediment	Hexachlorobenzene	0.41	mg/kg	U
West canyon	21-11238	MD21-01-0085	0–0.13	Sediment	Hexachlorobutadiene	0.41	mg/kg	U
West canyon	21-11238	MD21-01-0085	0–0.13	Sediment	Hexachlorocyclopentadiene	2	mg/kg	U
West canyon	21-11238	MD21-01-0085	0–0.13	Sediment	Hexachloroethane	0.41	mg/kg	U
West canyon	21-11238	MD21-01-0085	0–0.13	Sediment	Indeno(1,2,3-cd)pyrene	0.29	mg/kg	J
West canyon	21-11238	MD21-01-0085	0–0.13	Sediment	Isophorone	0.41	mg/kg	U
West canyon	21-11238	MD21-01-0085	0–0.13	Sediment	Methylphenol[2-]	0.41	mg/kg	U
West canyon	21-11238	MD21-01-0085	0–0.13	Sediment	Methylphenol[4-]	0.41	mg/kg	U
West canyon	21-11238	MD21-01-0085	0–0.13	Sediment	Nitroaniline[2-]	2	mg/kg	U
West canyon	21-11238	MD21-01-0085	0–0.13	Sediment	Nitroaniline[3-]	2	mg/kg	U
West canyon	21-11238	MD21-01-0085	0–0.13	Sediment	Nitroaniline[4-]	2	mg/kg	U
West canyon	21-11238	MD21-01-0085	0–0.13	Sediment	Nitrobenzene	0.41	mg/kg	U
West canyon	21-11238	MD21-01-0085	0–0.13	Sediment	Nitrophenol[2-]	0.41	mg/kg	U
West canyon	21-11238	MD21-01-0085	0–0.13	Sediment	Nitrophenol[4-]	2	mg/kg	U
West canyon	21-11238	MD21-01-0085	0–0.13	Sediment	Nitroso-di-n-propylamine[N-]	0.41	mg/kg	U
West canyon	21-11238	MD21-01-0085	0–0.13	Sediment	Nitrosodimethylamine[N-]	0.41	mg/kg	U
West canyon	21-11238	MD21-01-0085	0–0.13	Sediment	Nitrosodiphenylamine[N-]	0.41	mg/kg	U
West canyon	21-11238	MD21-01-0085	0–0.13	Sediment	Oxybis(1-chloropropane)[2,2'-]	0.41	mg/kg	U
West canyon	21-11238	MD21-01-0085	0–0.13	Sediment	Pentachlorophenol	2	mg/kg	U
West canyon	21-11238	MD21-01-0085	0–0.13	Sediment	Phenol	0.41	mg/kg	U
West canyon	21-11238	MD21-01-0085	0–0.13	Sediment	Trichlorobenzene[1,2,4-]	0.41	mg/kg	U
West canyon	21-11238	MD21-01-0085	0–0.13	Sediment	Trichlorophenol[2,4,5-]	0.41	mg/kg	U
West canyon	21-11238	MD21-01-0085	0–0.13	Sediment	Trichlorophenol[2,4,6-]	0.41	mg/kg	U
West canyon	21-11238	MD21-01-0085	0–0.13	Sediment	Trimethylbenzene[1,2,4-]	0.0035	mg/kg	J+
West canyon	21-11238	MD21-01-0085	0–0.13	Sediment	Trimethylbenzene[1,3,5-]	0.0056	mg/kg	UJ
West canyon	21-11239	MD21-01-0086	0–0.13	Sediment	Aluminum	7110	mg/kg	None
West canyon	21-11239	MD21-01-0086	0–0.13	Sediment	Antimony	0.33	mg/kg	U
West canyon	21-11239	MD21-01-0086	0–0.13	Sediment	Arsenic	2.6	mg/kg	None
West canyon	21-11239	MD21-01-0086	0–0.13	Sediment	Barium	103	mg/kg	None
West canyon	21-11239	MD21-01-0086	0–0.13	Sediment	Beryllium	0.65	mg/kg	J
West canyon	21-11239	MD21-01-0086	0–0.13	Sediment	Cadmium	0.035	mg/kg	U
West canyon	21-11239	MD21-01-0086	0–0.13	Sediment	Calcium	3280	mg/kg	None

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11239	MD21-01-0086	0–0.13	Sediment	Chromium, total	6.7	mg/kg	None
West canyon	21-11239	MD21-01-0086	0–0.13	Sediment	Cobalt	4.2	mg/kg	J
West canyon	21-11239	MD21-01-0086	0–0.13	Sediment	Copper	7.4	mg/kg	None
West canyon	21-11239	MD21-01-0086	0–0.13	Sediment	Iron	9350	mg/kg	None
West canyon	21-11239	MD21-01-0086	0–0.13	Sediment	Magnesium	1580	mg/kg	None
West canyon	21-11239	MD21-01-0086	0–0.13	Sediment	Manganese	348	mg/kg	None
West canyon	21-11239	MD21-01-0086	0–0.13	Sediment	Mercury	0.043	mg/kg	J
West canyon	21-11239	MD21-01-0086	0–0.13	Sediment	Nickel	496	mg/kg	None
West canyon	21-11239	MD21-01-0086	0–0.13	Sediment	Potassium	1170	mg/kg	None
West canyon	21-11239	MD21-01-0086	0–0.13	Sediment	Selenium	0.16	mg/kg	UJ
West canyon	21-11239	MD21-01-0086	0–0.13	Sediment	Silver	0.56	mg/kg	U
West canyon	21-11239	MD21-01-0086	0–0.13	Sediment	Sodium	23.1	mg/kg	U
West canyon	21-11239	MD21-01-0086	0–0.13	Sediment	Thallium	0.17	mg/kg	U
West canyon	21-11239	MD21-01-0086	0–0.13	Sediment	Vanadium	16.6	mg/kg	None
West canyon	21-11239	MD21-01-0086	0–0.13	Sediment	Zinc	57.2	mg/kg	None
West canyon	21-11239	MD21-01-0086	0–0.13	Sediment	Acenaphthylene	0.44	mg/kg	U
West canyon	21-11239	MD21-01-0086	0–0.13	Sediment	Aniline	0.44	mg/kg	U
West canyon	21-11239	MD21-01-0086	0–0.13	Sediment	Azobenzene	0.44	mg/kg	U
West canyon	21-11239	MD21-01-0086	0–0.13	Sediment	Benzo(g,h,i)perylene	0.44	mg/kg	U
West canyon	21-11239	MD21-01-0086	0–0.13	Sediment	Benzoic acid	0.14	mg/kg	J
West canyon	21-11239	MD21-01-0086	0–0.13	Sediment	Benzyl alcohol	0.44	mg/kg	U
West canyon	21-11239	MD21-01-0086	0–0.13	Sediment	Bis(2-chloroethoxy)methane	0.44	mg/kg	U
West canyon	21-11239	MD21-01-0086	0–0.13	Sediment	Bis(2-chloroethyl)ether	0.44	mg/kg	U
West canyon	21-11239	MD21-01-0086	0–0.13	Sediment	Bis(2-ethylhexyl)phthalate	0.44	mg/kg	U
West canyon	21-11239	MD21-01-0086	0–0.13	Sediment	Bromophenyl-phenylether[4-]	0.44	mg/kg	U
West canyon	21-11239	MD21-01-0086	0–0.13	Sediment	Butylbenzylphthalate	0.44	mg/kg	U
West canyon	21-11239	MD21-01-0086	0–0.13	Sediment	Chloro-3-methylphenol[4-]	0.44	mg/kg	U
West canyon	21-11239	MD21-01-0086	0–0.13	Sediment	Chloroaniline[4-]	0.44	mg/kg	U
West canyon	21-11239	MD21-01-0086	0–0.13	Sediment	Chloronaphthalene[2-]	0.44	mg/kg	U
West canyon	21-11239	MD21-01-0086	0–0.13	Sediment	Chlorophenol[2-]	0.44	mg/kg	U
West canyon	21-11239	MD21-01-0086	0–0.13	Sediment	Chlorophenyl-phenyl[4-] ether	0.44	mg/kg	U
West canyon	21-11239	MD21-01-0086	0–0.13	Sediment	Di-n-butylphthalate	0.44	mg/kg	U
West canyon	21-11239	MD21-01-0086	0–0.13	Sediment	Di-n-octylphthalate	0.27	mg/kg	J
West canyon	21-11239	MD21-01-0086	0–0.13	Sediment	Dibenzofuran	0.44	mg/kg	U
West canyon	21-11239	MD21-01-0086	0–0.13	Sediment	Dichlorobenzene[1,2-]	0.44	mg/kg	U
West canyon	21-11239	MD21-01-0086	0–0.13	Sediment	Dichlorobenzene[1,3-]	0.44	mg/kg	U
West canyon	21-11239	MD21-01-0086	0–0.13	Sediment	Dichlorobenzene[1,4-]	0.44	mg/kg	U
West canyon	21-11239	MD21-01-0086	0–0.13	Sediment	Dichlorobenzidine[3,3'-]	2.1	mg/kg	U
West canyon	21-11239	MD21-01-0086	0–0.13	Sediment	Dichlorophenol[2,4-]	0.44	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11239	MD21-01-0086	0–0.13	Sediment	Diethylphthalate	0.44	mg/kg	U
West canyon	21-11239	MD21-01-0086	0–0.13	Sediment	Dimethyl phthalate	0.44	mg/kg	U
West canyon	21-11239	MD21-01-0086	0–0.13	Sediment	Dimethylphenol[2,4-]	0.44	mg/kg	U
West canyon	21-11239	MD21-01-0086	0–0.13	Sediment	Dinitro-2-methylphenol[4,6-]	2.1	mg/kg	U
West canyon	21-11239	MD21-01-0086	0–0.13	Sediment	Dinitrophenol[2,4-]	2.1	mg/kg	U
West canyon	21-11239	MD21-01-0086	0–0.13	Sediment	Dinitrotoluene[2,4-]	0.44	mg/kg	U
West canyon	21-11239	MD21-01-0086	0–0.13	Sediment	Dinitrotoluene[2,6-]	0.44	mg/kg	U
West canyon	21-11239	MD21-01-0086	0–0.13	Sediment	Hexachlorobenzene	0.44	mg/kg	U
West canyon	21-11239	MD21-01-0086	0–0.13	Sediment	Hexachlorobutadiene	0.44	mg/kg	U
West canyon	21-11239	MD21-01-0086	0–0.13	Sediment	Hexachlorocyclopentadiene	2.1	mg/kg	U
West canyon	21-11239	MD21-01-0086	0–0.13	Sediment	Hexachloroethane	0.44	mg/kg	U
West canyon	21-11239	MD21-01-0086	0–0.13	Sediment	Indeno(1,2,3-cd)pyrene	0.2	mg/kg	J
West canyon	21-11239	MD21-01-0086	0–0.13	Sediment	Isophorone	0.44	mg/kg	U
West canyon	21-11239	MD21-01-0086	0–0.13	Sediment	Methylphenol[2-]	0.44	mg/kg	U
West canyon	21-11239	MD21-01-0086	0–0.13	Sediment	Methylphenol[4-]	0.44	mg/kg	U
West canyon	21-11239	MD21-01-0086	0–0.13	Sediment	Nitroaniline[2-]	2.1	mg/kg	U
West canyon	21-11239	MD21-01-0086	0–0.13	Sediment	Nitroaniline[3-]	2.1	mg/kg	U
West canyon	21-11239	MD21-01-0086	0–0.13	Sediment	Nitroaniline[4-]	2.1	mg/kg	U
West canyon	21-11239	MD21-01-0086	0–0.13	Sediment	Nitrobenzene	0.44	mg/kg	U
West canyon	21-11239	MD21-01-0086	0–0.13	Sediment	Nitrophenol[2-]	0.44	mg/kg	U
West canyon	21-11239	MD21-01-0086	0–0.13	Sediment	Nitrophenol[4-]	2.1	mg/kg	U
West canyon	21-11239	MD21-01-0086	0–0.13	Sediment	Nitroso-di-n-propylamine[N-]	0.44	mg/kg	U
West canyon	21-11239	MD21-01-0086	0–0.13	Sediment	Nitrosodimethylamine[N-]	0.44	mg/kg	U
West canyon	21-11239	MD21-01-0086	0–0.13	Sediment	Nitrosodiphenylamine[N-]	0.44	mg/kg	U
West canyon	21-11239	MD21-01-0086	0–0.13	Sediment	Oxybis(1-chloropropane)[2,2'-]	0.44	mg/kg	U
West canyon	21-11239	MD21-01-0086	0–0.13	Sediment	Pentachlorophenol	2.1	mg/kg	U
West canyon	21-11239	MD21-01-0086	0–0.13	Sediment	Phenol	0.44	mg/kg	U
West canyon	21-11239	MD21-01-0086	0–0.13	Sediment	Trichlorobenzene[1,2,4-]	0.44	mg/kg	U
West canyon	21-11239	MD21-01-0086	0–0.13	Sediment	Trichlorophenol[2,4,5-]	0.44	mg/kg	U
West canyon	21-11239	MD21-01-0086	0–0.13	Sediment	Trichlorophenol[2,4,6-]	0.44	mg/kg	U
West canyon	21-11239	MD21-01-0086	0–0.13	Sediment	Trimethylbenzene[1,2,4-]	0.043	mg/kg	J+
West canyon	21-11239	MD21-01-0086	0–0.13	Sediment	Trimethylbenzene[1,3,5-]	0.0067	mg/kg	UJ
West canyon	21-11236	MD21-01-0087	0–0.13	Sediment	Aluminum	4860	mg/kg	None
West canyon	21-11236	MD21-01-0087	0–0.13	Sediment	Antimony	0.3	mg/kg	U
West canyon	21-11236	MD21-01-0087	0–0.13	Sediment	Arsenic	2.3	mg/kg	None
West canyon	21-11236	MD21-01-0087	0–0.13	Sediment	Barium	56.5	mg/kg	None
West canyon	21-11236	MD21-01-0087	0–0.13	Sediment	Beryllium	0.62	mg/kg	None
West canyon	21-11236	MD21-01-0087	0–0.13	Sediment	Cadmium	0.031	mg/kg	U
West canyon	21-11236	MD21-01-0087	0–0.13	Sediment	Calcium	1390	mg/kg	None

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11236	MD21-01-0087	0–0.13	Sediment	Chromium, total	3.8	mg/kg	None
West canyon	21-11236	MD21-01-0087	0–0.13	Sediment	Cobalt	2.7	mg/kg	J
West canyon	21-11236	MD21-01-0087	0–0.13	Sediment	Copper	4.1	mg/kg	None
West canyon	21-11236	MD21-01-0087	0–0.13	Sediment	Iron	7910	mg/kg	None
West canyon	21-11236	MD21-01-0087	0–0.13	Sediment	Magnesium	854	mg/kg	None
West canyon	21-11236	MD21-01-0087	0–0.13	Sediment	Manganese	254	mg/kg	None
West canyon	21-11236	MD21-01-0087	0–0.13	Sediment	Mercury	0.02	mg/kg	U
West canyon	21-11236	MD21-01-0087	0–0.13	Sediment	Nickel	3.6	mg/kg	J
West canyon	21-11236	MD21-01-0087	0–0.13	Sediment	Potassium	685	mg/kg	None
West canyon	21-11236	MD21-01-0087	0–0.13	Sediment	Selenium	0.14	mg/kg	UJ
West canyon	21-11236	MD21-01-0087	0–0.13	Sediment	Silver	0.5	mg/kg	U
West canyon	21-11236	MD21-01-0087	0–0.13	Sediment	Sodium	16.8	mg/kg	U
West canyon	21-11236	MD21-01-0087	0–0.13	Sediment	Thallium	0.15	mg/kg	U
West canyon	21-11236	MD21-01-0087	0–0.13	Sediment	Vanadium	10.6	mg/kg	None
West canyon	21-11236	MD21-01-0087	0–0.13	Sediment	Zinc	43.6	mg/kg	None
West canyon	21-11236	MD21-01-0087	0–0.13	Sediment	Acenaphthylene	0.39	mg/kg	U
West canyon	21-11236	MD21-01-0087	0–0.13	Sediment	Aniline	0.39	mg/kg	U
West canyon	21-11236	MD21-01-0087	0–0.13	Sediment	Azobenzene	0.39	mg/kg	U
West canyon	21-11236	MD21-01-0087	0–0.13	Sediment	Benzo(g,h,i)perylene	0.39	mg/kg	U
West canyon	21-11236	MD21-01-0087	0–0.13	Sediment	Benzoic acid	0.15	mg/kg	J
West canyon	21-11236	MD21-01-0087	0–0.13	Sediment	Benzyl alcohol	0.39	mg/kg	U
West canyon	21-11236	MD21-01-0087	0–0.13	Sediment	Bis(2-chloroethoxy)methane	0.39	mg/kg	U
West canyon	21-11236	MD21-01-0087	0–0.13	Sediment	Bis(2-chloroethyl)ether	0.39	mg/kg	U
West canyon	21-11236	MD21-01-0087	0–0.13	Sediment	Bis(2-ethylhexyl)phthalate	0.39	mg/kg	U
West canyon	21-11236	MD21-01-0087	0–0.13	Sediment	Bromophenyl-phenylether[4-]	0.39	mg/kg	U
West canyon	21-11236	MD21-01-0087	0–0.13	Sediment	Butylbenzylphthalate	0.39	mg/kg	U
West canyon	21-11236	MD21-01-0087	0–0.13	Sediment	Chloro-3-methylphenol[4-]	0.39	mg/kg	U
West canyon	21-11236	MD21-01-0087	0–0.13	Sediment	Chloroaniline[4-]	0.39	mg/kg	U
West canyon	21-11236	MD21-01-0087	0–0.13	Sediment	Chloronaphthalene[2-]	0.39	mg/kg	U
West canyon	21-11236	MD21-01-0087	0–0.13	Sediment	Chlorophenol[2-]	0.39	mg/kg	U
West canyon	21-11236	MD21-01-0087	0–0.13	Sediment	Chlorophenyl-phenyl[4-] ether	0.39	mg/kg	U
West canyon	21-11236	MD21-01-0087	0–0.13	Sediment	Di-n-butylphthalate	0.39	mg/kg	U
West canyon	21-11236	MD21-01-0087	0–0.13	Sediment	Di-n-octylphthalate	0.39	mg/kg	U
West canyon	21-11236	MD21-01-0087	0–0.13	Sediment	Dibenzofuran	0.39	mg/kg	U
West canyon	21-11236	MD21-01-0087	0–0.13	Sediment	Dichlorobenzene[1,2-]	0.39	mg/kg	U
West canyon	21-11236	MD21-01-0087	0–0.13	Sediment	Dichlorobenzene[1,3-]	0.39	mg/kg	U
West canyon	21-11236	MD21-01-0087	0–0.13	Sediment	Dichlorobenzene[1,4-]	0.39	mg/kg	U
West canyon	21-11236	MD21-01-0087	0–0.13	Sediment	Dichlorobenzidine[3,3'-]	1.9	mg/kg	U
West canyon	21-11236	MD21-01-0087	0–0.13	Sediment	Dichlorophenol[2,4-]	0.39	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11236	MD21-01-0087	0–0.13	Sediment	Diethylphthalate	0.39	mg/kg	U
West canyon	21-11236	MD21-01-0087	0–0.13	Sediment	Dimethyl phthalate	0.39	mg/kg	U
West canyon	21-11236	MD21-01-0087	0–0.13	Sediment	Dimethylphenol[2,4-]	0.39	mg/kg	U
West canyon	21-11236	MD21-01-0087	0–0.13	Sediment	Dinitro-2-methylphenol[4,6-]	1.9	mg/kg	U
West canyon	21-11236	MD21-01-0087	0–0.13	Sediment	Dinitrophenol[2,4-]	1.9	mg/kg	U
West canyon	21-11236	MD21-01-0087	0–0.13	Sediment	Dinitrotoluene[2,4-]	0.39	mg/kg	U
West canyon	21-11236	MD21-01-0087	0–0.13	Sediment	Dinitrotoluene[2,6-]	0.39	mg/kg	U
West canyon	21-11236	MD21-01-0087	0–0.13	Sediment	Hexachlorobenzene	0.39	mg/kg	U
West canyon	21-11236	MD21-01-0087	0–0.13	Sediment	Hexachlorobutadiene	0.39	mg/kg	U
West canyon	21-11236	MD21-01-0087	0–0.13	Sediment	Hexachlorocyclopentadiene	1.9	mg/kg	U
West canyon	21-11236	MD21-01-0087	0–0.13	Sediment	Hexachloroethane	0.39	mg/kg	U
West canyon	21-11236	MD21-01-0087	0–0.13	Sediment	Indeno(1,2,3-cd)pyrene	0.12	mg/kg	J
West canyon	21-11236	MD21-01-0087	0–0.13	Sediment	Isophorone	0.39	mg/kg	U
West canyon	21-11236	MD21-01-0087	0–0.13	Sediment	Methylphenol[2-]	0.39	mg/kg	U
West canyon	21-11236	MD21-01-0087	0–0.13	Sediment	Methylphenol[4-]	0.39	mg/kg	U
West canyon	21-11236	MD21-01-0087	0–0.13	Sediment	Nitroaniline[2-]	1.9	mg/kg	U
West canyon	21-11236	MD21-01-0087	0–0.13	Sediment	Nitroaniline[3-]	1.9	mg/kg	U
West canyon	21-11236	MD21-01-0087	0–0.13	Sediment	Nitroaniline[4-]	1.9	mg/kg	U
West canyon	21-11236	MD21-01-0087	0–0.13	Sediment	Nitrobenzene	0.39	mg/kg	U
West canyon	21-11236	MD21-01-0087	0–0.13	Sediment	Nitrophenol[2-]	0.39	mg/kg	U
West canyon	21-11236	MD21-01-0087	0–0.13	Sediment	Nitrophenol[4-]	1.9	mg/kg	U
West canyon	21-11236	MD21-01-0087	0–0.13	Sediment	Nitroso-di-n-propylamine[N-]	0.39	mg/kg	U
West canyon	21-11236	MD21-01-0087	0–0.13	Sediment	Nitrosodimethylamine[N-]	0.39	mg/kg	U
West canyon	21-11236	MD21-01-0087	0–0.13	Sediment	Nitrosodiphenylamine[N-]	0.39	mg/kg	U
West canyon	21-11236	MD21-01-0087	0–0.13	Sediment	Oxybis(1-chloropropane)[2,2'-]	0.39	mg/kg	U
West canyon	21-11236	MD21-01-0087	0–0.13	Sediment	Pentachlorophenol	1.9	mg/kg	U
West canyon	21-11236	MD21-01-0087	0–0.13	Sediment	Phenol	0.39	mg/kg	U
West canyon	21-11236	MD21-01-0087	0–0.13	Sediment	Trichlorobenzene[1,2,4-]	0.39	mg/kg	U
West canyon	21-11236	MD21-01-0087	0–0.13	Sediment	Trichlorophenol[2,4,5-]	0.39	mg/kg	U
West canyon	21-11236	MD21-01-0087	0–0.13	Sediment	Trichlorophenol[2,4,6-]	0.39	mg/kg	U
West canyon	21-11236	MD21-01-0087	0–0.13	Sediment	Trimethylbenzene[1,2,4-]	0.0054	mg/kg	UJ
West canyon	21-11236	MD21-01-0087	0–0.13	Sediment	Trimethylbenzene[1,3,5-]	0.0054	mg/kg	UJ
West canyon	21-11229	MD21-01-0093	69–70	Qbt 3	Aluminum	1130	mg/kg	J+
West canyon	21-11229	MD21-01-0093	69–70	Qbt 3	Antimony	0.27	mg/kg	U
West canyon	21-11229	MD21-01-0093	69–70	Qbt 3	Arsenic	1.4	mg/kg	None
West canyon	21-11229	MD21-01-0093	69–70	Qbt 3	Barium	10	mg/kg	J
West canyon	21-11229	MD21-01-0093	69–70	Qbt 3	Beryllium	0.53	mg/kg	J
West canyon	21-11229	MD21-01-0093	69–70	Qbt 3	Cadmium	0.028	mg/kg	U
West canyon	21-11229	MD21-01-0093	69–70	Qbt 3	Calcium	195	mg/kg	J

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11229	MD21-01-0093	69–70	Qbt 3	Chromium, total	0.8	mg/kg	J
West canyon	21-11229	MD21-01-0093	69–70	Qbt 3	Cobalt	0.61	mg/kg	J
West canyon	21-11229	MD21-01-0093	69–70	Qbt 3	Copper	2.1	mg/kg	J
West canyon	21-11229	MD21-01-0093	69–70	Qbt 3	Iron	6050	mg/kg	None
West canyon	21-11229	MD21-01-0093	69–70	Qbt 3	Magnesium	107	mg/kg	J
West canyon	21-11229	MD21-01-0093	69–70	Qbt 3	Manganese	284	mg/kg	None
West canyon	21-11229	MD21-01-0093	69–70	Qbt 3	Mercury	0.022	mg/kg	UJ
West canyon	21-11229	MD21-01-0093	69–70	Qbt 3	Nickel	0.61	mg/kg	J
West canyon	21-11229	MD21-01-0093	69–70	Qbt 3	Potassium	131	mg/kg	U
West canyon	21-11229	MD21-01-0093	69–70	Qbt 3	Selenium	0.13	mg/kg	J
West canyon	21-11229	MD21-01-0093	69–70	Qbt 3	Silver	0.14	mg/kg	UJ
West canyon	21-11229	MD21-01-0093	69–70	Qbt 3	Sodium	44.7	mg/kg	J
West canyon	21-11229	MD21-01-0093	69–70	Qbt 3	Thallium	0.34	mg/kg	U
West canyon	21-11229	MD21-01-0093	69–70	Qbt 3	Vanadium	2.2	mg/kg	J
West canyon	21-11229	MD21-01-0093	69–70	Qbt 3	Zinc	37.7	mg/kg	None
West canyon	21-11229	MD21-01-0093	69–70	Qbt 3	Acenaphthylene	0.35	mg/kg	U
West canyon	21-11229	MD21-01-0093	69–70	Qbt 3	Aniline	0.35	mg/kg	U
West canyon	21-11229	MD21-01-0093	69–70	Qbt 3	Azobenzene	0.35	mg/kg	U
West canyon	21-11229	MD21-01-0093	69–70	Qbt 3	Benzo(g,h,i)perylene	0.35	mg/kg	U
West canyon	21-11229	MD21-01-0093	69–70	Qbt 3	Benzoic acid	1.7	mg/kg	U
West canyon	21-11229	MD21-01-0093	69–70	Qbt 3	Benzyl alcohol	0.35	mg/kg	UJ
West canyon	21-11229	MD21-01-0093	69–70	Qbt 3	Bis(2-chloroethoxy)methane	0.35	mg/kg	U
West canyon	21-11229	MD21-01-0093	69–70	Qbt 3	Bis(2-chloroethyl)ether	0.35	mg/kg	U
West canyon	21-11229	MD21-01-0093	69–70	Qbt 3	Bis(2-ethylhexyl)phthalate	0.35	mg/kg	U
West canyon	21-11229	MD21-01-0093	69–70	Qbt 3	Bromophenyl-phenylether[4-]	0.35	mg/kg	U
West canyon	21-11229	MD21-01-0093	69–70	Qbt 3	Butylbenzylphthalate	0.35	mg/kg	U
West canyon	21-11229	MD21-01-0093	69–70	Qbt 3	Chloro-3-methylphenol[4-]	0.35	mg/kg	U
West canyon	21-11229	MD21-01-0093	69–70	Qbt 3	Chloroaniline[4-]	0.35	mg/kg	U
West canyon	21-11229	MD21-01-0093	69–70	Qbt 3	Chloronaphthalene[2-]	0.35	mg/kg	U
West canyon	21-11229	MD21-01-0093	69–70	Qbt 3	Chlorophenol[2-]	0.35	mg/kg	U
West canyon	21-11229	MD21-01-0093	69–70	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.35	mg/kg	U
West canyon	21-11229	MD21-01-0093	69–70	Qbt 3	Di-n-butylphthalate	0.35	mg/kg	U
West canyon	21-11229	MD21-01-0093	69–70	Qbt 3	Di-n-octylphthalate	0.35	mg/kg	U
West canyon	21-11229	MD21-01-0093	69–70	Qbt 3	Dibenzofuran	0.35	mg/kg	U
West canyon	21-11229	MD21-01-0093	69–70	Qbt 3	Dichlorobenzene[1,2-]	0.35	mg/kg	U
West canyon	21-11229	MD21-01-0093	69–70	Qbt 3	Dichlorobenzene[1,3-]	0.35	mg/kg	U
West canyon	21-11229	MD21-01-0093	69–70	Qbt 3	Dichlorobenzene[1,4-]	0.35	mg/kg	U
West canyon	21-11229	MD21-01-0093	69–70	Qbt 3	Dichlorobenzidine[3,3'-]	1.7	mg/kg	U
West canyon	21-11229	MD21-01-0093	69–70	Qbt 3	Dichlorophenol[2,4-]	0.35	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11229	MD21-01-0093	69–70	Qbt 3	Diethylphthalate	0.35	mg/kg	U
West canyon	21-11229	MD21-01-0093	69–70	Qbt 3	Dimethyl phthalate	0.35	mg/kg	U
West canyon	21-11229	MD21-01-0093	69–70	Qbt 3	Dimethylphenol[2,4-]	0.35	mg/kg	U
West canyon	21-11229	MD21-01-0093	69–70	Qbt 3	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
West canyon	21-11229	MD21-01-0093	69–70	Qbt 3	Dinitrophenol[2,4-]	1.7	mg/kg	U
West canyon	21-11229	MD21-01-0093	69–70	Qbt 3	Dinitrotoluene[2,4-]	0.35	mg/kg	U
West canyon	21-11229	MD21-01-0093	69–70	Qbt 3	Dinitrotoluene[2,6-]	0.35	mg/kg	U
West canyon	21-11229	MD21-01-0093	69–70	Qbt 3	Hexachlorobenzene	0.35	mg/kg	U
West canyon	21-11229	MD21-01-0093	69–70	Qbt 3	Hexachlorobutadiene	0.35	mg/kg	U
West canyon	21-11229	MD21-01-0093	69–70	Qbt 3	Hexachlorocyclopentadiene	1.7	mg/kg	U
West canyon	21-11229	MD21-01-0093	69–70	Qbt 3	Hexachloroethane	0.35	mg/kg	U
West canyon	21-11229	MD21-01-0093	69–70	Qbt 3	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	U
West canyon	21-11229	MD21-01-0093	69–70	Qbt 3	Isophorone	0.35	mg/kg	U
West canyon	21-11229	MD21-01-0093	69–70	Qbt 3	Methylphenol[2-]	0.35	mg/kg	U
West canyon	21-11229	MD21-01-0093	69–70	Qbt 3	Methylphenol[4-]	0.35	mg/kg	U
West canyon	21-11229	MD21-01-0093	69–70	Qbt 3	Nitroaniline[2-]	1.7	mg/kg	U
West canyon	21-11229	MD21-01-0093	69–70	Qbt 3	Nitroaniline[3-]	1.7	mg/kg	U
West canyon	21-11229	MD21-01-0093	69–70	Qbt 3	Nitroaniline[4-]	1.7	mg/kg	U
West canyon	21-11229	MD21-01-0093	69–70	Qbt 3	Nitrobenzene	0.35	mg/kg	U
West canyon	21-11229	MD21-01-0093	69–70	Qbt 3	Nitrophenol[2-]	0.35	mg/kg	U
West canyon	21-11229	MD21-01-0093	69–70	Qbt 3	Nitrophenol[4-]	1.7	mg/kg	U
West canyon	21-11229	MD21-01-0093	69–70	Qbt 3	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	U
West canyon	21-11229	MD21-01-0093	69–70	Qbt 3	Nitrosodimethylamine[N-]	0.35	mg/kg	U
West canyon	21-11229	MD21-01-0093	69–70	Qbt 3	Nitrosodiphenylamine[N-]	0.35	mg/kg	U
West canyon	21-11229	MD21-01-0093	69–70	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	U
West canyon	21-11229	MD21-01-0093	69–70	Qbt 3	Pentachlorophenol	1.7	mg/kg	U
West canyon	21-11229	MD21-01-0093	69–70	Qbt 3	Phenol	0.35	mg/kg	U
West canyon	21-11229	MD21-01-0093	69–70	Qbt 3	Trichlorobenzene[1,2,4-]	0.35	mg/kg	U
West canyon	21-11229	MD21-01-0093	69–70	Qbt 3	Trichlorophenol[2,4,5-]	0.35	mg/kg	U
West canyon	21-11229	MD21-01-0093	69–70	Qbt 3	Trichlorophenol[2,4,6-]	0.35	mg/kg	U
West canyon	21-11229	MD21-01-0093	69–70	Qbt 3	Trimethylbenzene[1,2,4-]	0.0055	mg/kg	U
West canyon	21-11229	MD21-01-0093	69–70	Qbt 3	Trimethylbenzene[1,3,5-]	0.0055	mg/kg	U
West canyon	21-11229	MD21-01-0094	80.6–81.2	Qbt 3	Aluminum	2140	mg/kg	J+
West canyon	21-11229	MD21-01-0094	80.6–81.2	Qbt 3	Antimony	0.27	mg/kg	U
West canyon	21-11229	MD21-01-0094	80.6–81.2	Qbt 3	Arsenic	1.7	mg/kg	None
West canyon	21-11229	MD21-01-0094	80.6–81.2	Qbt 3	Barium	16.4	mg/kg	J
West canyon	21-11229	MD21-01-0094	80.6–81.2	Qbt 3	Beryllium	0.95	mg/kg	None
West canyon	21-11229	MD21-01-0094	80.6–81.2	Qbt 3	Cadmium	0.028	mg/kg	U
West canyon	21-11229	MD21-01-0094	80.6–81.2	Qbt 3	Calcium	343	mg/kg	J

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11229	MD21-01-0094	80.6–81.2	Qbt 3	Chromium, total	0.86	mg/kg	J
West canyon	21-11229	MD21-01-0094	80.6–81.2	Qbt 3	Cobalt	0.81	mg/kg	J
West canyon	21-11229	MD21-01-0094	80.6–81.2	Qbt 3	Copper	2.8	mg/kg	None
West canyon	21-11229	MD21-01-0094	80.6–81.2	Qbt 3	Iron	7780	mg/kg	None
West canyon	21-11229	MD21-01-0094	80.6–81.2	Qbt 3	Magnesium	224	mg/kg	J
West canyon	21-11229	MD21-01-0094	80.6–81.2	Qbt 3	Manganese	385	mg/kg	None
West canyon	21-11229	MD21-01-0094	80.6–81.2	Qbt 3	Mercury	0.027	mg/kg	UJ
West canyon	21-11229	MD21-01-0094	80.6–81.2	Qbt 3	Nickel	0.67	mg/kg	J
West canyon	21-11229	MD21-01-0094	80.6–81.2	Qbt 3	Potassium	132	mg/kg	U
West canyon	21-11229	MD21-01-0094	80.6–81.2	Qbt 3	Selenium	0.18	mg/kg	J
West canyon	21-11229	MD21-01-0094	80.6–81.2	Qbt 3	Silver	0.14	mg/kg	UJ
West canyon	21-11229	MD21-01-0094	80.6–81.2	Qbt 3	Sodium	39.6	mg/kg	J
West canyon	21-11229	MD21-01-0094	80.6–81.2	Qbt 3	Thallium	0.39	mg/kg	U
West canyon	21-11229	MD21-01-0094	80.6–81.2	Qbt 3	Vanadium	3.2	mg/kg	J
West canyon	21-11229	MD21-01-0094	80.6–81.2	Qbt 3	Zinc	48.9	mg/kg	None
West canyon	21-11229	MD21-01-0094	80.6–81.2	Qbt 3	Acenaphthylene	0.36	mg/kg	U
West canyon	21-11229	MD21-01-0094	80.6–81.2	Qbt 3	Aniline	0.36	mg/kg	U
West canyon	21-11229	MD21-01-0094	80.6–81.2	Qbt 3	Azobenzene	0.36	mg/kg	U
West canyon	21-11229	MD21-01-0094	80.6–81.2	Qbt 3	Benzo(g,h,i)perylene	0.36	mg/kg	U
West canyon	21-11229	MD21-01-0094	80.6–81.2	Qbt 3	Benzoic acid	1.7	mg/kg	U
West canyon	21-11229	MD21-01-0094	80.6–81.2	Qbt 3	Benzyl alcohol	0.36	mg/kg	U
West canyon	21-11229	MD21-01-0094	80.6–81.2	Qbt 3	Bis(2-chloroethoxy)methane	0.36	mg/kg	U
West canyon	21-11229	MD21-01-0094	80.6–81.2	Qbt 3	Bis(2-chloroethyl)ether	0.36	mg/kg	U
West canyon	21-11229	MD21-01-0094	80.6–81.2	Qbt 3	Bis(2-ethylhexyl)phthalate	0.36	mg/kg	U
West canyon	21-11229	MD21-01-0094	80.6–81.2	Qbt 3	Bromophenyl-phenylether[4-]	0.36	mg/kg	U
West canyon	21-11229	MD21-01-0094	80.6–81.2	Qbt 3	Butylbenzylphthalate	0.36	mg/kg	U
West canyon	21-11229	MD21-01-0094	80.6–81.2	Qbt 3	Chloro-3-methylphenol[4-]	0.36	mg/kg	U
West canyon	21-11229	MD21-01-0094	80.6–81.2	Qbt 3	Chloroaniline[4-]	0.36	mg/kg	U
West canyon	21-11229	MD21-01-0094	80.6–81.2	Qbt 3	Chloronaphthalene[2-]	0.36	mg/kg	U
West canyon	21-11229	MD21-01-0094	80.6–81.2	Qbt 3	Chlorophenol[2-]	0.36	mg/kg	U
West canyon	21-11229	MD21-01-0094	80.6–81.2	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.36	mg/kg	U
West canyon	21-11229	MD21-01-0094	80.6–81.2	Qbt 3	Di-n-butylphthalate	0.36	mg/kg	U
West canyon	21-11229	MD21-01-0094	80.6–81.2	Qbt 3	Di-n-octylphthalate	0.36	mg/kg	U
West canyon	21-11229	MD21-01-0094	80.6–81.2	Qbt 3	Dibenzofuran	0.36	mg/kg	U
West canyon	21-11229	MD21-01-0094	80.6–81.2	Qbt 3	Dichlorobenzene[1,2-]	0.36	mg/kg	U
West canyon	21-11229	MD21-01-0094	80.6–81.2	Qbt 3	Dichlorobenzene[1,3-]	0.36	mg/kg	U
West canyon	21-11229	MD21-01-0094	80.6–81.2	Qbt 3	Dichlorobenzene[1,4-]	0.36	mg/kg	U
West canyon	21-11229	MD21-01-0094	80.6–81.2	Qbt 3	Dichlorobenzidine[3,3'-]	1.7	mg/kg	U
West canyon	21-11229	MD21-01-0094	80.6–81.2	Qbt 3	Dichlorophenol[2,4-]	0.36	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11229	MD21-01-0094	80.6–81.2	Qbt 3	Diethylphthalate	0.36	mg/kg	U
West canyon	21-11229	MD21-01-0094	80.6–81.2	Qbt 3	Dimethyl phthalate	0.36	mg/kg	U
West canyon	21-11229	MD21-01-0094	80.6–81.2	Qbt 3	Dimethylphenol[2,4-]	0.36	mg/kg	U
West canyon	21-11229	MD21-01-0094	80.6–81.2	Qbt 3	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
West canyon	21-11229	MD21-01-0094	80.6–81.2	Qbt 3	Dinitrophenol[2,4-]	1.7	mg/kg	U
West canyon	21-11229	MD21-01-0094	80.6–81.2	Qbt 3	Dinitrotoluene[2,4-]	0.36	mg/kg	U
West canyon	21-11229	MD21-01-0094	80.6–81.2	Qbt 3	Dinitrotoluene[2,6-]	0.36	mg/kg	U
West canyon	21-11229	MD21-01-0094	80.6–81.2	Qbt 3	Hexachlorobenzene	0.36	mg/kg	U
West canyon	21-11229	MD21-01-0094	80.6–81.2	Qbt 3	Hexachlorobutadiene	0.36	mg/kg	U
West canyon	21-11229	MD21-01-0094	80.6–81.2	Qbt 3	Hexachlorocyclopentadiene	1.7	mg/kg	U
West canyon	21-11229	MD21-01-0094	80.6–81.2	Qbt 3	Hexachloroethane	0.36	mg/kg	U
West canyon	21-11229	MD21-01-0094	80.6–81.2	Qbt 3	Indeno(1,2,3-cd)pyrene	0.36	mg/kg	U
West canyon	21-11229	MD21-01-0094	80.6–81.2	Qbt 3	Isophorone	0.36	mg/kg	U
West canyon	21-11229	MD21-01-0094	80.6–81.2	Qbt 3	Methylphenol[2-]	0.36	mg/kg	U
West canyon	21-11229	MD21-01-0094	80.6–81.2	Qbt 3	Methylphenol[4-]	0.36	mg/kg	U
West canyon	21-11229	MD21-01-0094	80.6–81.2	Qbt 3	Nitroaniline[2-]	1.7	mg/kg	U
West canyon	21-11229	MD21-01-0094	80.6–81.2	Qbt 3	Nitroaniline[3-]	1.7	mg/kg	U
West canyon	21-11229	MD21-01-0094	80.6–81.2	Qbt 3	Nitroaniline[4-]	1.7	mg/kg	U
West canyon	21-11229	MD21-01-0094	80.6–81.2	Qbt 3	Nitrobenzene	0.36	mg/kg	U
West canyon	21-11229	MD21-01-0094	80.6–81.2	Qbt 3	Nitrophenol[2-]	0.36	mg/kg	U
West canyon	21-11229	MD21-01-0094	80.6–81.2	Qbt 3	Nitrophenol[4-]	1.7	mg/kg	U
West canyon	21-11229	MD21-01-0094	80.6–81.2	Qbt 3	Nitroso-di-n-propylamine[N-]	0.36	mg/kg	U
West canyon	21-11229	MD21-01-0094	80.6–81.2	Qbt 3	Nitrosodimethylamine[N-]	0.36	mg/kg	U
West canyon	21-11229	MD21-01-0094	80.6–81.2	Qbt 3	Nitrosodiphenylamine[N-]	0.36	mg/kg	U
West canyon	21-11229	MD21-01-0094	80.6–81.2	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.36	mg/kg	U
West canyon	21-11229	MD21-01-0094	80.6–81.2	Qbt 3	Pentachlorophenol	1.7	mg/kg	U
West canyon	21-11229	MD21-01-0094	80.6–81.2	Qbt 3	Phenol	0.36	mg/kg	U
West canyon	21-11229	MD21-01-0094	80.6–81.2	Qbt 3	Trichlorobenzene[1,2,4-]	0.36	mg/kg	U
West canyon	21-11229	MD21-01-0094	80.6–81.2	Qbt 3	Trichlorophenol[2,4,5-]	0.36	mg/kg	U
West canyon	21-11229	MD21-01-0094	80.6–81.2	Qbt 3	Trichlorophenol[2,4,6-]	0.36	mg/kg	U
West canyon	21-11229	MD21-01-0094	80.6–81.2	Qbt 3	Trimethylbenzene[1,2,4-]	0.0059	mg/kg	U
West canyon	21-11229	MD21-01-0094	80.6–81.2	Qbt 3	Trimethylbenzene[1,3,5-]	0.0059	mg/kg	U
West canyon	21-11229	MD21-01-0095	91.5–92.5	Qbt 2	Aluminum	747	mg/kg	J+
West canyon	21-11229	MD21-01-0095	91.5–92.5	Qbt 2	Antimony	0.26	mg/kg	U
West canyon	21-11229	MD21-01-0095	91.5–92.5	Qbt 2	Arsenic	1.4	mg/kg	None
West canyon	21-11229	MD21-01-0095	91.5–92.5	Qbt 2	Barium	12.8	mg/kg	J
West canyon	21-11229	MD21-01-0095	91.5–92.5	Qbt 2	Beryllium	0.76	mg/kg	None
West canyon	21-11229	MD21-01-0095	91.5–92.5	Qbt 2	Cadmium	0.28	mg/kg	U
West canyon	21-11229	MD21-01-0095	91.5–92.5	Qbt 2	Calcium	193	mg/kg	J

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11229	MD21-01-0095	91.5–92.5	Qbt 2	Chromium, total	0.51	mg/kg	J
West canyon	21-11229	MD21-01-0095	91.5–92.5	Qbt 2	Cobalt	0.67	mg/kg	J
West canyon	21-11229	MD21-01-0095	91.5–92.5	Qbt 2	Copper	2.1	mg/kg	J
West canyon	21-11229	MD21-01-0095	91.5–92.5	Qbt 2	Iron	6610	mg/kg	None
West canyon	21-11229	MD21-01-0095	91.5–92.5	Qbt 2	Magnesium	130	mg/kg	J
West canyon	21-11229	MD21-01-0095	91.5–92.5	Qbt 2	Manganese	353	mg/kg	None
West canyon	21-11229	MD21-01-0095	91.5–92.5	Qbt 2	Mercury	0.45	mg/kg	J-
West canyon	21-11229	MD21-01-0095	91.5–92.5	Qbt 2	Nickel	0.45	mg/kg	J
West canyon	21-11229	MD21-01-0095	91.5–92.5	Qbt 2	Potassium	138	mg/kg	J
West canyon	21-11229	MD21-01-0095	91.5–92.5	Qbt 2	Selenium	0.18	mg/kg	J
West canyon	21-11229	MD21-01-0095	91.5–92.5	Qbt 2	Silver	0.14	mg/kg	U
West canyon	21-11229	MD21-01-0095	91.5–92.5	Qbt 2	Sodium	58	mg/kg	J
West canyon	21-11229	MD21-01-0095	91.5–92.5	Qbt 2	Thallium	0.26	mg/kg	U
West canyon	21-11229	MD21-01-0095	91.5–92.5	Qbt 2	Vanadium	2.5	mg/kg	J
West canyon	21-11229	MD21-01-0095	91.5–92.5	Qbt 2	Zinc	43.9	mg/kg	None
West canyon	21-11229	MD21-01-0095	91.5–92.5	Qbt 2	Acenaphthylene	0.35	mg/kg	U
West canyon	21-11229	MD21-01-0095	91.5–92.5	Qbt 2	Aniline	0.35	mg/kg	U
West canyon	21-11229	MD21-01-0095	91.5–92.5	Qbt 2	Azobenzene	0.35	mg/kg	U
West canyon	21-11229	MD21-01-0095	91.5–92.5	Qbt 2	Benzo(g,h,i)perylene	0.35	mg/kg	U
West canyon	21-11229	MD21-01-0095	91.5–92.5	Qbt 2	Benzoic acid	1.7	mg/kg	U
West canyon	21-11229	MD21-01-0095	91.5–92.5	Qbt 2	Benzyl alcohol	0.35	mg/kg	U
West canyon	21-11229	MD21-01-0095	91.5–92.5	Qbt 2	Bis(2-chloroethoxy)methane	0.35	mg/kg	U
West canyon	21-11229	MD21-01-0095	91.5–92.5	Qbt 2	Bis(2-chloroethyl)ether	0.35	mg/kg	U
West canyon	21-11229	MD21-01-0095	91.5–92.5	Qbt 2	Bis(2-ethylhexyl)phthalate	0.35	mg/kg	U
West canyon	21-11229	MD21-01-0095	91.5–92.5	Qbt 2	Bromophenyl-phenylether[4-]	0.35	mg/kg	U
West canyon	21-11229	MD21-01-0095	91.5–92.5	Qbt 2	Butylbenzylphthalate	0.35	mg/kg	U
West canyon	21-11229	MD21-01-0095	91.5–92.5	Qbt 2	Chloro-3-methylphenol[4-]	0.35	mg/kg	U
West canyon	21-11229	MD21-01-0095	91.5–92.5	Qbt 2	Chloroaniline[4-]	0.35	mg/kg	U
West canyon	21-11229	MD21-01-0095	91.5–92.5	Qbt 2	Chloronaphthalene[2-]	0.35	mg/kg	U
West canyon	21-11229	MD21-01-0095	91.5–92.5	Qbt 2	Chlorophenol[2-]	0.35	mg/kg	U
West canyon	21-11229	MD21-01-0095	91.5–92.5	Qbt 2	Chlorophenyl-phenyl[4-] ether	0.35	mg/kg	U
West canyon	21-11229	MD21-01-0095	91.5–92.5	Qbt 2	Di-n-butylphthalate	0.35	mg/kg	U
West canyon	21-11229	MD21-01-0095	91.5–92.5	Qbt 2	Di-n-octylphthalate	0.35	mg/kg	U
West canyon	21-11229	MD21-01-0095	91.5–92.5	Qbt 2	Dibenzofuran	0.35	mg/kg	U
West canyon	21-11229	MD21-01-0095	91.5–92.5	Qbt 2	Dichlorobenzene[1,2-]	0.35	mg/kg	U
West canyon	21-11229	MD21-01-0095	91.5–92.5	Qbt 2	Dichlorobenzene[1,3-]	0.35	mg/kg	U
West canyon	21-11229	MD21-01-0095	91.5–92.5	Qbt 2	Dichlorobenzene[1,4-]	0.35	mg/kg	U
West canyon	21-11229	MD21-01-0095	91.5–92.5	Qbt 2	Dichlorobenzidine[3,3'-]	1.7	mg/kg	U
West canyon	21-11229	MD21-01-0095	91.5–92.5	Qbt 2	Dichlorophenol[2,4-]	0.35	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11229	MD21-01-0095	91.5–92.5	Qbt 2	Diethylphthalate	0.35	mg/kg	U
West canyon	21-11229	MD21-01-0095	91.5–92.5	Qbt 2	Dimethyl phthalate	0.35	mg/kg	U
West canyon	21-11229	MD21-01-0095	91.5–92.5	Qbt 2	Dimethylphenol[2,4-]	0.35	mg/kg	U
West canyon	21-11229	MD21-01-0095	91.5–92.5	Qbt 2	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
West canyon	21-11229	MD21-01-0095	91.5–92.5	Qbt 2	Dinitrophenol[2,4-]	1.7	mg/kg	U
West canyon	21-11229	MD21-01-0095	91.5–92.5	Qbt 2	Dinitrotoluene[2,4-]	0.35	mg/kg	U
West canyon	21-11229	MD21-01-0095	91.5–92.5	Qbt 2	Dinitrotoluene[2,6-]	0.35	mg/kg	U
West canyon	21-11229	MD21-01-0095	91.5–92.5	Qbt 2	Hexachlorobenzene	0.35	mg/kg	U
West canyon	21-11229	MD21-01-0095	91.5–92.5	Qbt 2	Hexachlorobutadiene	0.35	mg/kg	U
West canyon	21-11229	MD21-01-0095	91.5–92.5	Qbt 2	Hexachlorocyclopentadiene	1.7	mg/kg	U
West canyon	21-11229	MD21-01-0095	91.5–92.5	Qbt 2	Hexachloroethane	0.35	mg/kg	U
West canyon	21-11229	MD21-01-0095	91.5–92.5	Qbt 2	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	U
West canyon	21-11229	MD21-01-0095	91.5–92.5	Qbt 2	Isophorone	0.35	mg/kg	U
West canyon	21-11229	MD21-01-0095	91.5–92.5	Qbt 2	Methylphenol[2-]	0.35	mg/kg	U
West canyon	21-11229	MD21-01-0095	91.5–92.5	Qbt 2	Methylphenol[4-]	0.35	mg/kg	U
West canyon	21-11229	MD21-01-0095	91.5–92.5	Qbt 2	Nitroaniline[2-]	1.7	mg/kg	U
West canyon	21-11229	MD21-01-0095	91.5–92.5	Qbt 2	Nitroaniline[3-]	1.7	mg/kg	U
West canyon	21-11229	MD21-01-0095	91.5–92.5	Qbt 2	Nitroaniline[4-]	1.7	mg/kg	U
West canyon	21-11229	MD21-01-0095	91.5–92.5	Qbt 2	Nitrobenzene	0.35	mg/kg	U
West canyon	21-11229	MD21-01-0095	91.5–92.5	Qbt 2	Nitrophenol[2-]	0.35	mg/kg	U
West canyon	21-11229	MD21-01-0095	91.5–92.5	Qbt 2	Nitrophenol[4-]	1.7	mg/kg	U
West canyon	21-11229	MD21-01-0095	91.5–92.5	Qbt 2	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	U
West canyon	21-11229	MD21-01-0095	91.5–92.5	Qbt 2	Nitrosodimethylamine[N-]	0.35	mg/kg	U
West canyon	21-11229	MD21-01-0095	91.5–92.5	Qbt 2	Nitrosodiphenylamine[N-]	0.35	mg/kg	U
West canyon	21-11229	MD21-01-0095	91.5–92.5	Qbt 2	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	U
West canyon	21-11229	MD21-01-0095	91.5–92.5	Qbt 2	Pentachlorophenol	1.7	mg/kg	U
West canyon	21-11229	MD21-01-0095	91.5–92.5	Qbt 2	Phenol	0.35	mg/kg	U
West canyon	21-11229	MD21-01-0095	91.5–92.5	Qbt 2	Trichlorobenzene[1,2,4-]	0.35	mg/kg	U
West canyon	21-11229	MD21-01-0095	91.5–92.5	Qbt 2	Trichlorophenol[2,4,5-]	0.35	mg/kg	U
West canyon	21-11229	MD21-01-0095	91.5–92.5	Qbt 2	Trichlorophenol[2,4,6-]	0.35	mg/kg	U
West canyon	21-11229	MD21-01-0095	91.5–92.5	Qbt 2	Trimethylbenzene[1,2,4-]	0.0062	mg/kg	U
West canyon	21-11229	MD21-01-0095	91.5–92.5	Qbt 2	Trimethylbenzene[1,3,5-]	0.0062	mg/kg	U
West canyon	21-11230	MD21-01-0096	39–39.5	Qbt 3	Aluminum	1220	mg/kg	J+
West canyon	21-11230	MD21-01-0096	39–39.5	Qbt 3	Antimony	0.28	mg/kg	U
West canyon	21-11230	MD21-01-0096	39–39.5	Qbt 3	Arsenic	1.7	mg/kg	None
West canyon	21-11230	MD21-01-0096	39–39.5	Qbt 3	Barium	9.2	mg/kg	J
West canyon	21-11230	MD21-01-0096	39–39.5	Qbt 3	Beryllium	0.67	mg/kg	None
West canyon	21-11230	MD21-01-0096	39–39.5	Qbt 3	Cadmium	0.029	mg/kg	U
West canyon	21-11230	MD21-01-0096	39–39.5	Qbt 3	Calcium	117	mg/kg	J

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11230	MD21-01-0096	39–39.5	Qbt 3	Chromium, total	0.084	mg/kg	U
West canyon	21-11230	MD21-01-0096	39–39.5	Qbt 3	Cobalt	0.62	mg/kg	J
West canyon	21-11230	MD21-01-0096	39–39.5	Qbt 3	Copper	2.1	mg/kg	J
West canyon	21-11230	MD21-01-0096	39–39.5	Qbt 3	Iron	6500	mg/kg	None
West canyon	21-11230	MD21-01-0096	39–39.5	Qbt 3	Magnesium	103	mg/kg	J
West canyon	21-11230	MD21-01-0096	39–39.5	Qbt 3	Manganese	267	mg/kg	None
West canyon	21-11230	MD21-01-0096	39–39.5	Qbt 3	Mercury	0.019	mg/kg	U
West canyon	21-11230	MD21-01-0096	39–39.5	Qbt 3	Nickel	0.24	mg/kg	J
West canyon	21-11230	MD21-01-0096	39–39.5	Qbt 3	Potassium	135	mg/kg	U
West canyon	21-11230	MD21-01-0096	39–39.5	Qbt 3	Selenium	0.2	mg/kg	J
West canyon	21-11230	MD21-01-0096	39–39.5	Qbt 3	Silver	0.14	mg/kg	UJ
West canyon	21-11230	MD21-01-0096	39–39.5	Qbt 3	Sodium	108	mg/kg	J
West canyon	21-11230	MD21-01-0096	39–39.5	Qbt 3	Thallium	0.29	mg/kg	U
West canyon	21-11230	MD21-01-0096	39–39.5	Qbt 3	Vanadium	2.6	mg/kg	J
West canyon	21-11230	MD21-01-0096	39–39.5	Qbt 3	Zinc	33.6	mg/kg	None
West canyon	21-11230	MD21-01-0096	39–39.5	Qbt 3	Acenaphthylene	0.37	mg/kg	U
West canyon	21-11230	MD21-01-0096	39–39.5	Qbt 3	Aniline	0.37	mg/kg	U
West canyon	21-11230	MD21-01-0096	39–39.5	Qbt 3	Azobenzene	0.37	mg/kg	U
West canyon	21-11230	MD21-01-0096	39–39.5	Qbt 3	Benzo(g,h,i)perylene	0.37	mg/kg	U
West canyon	21-11230	MD21-01-0096	39–39.5	Qbt 3	Benzoic acid	1.8	mg/kg	U
West canyon	21-11230	MD21-01-0096	39–39.5	Qbt 3	Benzyl alcohol	0.37	mg/kg	UJ
West canyon	21-11230	MD21-01-0096	39–39.5	Qbt 3	Bis(2-chloroethoxy)methane	0.37	mg/kg	U
West canyon	21-11230	MD21-01-0096	39–39.5	Qbt 3	Bis(2-chloroethyl)ether	0.37	mg/kg	U
West canyon	21-11230	MD21-01-0096	39–39.5	Qbt 3	Bis(2-ethylhexyl)phthalate	0.37	mg/kg	U
West canyon	21-11230	MD21-01-0096	39–39.5	Qbt 3	Bromophenyl-phenylether[4-]	0.37	mg/kg	U
West canyon	21-11230	MD21-01-0096	39–39.5	Qbt 3	Butylbenzylphthalate	0.37	mg/kg	U
West canyon	21-11230	MD21-01-0096	39–39.5	Qbt 3	Chloro-3-methylphenol[4-]	0.37	mg/kg	U
West canyon	21-11230	MD21-01-0096	39–39.5	Qbt 3	Chloroaniline[4-]	0.37	mg/kg	U
West canyon	21-11230	MD21-01-0096	39–39.5	Qbt 3	Chloronaphthalene[2-]	0.37	mg/kg	U
West canyon	21-11230	MD21-01-0096	39–39.5	Qbt 3	Chlorophenol[2-]	0.37	mg/kg	U
West canyon	21-11230	MD21-01-0096	39–39.5	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.37	mg/kg	U
West canyon	21-11230	MD21-01-0096	39–39.5	Qbt 3	Di-n-butylphthalate	0.37	mg/kg	U
West canyon	21-11230	MD21-01-0096	39–39.5	Qbt 3	Di-n-octylphthalate	0.37	mg/kg	U
West canyon	21-11230	MD21-01-0096	39–39.5	Qbt 3	Dibenzofuran	0.37	mg/kg	U
West canyon	21-11230	MD21-01-0096	39–39.5	Qbt 3	Dichlorobenzene[1,2-]	0.37	mg/kg	U
West canyon	21-11230	MD21-01-0096	39–39.5	Qbt 3	Dichlorobenzene[1,3-]	0.37	mg/kg	U
West canyon	21-11230	MD21-01-0096	39–39.5	Qbt 3	Dichlorobenzene[1,4-]	0.37	mg/kg	U
West canyon	21-11230	MD21-01-0096	39–39.5	Qbt 3	Dichlorobenzidine[3,3'-]	1.8	mg/kg	U
West canyon	21-11230	MD21-01-0096	39–39.5	Qbt 3	Dichlorophenol[2,4-]	0.37	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11230	MD21-01-0096	39–39.5	Qbt 3	Diethylphthalate	0.37	mg/kg	U
West canyon	21-11230	MD21-01-0096	39–39.5	Qbt 3	Dimethyl phthalate	0.37	mg/kg	U
West canyon	21-11230	MD21-01-0096	39–39.5	Qbt 3	Dimethylphenol[2,4-]	0.37	mg/kg	U
West canyon	21-11230	MD21-01-0096	39–39.5	Qbt 3	Dinitro-2-methylphenol[4,6-]	1.8	mg/kg	U
West canyon	21-11230	MD21-01-0096	39–39.5	Qbt 3	Dinitrophenol[2,4-]	1.8	mg/kg	U
West canyon	21-11230	MD21-01-0096	39–39.5	Qbt 3	Dinitrotoluene[2,4-]	0.37	mg/kg	U
West canyon	21-11230	MD21-01-0096	39–39.5	Qbt 3	Dinitrotoluene[2,6-]	0.37	mg/kg	U
West canyon	21-11230	MD21-01-0096	39–39.5	Qbt 3	Hexachlorobenzene	0.37	mg/kg	U
West canyon	21-11230	MD21-01-0096	39–39.5	Qbt 3	Hexachlorobutadiene	0.37	mg/kg	U
West canyon	21-11230	MD21-01-0096	39–39.5	Qbt 3	Hexachlorocyclopentadiene	1.8	mg/kg	U
West canyon	21-11230	MD21-01-0096	39–39.5	Qbt 3	Hexachloroethane	0.37	mg/kg	U
West canyon	21-11230	MD21-01-0096	39–39.5	Qbt 3	Indeno(1,2,3-cd)pyrene	0.37	mg/kg	U
West canyon	21-11230	MD21-01-0096	39–39.5	Qbt 3	Isophorone	0.37	mg/kg	U
West canyon	21-11230	MD21-01-0096	39–39.5	Qbt 3	Methylphenol[2-]	0.37	mg/kg	U
West canyon	21-11230	MD21-01-0096	39–39.5	Qbt 3	Methylphenol[4-]	0.37	mg/kg	U
West canyon	21-11230	MD21-01-0096	39–39.5	Qbt 3	Nitroaniline[2-]	1.8	mg/kg	U
West canyon	21-11230	MD21-01-0096	39–39.5	Qbt 3	Nitroaniline[3-]	1.8	mg/kg	U
West canyon	21-11230	MD21-01-0096	39–39.5	Qbt 3	Nitroaniline[4-]	1.8	mg/kg	U
West canyon	21-11230	MD21-01-0096	39–39.5	Qbt 3	Nitrobenzene	0.37	mg/kg	U
West canyon	21-11230	MD21-01-0096	39–39.5	Qbt 3	Nitrophenol[2-]	0.37	mg/kg	U
West canyon	21-11230	MD21-01-0096	39–39.5	Qbt 3	Nitrophenol[4-]	1.8	mg/kg	U
West canyon	21-11230	MD21-01-0096	39–39.5	Qbt 3	Nitroso-di-n-propylamine[N-]	0.37	mg/kg	U
West canyon	21-11230	MD21-01-0096	39–39.5	Qbt 3	Nitrosodimethylamine[N-]	0.37	mg/kg	U
West canyon	21-11230	MD21-01-0096	39–39.5	Qbt 3	Nitrosodiphenylamine[N-]	0.37	mg/kg	U
West canyon	21-11230	MD21-01-0096	39–39.5	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.37	mg/kg	U
West canyon	21-11230	MD21-01-0096	39–39.5	Qbt 3	Pentachlorophenol	1.8	mg/kg	U
West canyon	21-11230	MD21-01-0096	39–39.5	Qbt 3	Phenol	0.37	mg/kg	U
West canyon	21-11230	MD21-01-0096	39–39.5	Qbt 3	Trichlorobenzene[1,2,4-]	0.37	mg/kg	U
West canyon	21-11230	MD21-01-0096	39–39.5	Qbt 3	Trichlorophenol[2,4,5-]	0.37	mg/kg	U
West canyon	21-11230	MD21-01-0096	39–39.5	Qbt 3	Trichlorophenol[2,4,6-]	0.37	mg/kg	U
West canyon	21-11230	MD21-01-0096	39–39.5	Qbt 3	Trimethylbenzene[1,2,4-]	0.0063	mg/kg	U
West canyon	21-11230	MD21-01-0096	39–39.5	Qbt 3	Trimethylbenzene[1,3,5-]	0.0063	mg/kg	U
West canyon	21-11230	MD21-01-0097	54.3–55	Qbt 3	Aluminum	4570	mg/kg	J+
West canyon	21-11230	MD21-01-0097	54.3–55	Qbt 3	Antimony	0.29	mg/kg	U
West canyon	21-11230	MD21-01-0097	54.3–55	Qbt 3	Arsenic	1.8	mg/kg	None
West canyon	21-11230	MD21-01-0097	54.3–55	Qbt 3	Barium	20.9	mg/kg	J
West canyon	21-11230	MD21-01-0097	54.3–55	Qbt 3	Beryllium	0.82	mg/kg	None
West canyon	21-11230	MD21-01-0097	54.3–55	Qbt 3	Cadmium	0.031	mg/kg	U
West canyon	21-11230	MD21-01-0097	54.3–55	Qbt 3	Calcium	503	mg/kg	J

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11230	MD21-01-0097	54.3–55	Qbt 3	Chromium, total	1.8	mg/kg	None
West canyon	21-11230	MD21-01-0097	54.3–55	Qbt 3	Cobalt	0.96	mg/kg	J
West canyon	21-11230	MD21-01-0097	54.3–55	Qbt 3	Copper	5.2	mg/kg	None
West canyon	21-11230	MD21-01-0097	54.3–55	Qbt 3	Iron	7890	mg/kg	None
West canyon	21-11230	MD21-01-0097	54.3–55	Qbt 3	Magnesium	491	mg/kg	J
West canyon	21-11230	MD21-01-0097	54.3–55	Qbt 3	Manganese	309	mg/kg	None
West canyon	21-11230	MD21-01-0097	54.3–55	Qbt 3	Mercury	0.02	mg/kg	U
West canyon	21-11230	MD21-01-0097	54.3–55	Qbt 3	Nickel	1.9	mg/kg	J
West canyon	21-11230	MD21-01-0097	54.3–55	Qbt 3	Potassium	549	mg/kg	J
West canyon	21-11230	MD21-01-0097	54.3–55	Qbt 3	Selenium	0.19	mg/kg	J
West canyon	21-11230	MD21-01-0097	54.3–55	Qbt 3	Silver	0.15	mg/kg	UJ
West canyon	21-11230	MD21-01-0097	54.3–55	Qbt 3	Sodium	107	mg/kg	J
West canyon	21-11230	MD21-01-0097	54.3–55	Qbt 3	Thallium	0.5	mg/kg	U
West canyon	21-11230	MD21-01-0097	54.3–55	Qbt 3	Vanadium	5.5	mg/kg	J
West canyon	21-11230	MD21-01-0097	54.3–55	Qbt 3	Zinc	37	mg/kg	None
West canyon	21-11230	MD21-01-0097	54.3–55	Qbt 3	Acenaphthylene	0.39	mg/kg	UJ
West canyon	21-11230	MD21-01-0097	54.3–55	Qbt 3	Aniline	0.39	mg/kg	UJ
West canyon	21-11230	MD21-01-0097	54.3–55	Qbt 3	Azobenzene	0.39	mg/kg	UJ
West canyon	21-11230	MD21-01-0097	54.3–55	Qbt 3	Benzo(g,h,i)perylene	0.39	mg/kg	U
West canyon	21-11230	MD21-01-0097	54.3–55	Qbt 3	Benzoic acid	1.9	mg/kg	UJ
West canyon	21-11230	MD21-01-0097	54.3–55	Qbt 3	Benzyl alcohol	0.39	mg/kg	UJ
West canyon	21-11230	MD21-01-0097	54.3–55	Qbt 3	Bis(2-chloroethoxy)methane	0.39	mg/kg	UJ
West canyon	21-11230	MD21-01-0097	54.3–55	Qbt 3	Bis(2-chloroethyl)ether	0.39	mg/kg	UJ
West canyon	21-11230	MD21-01-0097	54.3–55	Qbt 3	Bis(2-ethylhexyl)phthalate	0.39	mg/kg	U
West canyon	21-11230	MD21-01-0097	54.3–55	Qbt 3	Bromophenyl-phenylether[4-]	0.39	mg/kg	UJ
West canyon	21-11230	MD21-01-0097	54.3–55	Qbt 3	Butylbenzylphthalate	0.39	mg/kg	U
West canyon	21-11230	MD21-01-0097	54.3–55	Qbt 3	Chloro-3-methylphenol[4-]	0.39	mg/kg	UJ
West canyon	21-11230	MD21-01-0097	54.3–55	Qbt 3	Chloroaniline[4-]	0.39	mg/kg	UJ
West canyon	21-11230	MD21-01-0097	54.3–55	Qbt 3	Chloronaphthalene[2-]	0.39	mg/kg	UJ
West canyon	21-11230	MD21-01-0097	54.3–55	Qbt 3	Chlorophenol[2-]	0.39	mg/kg	UJ
West canyon	21-11230	MD21-01-0097	54.3–55	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.39	mg/kg	UJ
West canyon	21-11230	MD21-01-0097	54.3–55	Qbt 3	Di-n-butylphthalate	0.39	mg/kg	UJ
West canyon	21-11230	MD21-01-0097	54.3–55	Qbt 3	Di-n-octylphthalate	0.39	mg/kg	U
West canyon	21-11230	MD21-01-0097	54.3–55	Qbt 3	Dibenzofuran	0.39	mg/kg	UJ
West canyon	21-11230	MD21-01-0097	54.3–55	Qbt 3	Dichlorobenzene[1,2-]	0.39	mg/kg	UJ
West canyon	21-11230	MD21-01-0097	54.3–55	Qbt 3	Dichlorobenzene[1,3-]	0.39	mg/kg	UJ
West canyon	21-11230	MD21-01-0097	54.3–55	Qbt 3	Dichlorobenzene[1,4-]	0.39	mg/kg	UJ
West canyon	21-11230	MD21-01-0097	54.3–55	Qbt 3	Dichlorobenzidine[3,3'-]	1.9	mg/kg	U
West canyon	21-11230	MD21-01-0097	54.3–55	Qbt 3	Dichlorophenol[2,4-]	0.39	mg/kg	UJ

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11230	MD21-01-0097	54.3–55	Qbt 3	Diethylphthalate	0.39	mg/kg	UJ
West canyon	21-11230	MD21-01-0097	54.3–55	Qbt 3	Dimethyl phthalate	0.39	mg/kg	UJ
West canyon	21-11230	MD21-01-0097	54.3–55	Qbt 3	Dimethylphenol[2,4-]	0.39	mg/kg	UJ
West canyon	21-11230	MD21-01-0097	54.3–55	Qbt 3	Dinitro-2-methylphenol[4,6-]	1.9	mg/kg	UJ
West canyon	21-11230	MD21-01-0097	54.3–55	Qbt 3	Dinitrophenol[2,4-]	1.9	mg/kg	UJ
West canyon	21-11230	MD21-01-0097	54.3–55	Qbt 3	Dinitrotoluene[2,4-]	0.39	mg/kg	UJ
West canyon	21-11230	MD21-01-0097	54.3–55	Qbt 3	Dinitrotoluene[2,6-]	0.39	mg/kg	UJ
West canyon	21-11230	MD21-01-0097	54.3–55	Qbt 3	Hexachlorobenzene	0.39	mg/kg	UJ
West canyon	21-11230	MD21-01-0097	54.3–55	Qbt 3	Hexachlorobutadiene	0.39	mg/kg	UJ
West canyon	21-11230	MD21-01-0097	54.3–55	Qbt 3	Hexachlorocyclopentadiene	1.9	mg/kg	UJ
West canyon	21-11230	MD21-01-0097	54.3–55	Qbt 3	Hexachloroethane	0.39	mg/kg	UJ
West canyon	21-11230	MD21-01-0097	54.3–55	Qbt 3	Indeno(1,2,3-cd)pyrene	0.39	mg/kg	U
West canyon	21-11230	MD21-01-0097	54.3–55	Qbt 3	Isophorone	0.39	mg/kg	UJ
West canyon	21-11230	MD21-01-0097	54.3–55	Qbt 3	Methylphenol[2-]	0.39	mg/kg	UJ
West canyon	21-11230	MD21-01-0097	54.3–55	Qbt 3	Methylphenol[4-]	0.39	mg/kg	UJ
West canyon	21-11230	MD21-01-0097	54.3–55	Qbt 3	Nitroaniline[2-]	1.9	mg/kg	UJ
West canyon	21-11230	MD21-01-0097	54.3–55	Qbt 3	Nitroaniline[3-]	1.9	mg/kg	UJ
West canyon	21-11230	MD21-01-0097	54.3–55	Qbt 3	Nitroaniline[4-]	1.9	mg/kg	UJ
West canyon	21-11230	MD21-01-0097	54.3–55	Qbt 3	Nitrobenzene	0.39	mg/kg	UJ
West canyon	21-11230	MD21-01-0097	54.3–55	Qbt 3	Nitrophenol[2-]	0.39	mg/kg	UJ
West canyon	21-11230	MD21-01-0097	54.3–55	Qbt 3	Nitrophenol[4-]	1.9	mg/kg	UJ
West canyon	21-11230	MD21-01-0097	54.3–55	Qbt 3	Nitroso-di-n-propylamine[N-]	0.39	mg/kg	UJ
West canyon	21-11230	MD21-01-0097	54.3–55	Qbt 3	Nitrosodimethylamine[N-]	0.39	mg/kg	UJ
West canyon	21-11230	MD21-01-0097	54.3–55	Qbt 3	Nitrosodiphenylamine[N-]	0.39	mg/kg	UJ
West canyon	21-11230	MD21-01-0097	54.3–55	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.39	mg/kg	UJ
West canyon	21-11230	MD21-01-0097	54.3–55	Qbt 3	Pentachlorophenol	1.9	mg/kg	UJ
West canyon	21-11230	MD21-01-0097	54.3–55	Qbt 3	Phenol	0.39	mg/kg	UJ
West canyon	21-11230	MD21-01-0097	54.3–55	Qbt 3	Trichlorobenzene[1,2,4-]	0.39	mg/kg	UJ
West canyon	21-11230	MD21-01-0097	54.3–55	Qbt 3	Trichlorophenol[2,4,5-]	0.39	mg/kg	UJ
West canyon	21-11230	MD21-01-0097	54.3–55	Qbt 3	Trichlorophenol[2,4,6-]	0.39	mg/kg	UJ
West canyon	21-11230	MD21-01-0097	54.3–55	Qbt 3	Trimethylbenzene[1,2,4-]	0.0059	mg/kg	U
West canyon	21-11230	MD21-01-0097	54.3–55	Qbt 3	Trimethylbenzene[1,3,5-]	0.0059	mg/kg	U
West canyon	21-11229	MD21-01-0098	38.4–39.3	Qbt 3	Aluminum	1670	mg/kg	J+
West canyon	21-11229	MD21-01-0098	38.4–39.3	Qbt 3	Antimony	0.27	mg/kg	U
West canyon	21-11229	MD21-01-0098	38.4–39.3	Qbt 3	Arsenic	1.6	mg/kg	None
West canyon	21-11229	MD21-01-0098	38.4–39.3	Qbt 3	Barium	10.8	mg/kg	J
West canyon	21-11229	MD21-01-0098	38.4–39.3	Qbt 3	Beryllium	0.62	mg/kg	None
West canyon	21-11229	MD21-01-0098	38.4–39.3	Qbt 3	Cadmium	0.028	mg/kg	U
West canyon	21-11229	MD21-01-0098	38.4–39.3	Qbt 3	Calcium	192	mg/kg	J

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11229	MD21-01-0098	38.4–39.3	Qbt 3	Chromium, total	1.3	mg/kg	None
West canyon	21-11229	MD21-01-0098	38.4–39.3	Qbt 3	Cobalt	0.66	mg/kg	J
West canyon	21-11229	MD21-01-0098	38.4–39.3	Qbt 3	Copper	2	mg/kg	J
West canyon	21-11229	MD21-01-0098	38.4–39.3	Qbt 3	Iron	6650	mg/kg	None
West canyon	21-11229	MD21-01-0098	38.4–39.3	Qbt 3	Magnesium	116	mg/kg	J
West canyon	21-11229	MD21-01-0098	38.4–39.3	Qbt 3	Manganese	225	mg/kg	None
West canyon	21-11229	MD21-01-0098	38.4–39.3	Qbt 3	Mercury	0.018	mg/kg	U
West canyon	21-11229	MD21-01-0098	38.4–39.3	Qbt 3	Nickel	1.1	mg/kg	J
West canyon	21-11229	MD21-01-0098	38.4–39.3	Qbt 3	Potassium	130	mg/kg	U
West canyon	21-11229	MD21-01-0098	38.4–39.3	Qbt 3	Selenium	0.17	mg/kg	J
West canyon	21-11229	MD21-01-0098	38.4–39.3	Qbt 3	Silver	0.14	mg/kg	UJ
West canyon	21-11229	MD21-01-0098	38.4–39.3	Qbt 3	Sodium	120	mg/kg	J
West canyon	21-11229	MD21-01-0098	38.4–39.3	Qbt 3	Thallium	0.25	mg/kg	U
West canyon	21-11229	MD21-01-0098	38.4–39.3	Qbt 3	Vanadium	2.8	mg/kg	J
West canyon	21-11229	MD21-01-0098	38.4–39.3	Qbt 3	Zinc	36.3	mg/kg	None
West canyon	21-11230	MD21-01-0099	104.2–105	Qbt 2	Aluminum	2680	mg/kg	J+
West canyon	21-11230	MD21-01-0099	104.2–105	Qbt 2	Antimony	0.27	mg/kg	U
West canyon	21-11230	MD21-01-0099	104.2–105	Qbt 2	Arsenic	1.8	mg/kg	None
West canyon	21-11230	MD21-01-0099	104.2–105	Qbt 2	Barium	20.1	mg/kg	J
West canyon	21-11230	MD21-01-0099	104.2–105	Qbt 2	Beryllium	1.3	mg/kg	None
West canyon	21-11230	MD21-01-0099	104.2–105	Qbt 2	Cadmium	0.028	mg/kg	U
West canyon	21-11230	MD21-01-0099	104.2–105	Qbt 2	Calcium	443	mg/kg	J
West canyon	21-11230	MD21-01-0099	104.2–105	Qbt 2	Chromium, total	2.3	mg/kg	None
West canyon	21-11230	MD21-01-0099	104.2–105	Qbt 2	Cobalt	0.83	mg/kg	J
West canyon	21-11230	MD21-01-0099	104.2–105	Qbt 2	Copper	3.3	mg/kg	None
West canyon	21-11230	MD21-01-0099	104.2–105	Qbt 2	Iron	6160	mg/kg	None
West canyon	21-11230	MD21-01-0099	104.2–105	Qbt 2	Magnesium	325	mg/kg	J
West canyon	21-11230	MD21-01-0099	104.2–105	Qbt 2	Manganese	384	mg/kg	None
West canyon	21-11230	MD21-01-0099	104.2–105	Qbt 2	Mercury	0.018	mg/kg	U
West canyon	21-11230	MD21-01-0099	104.2–105	Qbt 2	Nickel	1.8	mg/kg	J
West canyon	21-11230	MD21-01-0099	104.2–105	Qbt 2	Potassium	195	mg/kg	J
West canyon	21-11230	MD21-01-0099	104.2–105	Qbt 2	Selenium	0.13	mg/kg	U
West canyon	21-11230	MD21-01-0099	104.2–105	Qbt 2	Silver	0.14	mg/kg	UJ
West canyon	21-11230	MD21-01-0099	104.2–105	Qbt 2	Sodium	49.7	mg/kg	J
West canyon	21-11230	MD21-01-0099	104.2–105	Qbt 2	Thallium	0.26	mg/kg	U
West canyon	21-11230	MD21-01-0099	104.2–105	Qbt 2	Vanadium	4	mg/kg	J
West canyon	21-11230	MD21-01-0099	104.2–105	Qbt 2	Zinc	51.3	mg/kg	None
West canyon	21-11230	MD21-01-0099	104.2–105	Qbt 2	Acenaphthylene	0.35	mg/kg	UJ
West canyon	21-11230	MD21-01-0099	104.2–105	Qbt 2	Aniline	0.35	mg/kg	UJ

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11230	MD21-01-0099	104.2–105	Qbt 2	Azobenzene	0.35	mg/kg	UJ
West canyon	21-11230	MD21-01-0099	104.2–105	Qbt 2	Benzo(g,h,i)perylene	0.35	mg/kg	UJ
West canyon	21-11230	MD21-01-0099	104.2–105	Qbt 2	Benzoic acid	1.7	mg/kg	UJ
West canyon	21-11230	MD21-01-0099	104.2–105	Qbt 2	Benzyl alcohol	0.35	mg/kg	UJ
West canyon	21-11230	MD21-01-0099	104.2–105	Qbt 2	Bis(2-chloroethoxy)methane	0.35	mg/kg	UJ
West canyon	21-11230	MD21-01-0099	104.2–105	Qbt 2	Bis(2-chloroethyl)ether	0.35	mg/kg	UJ
West canyon	21-11230	MD21-01-0099	104.2–105	Qbt 2	Bis(2-ethylhexyl)phthalate	0.35	mg/kg	UJ
West canyon	21-11230	MD21-01-0099	104.2–105	Qbt 2	Bromophenyl-phenylether[4-]	0.35	mg/kg	UJ
West canyon	21-11230	MD21-01-0099	104.2–105	Qbt 2	Butylbenzylphthalate	0.35	mg/kg	UJ
West canyon	21-11230	MD21-01-0099	104.2–105	Qbt 2	Chloro-3-methylphenol[4-]	0.35	mg/kg	UJ
West canyon	21-11230	MD21-01-0099	104.2–105	Qbt 2	Chloroaniline[4-]	0.35	mg/kg	UJ
West canyon	21-11230	MD21-01-0099	104.2–105	Qbt 2	Chloronaphthalene[2-]	0.35	mg/kg	UJ
West canyon	21-11230	MD21-01-0099	104.2–105	Qbt 2	Chlorophenol[2-]	0.35	mg/kg	UJ
West canyon	21-11230	MD21-01-0099	104.2–105	Qbt 2	Chlorophenyl-phenyl[4-] ether	0.35	mg/kg	UJ
West canyon	21-11230	MD21-01-0099	104.2–105	Qbt 2	Di-n-butylphthalate	0.35	mg/kg	UJ
West canyon	21-11230	MD21-01-0099	104.2–105	Qbt 2	Di-n-octylphthalate	0.35	mg/kg	UJ
West canyon	21-11230	MD21-01-0099	104.2–105	Qbt 2	Dibenzofuran	0.35	mg/kg	UJ
West canyon	21-11230	MD21-01-0099	104.2–105	Qbt 2	Dichlorobenzene[1,2-]	0.35	mg/kg	UJ
West canyon	21-11230	MD21-01-0099	104.2–105	Qbt 2	Dichlorobenzene[1,3-]	0.35	mg/kg	UJ
West canyon	21-11230	MD21-01-0099	104.2–105	Qbt 2	Dichlorobenzene[1,4-]	0.35	mg/kg	UJ
West canyon	21-11230	MD21-01-0099	104.2–105	Qbt 2	Dichlorobenzidine[3,3'-]	1.7	mg/kg	UJ
West canyon	21-11230	MD21-01-0099	104.2–105	Qbt 2	Dichlorophenol[2,4-]	0.35	mg/kg	UJ
West canyon	21-11230	MD21-01-0099	104.2–105	Qbt 2	Diethylphthalate	0.35	mg/kg	UJ
West canyon	21-11230	MD21-01-0099	104.2–105	Qbt 2	Dimethyl phthalate	0.35	mg/kg	UJ
West canyon	21-11230	MD21-01-0099	104.2–105	Qbt 2	Dimethylphenol[2,4-]	0.35	mg/kg	UJ
West canyon	21-11230	MD21-01-0099	104.2–105	Qbt 2	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	UJ
West canyon	21-11230	MD21-01-0099	104.2–105	Qbt 2	Dinitrophenol[2,4-]	1.7	mg/kg	UJ
West canyon	21-11230	MD21-01-0099	104.2–105	Qbt 2	Dinitrotoluene[2,4-]	0.35	mg/kg	UJ
West canyon	21-11230	MD21-01-0099	104.2–105	Qbt 2	Dinitrotoluene[2,6-]	0.35	mg/kg	UJ
West canyon	21-11230	MD21-01-0099	104.2–105	Qbt 2	Hexachlorobenzene	0.35	mg/kg	UJ
West canyon	21-11230	MD21-01-0099	104.2–105	Qbt 2	Hexachlorobutadiene	0.35	mg/kg	UJ
West canyon	21-11230	MD21-01-0099	104.2–105	Qbt 2	Hexachlorocyclopentadiene	1.7	mg/kg	UJ
West canyon	21-11230	MD21-01-0099	104.2–105	Qbt 2	Hexachloroethane	0.35	mg/kg	UJ
West canyon	21-11230	MD21-01-0099	104.2–105	Qbt 2	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	UJ
West canyon	21-11230	MD21-01-0099	104.2–105	Qbt 2	Isophorone	0.35	mg/kg	UJ
West canyon	21-11230	MD21-01-0099	104.2–105	Qbt 2	Methylphenol[2-]	0.35	mg/kg	UJ
West canyon	21-11230	MD21-01-0099	104.2–105	Qbt 2	Methylphenol[4-]	0.35	mg/kg	UJ
West canyon	21-11230	MD21-01-0099	104.2–105	Qbt 2	Nitroaniline[2-]	1.7	mg/kg	UJ
West canyon	21-11230	MD21-01-0099	104.2–105	Qbt 2	Nitroaniline[3-]	1.7	mg/kg	UJ

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11230	MD21-01-0099	104.2–105	Qbt 2	Nitroaniline[4-]	1.7	mg/kg	UJ
West canyon	21-11230	MD21-01-0099	104.2–105	Qbt 2	Nitrobenzene	0.35	mg/kg	UJ
West canyon	21-11230	MD21-01-0099	104.2–105	Qbt 2	Nitrophenol[2-]	0.35	mg/kg	UJ
West canyon	21-11230	MD21-01-0099	104.2–105	Qbt 2	Nitrophenol[4-]	1.7	mg/kg	UJ
West canyon	21-11230	MD21-01-0099	104.2–105	Qbt 2	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	UJ
West canyon	21-11230	MD21-01-0099	104.2–105	Qbt 2	Nitrosodimethylamine[N-]	0.35	mg/kg	UJ
West canyon	21-11230	MD21-01-0099	104.2–105	Qbt 2	Nitrosodiphenylamine[N-]	0.35	mg/kg	UJ
West canyon	21-11230	MD21-01-0099	104.2–105	Qbt 2	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	UJ
West canyon	21-11230	MD21-01-0099	104.2–105	Qbt 2	Pentachlorophenol	1.7	mg/kg	UJ
West canyon	21-11230	MD21-01-0099	104.2–105	Qbt 2	Phenol	0.35	mg/kg	UJ
West canyon	21-11230	MD21-01-0099	104.2–105	Qbt 2	Trichlorobenzene[1,2,4-]	0.35	mg/kg	UJ
West canyon	21-11230	MD21-01-0099	104.2–105	Qbt 2	Trichlorophenol[2,4,5-]	0.35	mg/kg	UJ
West canyon	21-11230	MD21-01-0099	104.2–105	Qbt 2	Trichlorophenol[2,4,6-]	0.35	mg/kg	UJ
West canyon	21-11230	MD21-01-0099	104.2–105	Qbt 2	Trimethylbenzene[1,2,4-]	0.0055	mg/kg	U
West canyon	21-11230	MD21-01-0099	104.2–105	Qbt 2	Trimethylbenzene[1,3,5-]	0.0055	mg/kg	U
West canyon	21-11231	MD21-01-0100	32–32.5	Qbt 3	Aluminum	5410	mg/kg	None
West canyon	21-11231	MD21-01-0100	32–32.5	Qbt 3	Antimony	0.27	mg/kg	UJ
West canyon	21-11231	MD21-01-0100	32–32.5	Qbt 3	Arsenic	1.6	mg/kg	None
West canyon	21-11231	MD21-01-0100	32–32.5	Qbt 3	Barium	22.3	mg/kg	None
West canyon	21-11231	MD21-01-0100	32–32.5	Qbt 3	Beryllium	0.67	mg/kg	None
West canyon	21-11231	MD21-01-0100	32–32.5	Qbt 3	Cadmium	0.028	mg/kg	U
West canyon	21-11231	MD21-01-0100	32–32.5	Qbt 3	Calcium	440	mg/kg	J
West canyon	21-11231	MD21-01-0100	32–32.5	Qbt 3	Chromium, total	1.6	mg/kg	None
West canyon	21-11231	MD21-01-0100	32–32.5	Qbt 3	Cobalt	0.85	mg/kg	J
West canyon	21-11231	MD21-01-0100	32–32.5	Qbt 3	Copper	2.9	mg/kg	None
West canyon	21-11231	MD21-01-0100	32–32.5	Qbt 3	Iron	7120	mg/kg	None
West canyon	21-11231	MD21-01-0100	32–32.5	Qbt 3	Magnesium	356	mg/kg	J
West canyon	21-11231	MD21-01-0100	32–32.5	Qbt 3	Manganese	185	mg/kg	J-
West canyon	21-11231	MD21-01-0100	32–32.5	Qbt 3	Mercury	0.018	mg/kg	U
West canyon	21-11231	MD21-01-0100	32–32.5	Qbt 3	Nickel	1.9	mg/kg	J-
West canyon	21-11231	MD21-01-0100	32–32.5	Qbt 3	Potassium	364	mg/kg	J
West canyon	21-11231	MD21-01-0100	32–32.5	Qbt 3	Selenium	0.13	mg/kg	U
West canyon	21-11231	MD21-01-0100	32–32.5	Qbt 3	Silver	0.14	mg/kg	U
West canyon	21-11231	MD21-01-0100	32–32.5	Qbt 3	Sodium	128	mg/kg	J
West canyon	21-11231	MD21-01-0100	32–32.5	Qbt 3	Thallium	0.14	mg/kg	U
West canyon	21-11231	MD21-01-0100	32–32.5	Qbt 3	Vanadium	4.4	mg/kg	J
West canyon	21-11231	MD21-01-0100	32–32.5	Qbt 3	Zinc	30	mg/kg	None
West canyon	21-11231	MD21-01-0100	32–32.5	Qbt 3	Acenaphthylene	0.36	mg/kg	U
West canyon	21-11231	MD21-01-0100	32–32.5	Qbt 3	Aniline	0.36	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11231	MD21-01-0100	32–32.5	Qbt 3	Azobenzene	0.36	mg/kg	U
West canyon	21-11231	MD21-01-0100	32–32.5	Qbt 3	Benzo(g,h,i)perylene	0.36	mg/kg	U
West canyon	21-11231	MD21-01-0100	32–32.5	Qbt 3	Benzoic acid	1.7	mg/kg	U
West canyon	21-11231	MD21-01-0100	32–32.5	Qbt 3	Benzyl alcohol	0.36	mg/kg	U
West canyon	21-11231	MD21-01-0100	32–32.5	Qbt 3	Bis(2-chloroethoxy)methane	0.36	mg/kg	U
West canyon	21-11231	MD21-01-0100	32–32.5	Qbt 3	Bis(2-chloroethyl)ether	0.36	mg/kg	U
West canyon	21-11231	MD21-01-0100	32–32.5	Qbt 3	Bis(2-ethylhexyl)phthalate	0.36	mg/kg	U
West canyon	21-11231	MD21-01-0100	32–32.5	Qbt 3	Bromophenyl-phenylether[4-]	0.36	mg/kg	U
West canyon	21-11231	MD21-01-0100	32–32.5	Qbt 3	Butylbenzylphthalate	0.36	mg/kg	U
West canyon	21-11231	MD21-01-0100	32–32.5	Qbt 3	Chloro-3-methylphenol[4-]	0.36	mg/kg	U
West canyon	21-11231	MD21-01-0100	32–32.5	Qbt 3	Chloroaniline[4-]	0.36	mg/kg	U
West canyon	21-11231	MD21-01-0100	32–32.5	Qbt 3	Chloronaphthalene[2-]	0.36	mg/kg	U
West canyon	21-11231	MD21-01-0100	32–32.5	Qbt 3	Chlorophenol[2-]	0.36	mg/kg	U
West canyon	21-11231	MD21-01-0100	32–32.5	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.36	mg/kg	U
West canyon	21-11231	MD21-01-0100	32–32.5	Qbt 3	Di-n-butylphthalate	0.36	mg/kg	U
West canyon	21-11231	MD21-01-0100	32–32.5	Qbt 3	Di-n-octylphthalate	0.36	mg/kg	U
West canyon	21-11231	MD21-01-0100	32–32.5	Qbt 3	Dibenzofuran	0.36	mg/kg	U
West canyon	21-11231	MD21-01-0100	32–32.5	Qbt 3	Dichlorobenzene[1,2-]	0.36	mg/kg	U
West canyon	21-11231	MD21-01-0100	32–32.5	Qbt 3	Dichlorobenzene[1,3-]	0.36	mg/kg	U
West canyon	21-11231	MD21-01-0100	32–32.5	Qbt 3	Dichlorobenzene[1,4-]	0.36	mg/kg	U
West canyon	21-11231	MD21-01-0100	32–32.5	Qbt 3	Dichlorobenzidine[3,3'-]	1.7	mg/kg	U
West canyon	21-11231	MD21-01-0100	32–32.5	Qbt 3	Dichlorophenol[2,4-]	0.36	mg/kg	U
West canyon	21-11231	MD21-01-0100	32–32.5	Qbt 3	Diethylphthalate	0.36	mg/kg	U
West canyon	21-11231	MD21-01-0100	32–32.5	Qbt 3	Dimethyl phthalate	0.36	mg/kg	U
West canyon	21-11231	MD21-01-0100	32–32.5	Qbt 3	Dimethylphenol[2,4-]	0.36	mg/kg	U
West canyon	21-11231	MD21-01-0100	32–32.5	Qbt 3	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
West canyon	21-11231	MD21-01-0100	32–32.5	Qbt 3	Dinitrophenol[2,4-]	1.7	mg/kg	U
West canyon	21-11231	MD21-01-0100	32–32.5	Qbt 3	Dinitrotoluene[2,4-]	0.36	mg/kg	U
West canyon	21-11231	MD21-01-0100	32–32.5	Qbt 3	Dinitrotoluene[2,6-]	0.36	mg/kg	U
West canyon	21-11231	MD21-01-0100	32–32.5	Qbt 3	Hexachlorobenzene	0.36	mg/kg	U
West canyon	21-11231	MD21-01-0100	32–32.5	Qbt 3	Hexachlorobutadiene	0.36	mg/kg	U
West canyon	21-11231	MD21-01-0100	32–32.5	Qbt 3	Hexachlorocyclopentadiene	1.7	mg/kg	U
West canyon	21-11231	MD21-01-0100	32–32.5	Qbt 3	Hexachloroethane	0.36	mg/kg	U
West canyon	21-11231	MD21-01-0100	32–32.5	Qbt 3	Indeno(1,2,3-cd)pyrene	0.36	mg/kg	U
West canyon	21-11231	MD21-01-0100	32–32.5	Qbt 3	Isophorone	0.36	mg/kg	U
West canyon	21-11231	MD21-01-0100	32–32.5	Qbt 3	Methylphenol[2-]	0.36	mg/kg	U
West canyon	21-11231	MD21-01-0100	32–32.5	Qbt 3	Methylphenol[4-]	0.36	mg/kg	U
West canyon	21-11231	MD21-01-0100	32–32.5	Qbt 3	Nitroaniline[2-]	1.7	mg/kg	U
West canyon	21-11231	MD21-01-0100	32–32.5	Qbt 3	Nitroaniline[3-]	1.7	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11231	MD21-01-0100	32–32.5	Qbt 3	Nitroaniline[4-]	1.7	mg/kg	U
West canyon	21-11231	MD21-01-0100	32–32.5	Qbt 3	Nitrobenzene	0.36	mg/kg	U
West canyon	21-11231	MD21-01-0100	32–32.5	Qbt 3	Nitrophenol[2-]	0.36	mg/kg	U
West canyon	21-11231	MD21-01-0100	32–32.5	Qbt 3	Nitrophenol[4-]	1.7	mg/kg	U
West canyon	21-11231	MD21-01-0100	32–32.5	Qbt 3	Nitroso-di-n-propylamine[N-]	0.36	mg/kg	U
West canyon	21-11231	MD21-01-0100	32–32.5	Qbt 3	Nitrosodimethylamine[N-]	0.36	mg/kg	U
West canyon	21-11231	MD21-01-0100	32–32.5	Qbt 3	Nitrosodiphenylamine[N-]	0.36	mg/kg	U
West canyon	21-11231	MD21-01-0100	32–32.5	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.36	mg/kg	U
West canyon	21-11231	MD21-01-0100	32–32.5	Qbt 3	Pentachlorophenol	1.7	mg/kg	U
West canyon	21-11231	MD21-01-0100	32–32.5	Qbt 3	Phenol	0.36	mg/kg	U
West canyon	21-11231	MD21-01-0100	32–32.5	Qbt 3	Trichlorobenzene[1,2,4-]	0.36	mg/kg	U
West canyon	21-11231	MD21-01-0100	32–32.5	Qbt 3	Trichlorophenol[2,4,5-]	0.36	mg/kg	U
West canyon	21-11231	MD21-01-0100	32–32.5	Qbt 3	Trichlorophenol[2,4,6-]	0.36	mg/kg	U
West canyon	21-11231	MD21-01-0100	32–32.5	Qbt 3	Trimethylbenzene[1,2,4-]	0.0057	mg/kg	U
West canyon	21-11231	MD21-01-0100	32–32.5	Qbt 3	Trimethylbenzene[1,3,5-]	0.0057	mg/kg	U
West canyon	21-11230	MD21-01-0101	89–90	Qbt 3	Aluminum	711	mg/kg	None
West canyon	21-11230	MD21-01-0101	89–90	Qbt 3	Antimony	0.27	mg/kg	UJ
West canyon	21-11230	MD21-01-0101	89–90	Qbt 3	Arsenic	0.86	mg/kg	J
West canyon	21-11230	MD21-01-0101	89–90	Qbt 3	Barium	10.2	mg/kg	J
West canyon	21-11230	MD21-01-0101	89–90	Qbt 3	Beryllium	0.47	mg/kg	J
West canyon	21-11230	MD21-01-0101	89–90	Qbt 3	Cadmium	0.028	mg/kg	U
West canyon	21-11230	MD21-01-0101	89–90	Qbt 3	Calcium	238	mg/kg	J
West canyon	21-11230	MD21-01-0101	89–90	Qbt 3	Chromium, total	0.55	mg/kg	J
West canyon	21-11230	MD21-01-0101	89–90	Qbt 3	Cobalt	0.56	mg/kg	J
West canyon	21-11230	MD21-01-0101	89–90	Qbt 3	Copper	2	mg/kg	J
West canyon	21-11230	MD21-01-0101	89–90	Qbt 3	Iron	5620	mg/kg	None
West canyon	21-11230	MD21-01-0101	89–90	Qbt 3	Magnesium	101	mg/kg	J
West canyon	21-11230	MD21-01-0101	89–90	Qbt 3	Manganese	308	mg/kg	J-
West canyon	21-11230	MD21-01-0101	89–90	Qbt 3	Mercury	0.018	mg/kg	U
West canyon	21-11230	MD21-01-0101	89–90	Qbt 3	Nickel	0.37	mg/kg	J+
West canyon	21-11230	MD21-01-0101	89–90	Qbt 3	Potassium	149	mg/kg	J
West canyon	21-11230	MD21-01-0101	89–90	Qbt 3	Selenium	0.19	mg/kg	J
West canyon	21-11230	MD21-01-0101	89–90	Qbt 3	Silver	0.14	mg/kg	U
West canyon	21-11230	MD21-01-0101	89–90	Qbt 3	Sodium	82.4	mg/kg	J
West canyon	21-11230	MD21-01-0101	89–90	Qbt 3	Thallium	0.14	mg/kg	U
West canyon	21-11230	MD21-01-0101	89–90	Qbt 3	Vanadium	1.8	mg/kg	J
West canyon	21-11230	MD21-01-0101	89–90	Qbt 3	Zinc	38.8	mg/kg	None
West canyon	21-11230	MD21-01-0101	89–90	Qbt 3	Acenaphthylene	0.35	mg/kg	U
West canyon	21-11230	MD21-01-0101	89–90	Qbt 3	Aniline	0.35	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11230	MD21-01-0101	89–90	Qbt 3	Azobenzene	0.35	mg/kg	U
West canyon	21-11230	MD21-01-0101	89–90	Qbt 3	Benzo(g,h,i)perylene	0.35	mg/kg	U
West canyon	21-11230	MD21-01-0101	89–90	Qbt 3	Benzoic acid	1.7	mg/kg	U
West canyon	21-11230	MD21-01-0101	89–90	Qbt 3	Benzyl alcohol	0.35	mg/kg	U
West canyon	21-11230	MD21-01-0101	89–90	Qbt 3	Bis(2-chloroethoxy)methane	0.35	mg/kg	U
West canyon	21-11230	MD21-01-0101	89–90	Qbt 3	Bis(2-chloroethyl)ether	0.35	mg/kg	U
West canyon	21-11230	MD21-01-0101	89–90	Qbt 3	Bis(2-ethylhexyl)phthalate	0.35	mg/kg	U
West canyon	21-11230	MD21-01-0101	89–90	Qbt 3	Bromophenyl-phenylether[4-]	0.35	mg/kg	U
West canyon	21-11230	MD21-01-0101	89–90	Qbt 3	Butylbenzylphthalate	0.35	mg/kg	U
West canyon	21-11230	MD21-01-0101	89–90	Qbt 3	Chloro-3-methylphenol[4-]	0.35	mg/kg	U
West canyon	21-11230	MD21-01-0101	89–90	Qbt 3	Chloroaniline[4-]	0.35	mg/kg	U
West canyon	21-11230	MD21-01-0101	89–90	Qbt 3	Chloronaphthalene[2-]	0.35	mg/kg	U
West canyon	21-11230	MD21-01-0101	89–90	Qbt 3	Chlorophenol[2-]	0.35	mg/kg	U
West canyon	21-11230	MD21-01-0101	89–90	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.35	mg/kg	U
West canyon	21-11230	MD21-01-0101	89–90	Qbt 3	Di-n-butylphthalate	0.35	mg/kg	U
West canyon	21-11230	MD21-01-0101	89–90	Qbt 3	Di-n-octylphthalate	0.35	mg/kg	U
West canyon	21-11230	MD21-01-0101	89–90	Qbt 3	Dibenzofuran	0.35	mg/kg	U
West canyon	21-11230	MD21-01-0101	89–90	Qbt 3	Dichlorobenzene[1,2-]	0.35	mg/kg	U
West canyon	21-11230	MD21-01-0101	89–90	Qbt 3	Dichlorobenzene[1,3-]	0.35	mg/kg	U
West canyon	21-11230	MD21-01-0101	89–90	Qbt 3	Dichlorobenzene[1,4-]	0.35	mg/kg	U
West canyon	21-11230	MD21-01-0101	89–90	Qbt 3	Dichlorobenzidine[3,3'-]	1.7	mg/kg	U
West canyon	21-11230	MD21-01-0101	89–90	Qbt 3	Dichlorophenol[2,4-]	0.35	mg/kg	U
West canyon	21-11230	MD21-01-0101	89–90	Qbt 3	Diethylphthalate	0.35	mg/kg	U
West canyon	21-11230	MD21-01-0101	89–90	Qbt 3	Dimethyl phthalate	0.35	mg/kg	U
West canyon	21-11230	MD21-01-0101	89–90	Qbt 3	Dimethylphenol[2,4-]	0.35	mg/kg	U
West canyon	21-11230	MD21-01-0101	89–90	Qbt 3	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
West canyon	21-11230	MD21-01-0101	89–90	Qbt 3	Dinitrophenol[2,4-]	1.7	mg/kg	U
West canyon	21-11230	MD21-01-0101	89–90	Qbt 3	Dinitrotoluene[2,4-]	0.35	mg/kg	U
West canyon	21-11230	MD21-01-0101	89–90	Qbt 3	Dinitrotoluene[2,6-]	0.35	mg/kg	U
West canyon	21-11230	MD21-01-0101	89–90	Qbt 3	Hexachlorobenzene	0.35	mg/kg	U
West canyon	21-11230	MD21-01-0101	89–90	Qbt 3	Hexachlorobutadiene	0.35	mg/kg	U
West canyon	21-11230	MD21-01-0101	89–90	Qbt 3	Hexachlorocyclopentadiene	1.7	mg/kg	U
West canyon	21-11230	MD21-01-0101	89–90	Qbt 3	Hexachloroethane	0.35	mg/kg	U
West canyon	21-11230	MD21-01-0101	89–90	Qbt 3	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	U
West canyon	21-11230	MD21-01-0101	89–90	Qbt 3	Isophorone	0.35	mg/kg	U
West canyon	21-11230	MD21-01-0101	89–90	Qbt 3	Methylphenol[2-]	0.35	mg/kg	U
West canyon	21-11230	MD21-01-0101	89–90	Qbt 3	Methylphenol[4-]	0.35	mg/kg	U
West canyon	21-11230	MD21-01-0101	89–90	Qbt 3	Nitroaniline[2-]	1.7	mg/kg	U
West canyon	21-11230	MD21-01-0101	89–90	Qbt 3	Nitroaniline[3-]	1.7	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11230	MD21-01-0101	89–90	Qbt 3	Nitroaniline[4-]	1.7	mg/kg	U
West canyon	21-11230	MD21-01-0101	89–90	Qbt 3	Nitrobenzene	0.35	mg/kg	U
West canyon	21-11230	MD21-01-0101	89–90	Qbt 3	Nitrophenol[2-]	0.35	mg/kg	U
West canyon	21-11230	MD21-01-0101	89–90	Qbt 3	Nitrophenol[4-]	1.7	mg/kg	U
West canyon	21-11230	MD21-01-0101	89–90	Qbt 3	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	U
West canyon	21-11230	MD21-01-0101	89–90	Qbt 3	Nitrosodimethylamine[N-]	0.35	mg/kg	U
West canyon	21-11230	MD21-01-0101	89–90	Qbt 3	Nitrosodiphenylamine[N-]	0.35	mg/kg	U
West canyon	21-11230	MD21-01-0101	89–90	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	U
West canyon	21-11230	MD21-01-0101	89–90	Qbt 3	Pentachlorophenol	1.7	mg/kg	U
West canyon	21-11230	MD21-01-0101	89–90	Qbt 3	Phenol	0.35	mg/kg	U
West canyon	21-11230	MD21-01-0101	89–90	Qbt 3	Trichlorobenzene[1,2,4-]	0.35	mg/kg	U
West canyon	21-11230	MD21-01-0101	89–90	Qbt 3	Trichlorophenol[2,4,5-]	0.35	mg/kg	U
West canyon	21-11230	MD21-01-0101	89–90	Qbt 3	Trichlorophenol[2,4,6-]	0.35	mg/kg	U
West canyon	21-11230	MD21-01-0101	89–90	Qbt 3	Trimethylbenzene[1,2,4-]	0.0057	mg/kg	U
West canyon	21-11230	MD21-01-0101	89–90	Qbt 3	Trimethylbenzene[1,3,5-]	0.0057	mg/kg	U
West canyon	21-11231	MD21-01-0102	5.8–6	Qbt 3	Aluminum	14800	mg/kg	None
West canyon	21-11231	MD21-01-0102	5.8–6	Qbt 3	Antimony	0.3	mg/kg	J-
West canyon	21-11231	MD21-01-0102	5.8–6	Qbt 3	Arsenic	4	mg/kg	None
West canyon	21-11231	MD21-01-0102	5.8–6	Qbt 3	Barium	121	mg/kg	None
West canyon	21-11231	MD21-01-0102	5.8–6	Qbt 3	Beryllium	1.7	mg/kg	None
West canyon	21-11231	MD21-01-0102	5.8–6	Qbt 3	Cadmium	0.029	mg/kg	U
West canyon	21-11231	MD21-01-0102	5.8–6	Qbt 3	Calcium	2830	mg/kg	None
West canyon	21-11231	MD21-01-0102	5.8–6	Qbt 3	Chromium, total	8.4	mg/kg	None
West canyon	21-11231	MD21-01-0102	5.8–6	Qbt 3	Cobalt	2.9	mg/kg	J
West canyon	21-11231	MD21-01-0102	5.8–6	Qbt 3	Copper	10.3	mg/kg	None
West canyon	21-11231	MD21-01-0102	5.8–6	Qbt 3	Iron	14800	mg/kg	None
West canyon	21-11231	MD21-01-0102	5.8–6	Qbt 3	Magnesium	2200	mg/kg	None
West canyon	21-11231	MD21-01-0102	5.8–6	Qbt 3	Manganese	219	mg/kg	J-
West canyon	21-11231	MD21-01-0102	5.8–6	Qbt 3	Mercury	0.052	mg/kg	None
West canyon	21-11231	MD21-01-0102	5.8–6	Qbt 3	Nickel	6.7	mg/kg	J+
West canyon	21-11231	MD21-01-0102	5.8–6	Qbt 3	Potassium	1420	mg/kg	None
West canyon	21-11231	MD21-01-0102	5.8–6	Qbt 3	Selenium	0.22	mg/kg	J
West canyon	21-11231	MD21-01-0102	5.8–6	Qbt 3	Silver	0.15	mg/kg	U
West canyon	21-11231	MD21-01-0102	5.8–6	Qbt 3	Sodium	150	mg/kg	J
West canyon	21-11231	MD21-01-0102	5.8–6	Qbt 3	Thallium	0.15	mg/kg	U
West canyon	21-11231	MD21-01-0102	5.8–6	Qbt 3	Vanadium	21.1	mg/kg	None
West canyon	21-11231	MD21-01-0102	5.8–6	Qbt 3	Zinc	35.7	mg/kg	None
West canyon	21-11231	MD21-01-0102	5.8–6	Qbt 3	Acenaphthylene	0.36	mg/kg	U
West canyon	21-11231	MD21-01-0102	5.8–6	Qbt 3	Aniline	0.36	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11231	MD21-01-0102	5.8–6	Qbt 3	Azobenzene	0.36	mg/kg	U
West canyon	21-11231	MD21-01-0102	5.8–6	Qbt 3	Benzo(g,h,i)perylene	0.36	mg/kg	U
West canyon	21-11231	MD21-01-0102	5.8–6	Qbt 3	Benzoic acid	1.7	mg/kg	U
West canyon	21-11231	MD21-01-0102	5.8–6	Qbt 3	Benzyl alcohol	0.36	mg/kg	U
West canyon	21-11231	MD21-01-0102	5.8–6	Qbt 3	Bis(2-chloroethoxy)methane	0.36	mg/kg	U
West canyon	21-11231	MD21-01-0102	5.8–6	Qbt 3	Bis(2-chloroethyl)ether	0.36	mg/kg	U
West canyon	21-11231	MD21-01-0102	5.8–6	Qbt 3	Bis(2-ethylhexyl)phthalate	0.36	mg/kg	U
West canyon	21-11231	MD21-01-0102	5.8–6	Qbt 3	Bromophenyl-phenylether[4-]	0.36	mg/kg	U
West canyon	21-11231	MD21-01-0102	5.8–6	Qbt 3	Butylbenzylphthalate	0.36	mg/kg	U
West canyon	21-11231	MD21-01-0102	5.8–6	Qbt 3	Chloro-3-methylphenol[4-]	0.36	mg/kg	U
West canyon	21-11231	MD21-01-0102	5.8–6	Qbt 3	Chloroaniline[4-]	0.36	mg/kg	U
West canyon	21-11231	MD21-01-0102	5.8–6	Qbt 3	Chloronaphthalene[2-]	0.36	mg/kg	U
West canyon	21-11231	MD21-01-0102	5.8–6	Qbt 3	Chlorophenol[2-]	0.36	mg/kg	U
West canyon	21-11231	MD21-01-0102	5.8–6	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.36	mg/kg	U
West canyon	21-11231	MD21-01-0102	5.8–6	Qbt 3	Di-n-butylphthalate	0.36	mg/kg	U
West canyon	21-11231	MD21-01-0102	5.8–6	Qbt 3	Di-n-octylphthalate	0.36	mg/kg	U
West canyon	21-11231	MD21-01-0102	5.8–6	Qbt 3	Dibenzofuran	0.36	mg/kg	U
West canyon	21-11231	MD21-01-0102	5.8–6	Qbt 3	Dichlorobenzene[1,2-]	0.36	mg/kg	U
West canyon	21-11231	MD21-01-0102	5.8–6	Qbt 3	Dichlorobenzene[1,3-]	0.36	mg/kg	U
West canyon	21-11231	MD21-01-0102	5.8–6	Qbt 3	Dichlorobenzene[1,4-]	0.36	mg/kg	U
West canyon	21-11231	MD21-01-0102	5.8–6	Qbt 3	Dichlorobenzidine[3,3'-]	1.7	mg/kg	U
West canyon	21-11231	MD21-01-0102	5.8–6	Qbt 3	Dichlorophenol[2,4-]	0.36	mg/kg	U
West canyon	21-11231	MD21-01-0102	5.8–6	Qbt 3	Diethylphthalate	0.36	mg/kg	U
West canyon	21-11231	MD21-01-0102	5.8–6	Qbt 3	Dimethyl phthalate	0.36	mg/kg	U
West canyon	21-11231	MD21-01-0102	5.8–6	Qbt 3	Dimethylphenol[2,4-]	0.36	mg/kg	U
West canyon	21-11231	MD21-01-0102	5.8–6	Qbt 3	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
West canyon	21-11231	MD21-01-0102	5.8–6	Qbt 3	Dinitrophenol[2,4-]	1.7	mg/kg	U
West canyon	21-11231	MD21-01-0102	5.8–6	Qbt 3	Dinitrotoluene[2,4-]	0.36	mg/kg	U
West canyon	21-11231	MD21-01-0102	5.8–6	Qbt 3	Dinitrotoluene[2,6-]	0.36	mg/kg	U
West canyon	21-11231	MD21-01-0102	5.8–6	Qbt 3	Hexachlorobenzene	0.36	mg/kg	U
West canyon	21-11231	MD21-01-0102	5.8–6	Qbt 3	Hexachlorobutadiene	0.36	mg/kg	U
West canyon	21-11231	MD21-01-0102	5.8–6	Qbt 3	Hexachlorocyclopentadiene	1.7	mg/kg	U
West canyon	21-11231	MD21-01-0102	5.8–6	Qbt 3	Hexachloroethane	0.36	mg/kg	U
West canyon	21-11231	MD21-01-0102	5.8–6	Qbt 3	Indeno(1,2,3-cd)pyrene	0.36	mg/kg	U
West canyon	21-11231	MD21-01-0102	5.8–6	Qbt 3	Isophorone	0.36	mg/kg	U
West canyon	21-11231	MD21-01-0102	5.8–6	Qbt 3	Methylphenol[2-]	0.36	mg/kg	U
West canyon	21-11231	MD21-01-0102	5.8–6	Qbt 3	Methylphenol[4-]	0.36	mg/kg	U
West canyon	21-11231	MD21-01-0102	5.8–6	Qbt 3	Nitroaniline[2-]	1.7	mg/kg	U
West canyon	21-11231	MD21-01-0102	5.8–6	Qbt 3	Nitroaniline[3-]	1.7	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11231	MD21-01-0102	5.8–6	Qbt 3	Nitroaniline[4-]	1.7	mg/kg	U
West canyon	21-11231	MD21-01-0102	5.8–6	Qbt 3	Nitrobenzene	0.36	mg/kg	U
West canyon	21-11231	MD21-01-0102	5.8–6	Qbt 3	Nitrophenol[2-]	0.36	mg/kg	U
West canyon	21-11231	MD21-01-0102	5.8–6	Qbt 3	Nitrophenol[4-]	1.7	mg/kg	U
West canyon	21-11231	MD21-01-0102	5.8–6	Qbt 3	Nitroso-di-n-propylamine[N-]	0.36	mg/kg	U
West canyon	21-11231	MD21-01-0102	5.8–6	Qbt 3	Nitrosodimethylamine[N-]	0.36	mg/kg	U
West canyon	21-11231	MD21-01-0102	5.8–6	Qbt 3	Nitrosodiphenylamine[N-]	0.36	mg/kg	U
West canyon	21-11231	MD21-01-0102	5.8–6	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.36	mg/kg	U
West canyon	21-11231	MD21-01-0102	5.8–6	Qbt 3	Pentachlorophenol	1.7	mg/kg	U
West canyon	21-11231	MD21-01-0102	5.8–6	Qbt 3	Phenol	0.36	mg/kg	U
West canyon	21-11231	MD21-01-0102	5.8–6	Qbt 3	Trichlorobenzene[1,2,4-]	0.36	mg/kg	U
West canyon	21-11231	MD21-01-0102	5.8–6	Qbt 3	Trichlorophenol[2,4,5-]	0.36	mg/kg	U
West canyon	21-11231	MD21-01-0102	5.8–6	Qbt 3	Trichlorophenol[2,4,6-]	0.36	mg/kg	U
West canyon	21-11231	MD21-01-0102	5.8–6	Qbt 3	Trimethylbenzene[1,2,4-]	0.0062	mg/kg	U
West canyon	21-11231	MD21-01-0102	5.8–6	Qbt 3	Trimethylbenzene[1,3,5-]	0.0062	mg/kg	U
West canyon	21-11231	MD21-01-0103	24–25	Qbt 3	Aluminum	1140	mg/kg	None
West canyon	21-11231	MD21-01-0103	24–25	Qbt 3	Antimony	0.26	mg/kg	UJ
West canyon	21-11231	MD21-01-0103	24–25	Qbt 3	Arsenic	1.3	mg/kg	None
West canyon	21-11231	MD21-01-0103	24–25	Qbt 3	Barium	9.4	mg/kg	J
West canyon	21-11231	MD21-01-0103	24–25	Qbt 3	Beryllium	0.52	mg/kg	J
West canyon	21-11231	MD21-01-0103	24–25	Qbt 3	Cadmium	0.027	mg/kg	U
West canyon	21-11231	MD21-01-0103	24–25	Qbt 3	Calcium	163	mg/kg	J
West canyon	21-11231	MD21-01-0103	24–25	Qbt 3	Chromium, total	0.58	mg/kg	J
West canyon	21-11231	MD21-01-0103	24–25	Qbt 3	Cobalt	0.58	mg/kg	J
West canyon	21-11231	MD21-01-0103	24–25	Qbt 3	Copper	1.8	mg/kg	J
West canyon	21-11231	MD21-01-0103	24–25	Qbt 3	Iron	5990	mg/kg	None
West canyon	21-11231	MD21-01-0103	24–25	Qbt 3	Magnesium	113	mg/kg	J
West canyon	21-11231	MD21-01-0103	24–25	Qbt 3	Manganese	244	mg/kg	J-
West canyon	21-11231	MD21-01-0103	24–25	Qbt 3	Mercury	0.017	mg/kg	U
West canyon	21-11231	MD21-01-0103	24–25	Qbt 3	Nickel	0.55	mg/kg	J+
West canyon	21-11231	MD21-01-0103	24–25	Qbt 3	Potassium	223	mg/kg	J
West canyon	21-11231	MD21-01-0103	24–25	Qbt 3	Selenium	0.13	mg/kg	U
West canyon	21-11231	MD21-01-0103	24–25	Qbt 3	Silver	0.14	mg/kg	U
West canyon	21-11231	MD21-01-0103	24–25	Qbt 3	Sodium	135	mg/kg	J
West canyon	21-11231	MD21-01-0103	24–25	Qbt 3	Thallium	0.14	mg/kg	U
West canyon	21-11231	MD21-01-0103	24–25	Qbt 3	Vanadium	2.6	mg/kg	J
West canyon	21-11231	MD21-01-0103	24–25	Qbt 3	Zinc	30.2	mg/kg	None
West canyon	21-11231	MD21-01-0103	24–25	Qbt 3	Acenaphthylene	0.34	mg/kg	U
West canyon	21-11231	MD21-01-0103	24–25	Qbt 3	Aniline	0.34	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11231	MD21-01-0103	24–25	Qbt 3	Azobenzene	0.34	mg/kg	U
West canyon	21-11231	MD21-01-0103	24–25	Qbt 3	Benzo(g,h,i)perylene	0.34	mg/kg	U
West canyon	21-11231	MD21-01-0103	24–25	Qbt 3	Benzoic acid	1.7	mg/kg	U
West canyon	21-11231	MD21-01-0103	24–25	Qbt 3	Benzyl alcohol	0.34	mg/kg	U
West canyon	21-11231	MD21-01-0103	24–25	Qbt 3	Bis(2-chloroethoxy)methane	0.34	mg/kg	U
West canyon	21-11231	MD21-01-0103	24–25	Qbt 3	Bis(2-chloroethyl)ether	0.34	mg/kg	U
West canyon	21-11231	MD21-01-0103	24–25	Qbt 3	Bis(2-ethylhexyl)phthalate	0.34	mg/kg	U
West canyon	21-11231	MD21-01-0103	24–25	Qbt 3	Bromophenyl-phenylether[4-]	0.34	mg/kg	U
West canyon	21-11231	MD21-01-0103	24–25	Qbt 3	Butylbenzylphthalate	0.34	mg/kg	U
West canyon	21-11231	MD21-01-0103	24–25	Qbt 3	Chloro-3-methylphenol[4-]	0.34	mg/kg	U
West canyon	21-11231	MD21-01-0103	24–25	Qbt 3	Chloroaniline[4-]	0.34	mg/kg	U
West canyon	21-11231	MD21-01-0103	24–25	Qbt 3	Chloronaphthalene[2-]	0.34	mg/kg	U
West canyon	21-11231	MD21-01-0103	24–25	Qbt 3	Chlorophenol[2-]	0.34	mg/kg	U
West canyon	21-11231	MD21-01-0103	24–25	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.34	mg/kg	U
West canyon	21-11231	MD21-01-0103	24–25	Qbt 3	Di-n-butylphthalate	0.34	mg/kg	U
West canyon	21-11231	MD21-01-0103	24–25	Qbt 3	Di-n-octylphthalate	0.34	mg/kg	U
West canyon	21-11231	MD21-01-0103	24–25	Qbt 3	Dibenzofuran	0.34	mg/kg	U
West canyon	21-11231	MD21-01-0103	24–25	Qbt 3	Dichlorobenzene[1,2-]	0.34	mg/kg	U
West canyon	21-11231	MD21-01-0103	24–25	Qbt 3	Dichlorobenzene[1,3-]	0.34	mg/kg	U
West canyon	21-11231	MD21-01-0103	24–25	Qbt 3	Dichlorobenzene[1,4-]	0.34	mg/kg	U
West canyon	21-11231	MD21-01-0103	24–25	Qbt 3	Dichlorobenzidine[3,3'-]	1.7	mg/kg	U
West canyon	21-11231	MD21-01-0103	24–25	Qbt 3	Dichlorophenol[2,4-]	0.34	mg/kg	U
West canyon	21-11231	MD21-01-0103	24–25	Qbt 3	Diethylphthalate	0.34	mg/kg	U
West canyon	21-11231	MD21-01-0103	24–25	Qbt 3	Dimethyl phthalate	0.34	mg/kg	U
West canyon	21-11231	MD21-01-0103	24–25	Qbt 3	Dimethylphenol[2,4-]	0.34	mg/kg	U
West canyon	21-11231	MD21-01-0103	24–25	Qbt 3	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
West canyon	21-11231	MD21-01-0103	24–25	Qbt 3	Dinitrophenol[2,4-]	1.7	mg/kg	U
West canyon	21-11231	MD21-01-0103	24–25	Qbt 3	Dinitrotoluene[2,4-]	0.34	mg/kg	U
West canyon	21-11231	MD21-01-0103	24–25	Qbt 3	Dinitrotoluene[2,6-]	0.34	mg/kg	U
West canyon	21-11231	MD21-01-0103	24–25	Qbt 3	Hexachlorobenzene	0.34	mg/kg	U
West canyon	21-11231	MD21-01-0103	24–25	Qbt 3	Hexachlorobutadiene	0.34	mg/kg	U
West canyon	21-11231	MD21-01-0103	24–25	Qbt 3	Hexachlorocyclopentadiene	1.7	mg/kg	U
West canyon	21-11231	MD21-01-0103	24–25	Qbt 3	Hexachloroethane	0.34	mg/kg	U
West canyon	21-11231	MD21-01-0103	24–25	Qbt 3	Indeno(1,2,3-cd)pyrene	0.34	mg/kg	U
West canyon	21-11231	MD21-01-0103	24–25	Qbt 3	Isophorone	0.34	mg/kg	U
West canyon	21-11231	MD21-01-0103	24–25	Qbt 3	Methylphenol[2-]	0.34	mg/kg	U
West canyon	21-11231	MD21-01-0103	24–25	Qbt 3	Methylphenol[4-]	0.34	mg/kg	U
West canyon	21-11231	MD21-01-0103	24–25	Qbt 3	Nitroaniline[2-]	1.7	mg/kg	U
West canyon	21-11231	MD21-01-0103	24–25	Qbt 3	Nitroaniline[3-]	1.7	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11231	MD21-01-0103	24–25	Qbt 3	Nitroaniline[4-]	1.7	mg/kg	U
West canyon	21-11231	MD21-01-0103	24–25	Qbt 3	Nitrobenzene	0.34	mg/kg	U
West canyon	21-11231	MD21-01-0103	24–25	Qbt 3	Nitrophenol[2-]	0.34	mg/kg	U
West canyon	21-11231	MD21-01-0103	24–25	Qbt 3	Nitrophenol[4-]	1.7	mg/kg	U
West canyon	21-11231	MD21-01-0103	24–25	Qbt 3	Nitroso-di-n-propylamine[N-]	0.34	mg/kg	U
West canyon	21-11231	MD21-01-0103	24–25	Qbt 3	Nitrosodimethylamine[N-]	0.34	mg/kg	U
West canyon	21-11231	MD21-01-0103	24–25	Qbt 3	Nitrosodiphenylamine[N-]	0.34	mg/kg	U
West canyon	21-11231	MD21-01-0103	24–25	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.34	mg/kg	U
West canyon	21-11231	MD21-01-0103	24–25	Qbt 3	Pentachlorophenol	1.7	mg/kg	U
West canyon	21-11231	MD21-01-0103	24–25	Qbt 3	Phenol	0.34	mg/kg	U
West canyon	21-11231	MD21-01-0103	24–25	Qbt 3	Trichlorobenzene[1,2,4-]	0.34	mg/kg	U
West canyon	21-11231	MD21-01-0103	24–25	Qbt 3	Trichlorophenol[2,4,5-]	0.34	mg/kg	U
West canyon	21-11231	MD21-01-0103	24–25	Qbt 3	Trichlorophenol[2,4,6-]	0.34	mg/kg	U
West canyon	21-11231	MD21-01-0103	24–25	Qbt 3	Trimethylbenzene[1,2,4-]	0.0059	mg/kg	U
West canyon	21-11231	MD21-01-0103	24–25	Qbt 3	Trimethylbenzene[1,3,5-]	0.0059	mg/kg	U
West canyon	21-11231	MD21-01-0104	29–30	Qbt 3	Aluminum	1520	mg/kg	None
West canyon	21-11231	MD21-01-0104	29–30	Qbt 3	Antimony	0.26	mg/kg	UJ
West canyon	21-11231	MD21-01-0104	29–30	Qbt 3	Arsenic	1.4	mg/kg	None
West canyon	21-11231	MD21-01-0104	29–30	Qbt 3	Barium	11.9	mg/kg	J
West canyon	21-11231	MD21-01-0104	29–30	Qbt 3	Beryllium	0.57	mg/kg	None
West canyon	21-11231	MD21-01-0104	29–30	Qbt 3	Cadmium	0.027	mg/kg	U
West canyon	21-11231	MD21-01-0104	29–30	Qbt 3	Calcium	173	mg/kg	J
West canyon	21-11231	MD21-01-0104	29–30	Qbt 3	Chromium, total	0.41	mg/kg	J
West canyon	21-11231	MD21-01-0104	29–30	Qbt 3	Cobalt	0.59	mg/kg	J
West canyon	21-11231	MD21-01-0104	29–30	Qbt 3	Copper	1.8	mg/kg	J
West canyon	21-11231	MD21-01-0104	29–30	Qbt 3	Iron	5920	mg/kg	None
West canyon	21-11231	MD21-01-0104	29–30	Qbt 3	Magnesium	1158	mg/kg	J
West canyon	21-11231	MD21-01-0104	29–30	Qbt 3	Manganese	208	mg/kg	J-
West canyon	21-11231	MD21-01-0104	29–30	Qbt 3	Mercury	0.018	mg/kg	U
West canyon	21-11231	MD21-01-0104	29–30	Qbt 3	Nickel	0.5	mg/kg	J+
West canyon	21-11231	MD21-01-0104	29–30	Qbt 3	Potassium	246	mg/kg	J
West canyon	21-11231	MD21-01-0104	29–30	Qbt 3	Selenium	0.13	mg/kg	U
West canyon	21-11231	MD21-01-0104	29–30	Qbt 3	Silver	0.14	mg/kg	U
West canyon	21-11231	MD21-01-0104	29–30	Qbt 3	Sodium	127	mg/kg	J
West canyon	21-11231	MD21-01-0104	29–30	Qbt 3	Thallium	0.14	mg/kg	U
West canyon	21-11231	MD21-01-0104	29–30	Qbt 3	Vanadium	2.5	mg/kg	J
West canyon	21-11231	MD21-01-0104	29–30	Qbt 3	Zinc	30.5	mg/kg	
West canyon	21-11231	MD21-01-0104	29–30	Qbt 3	Acenaphthylene	0.35	mg/kg	U
West canyon	21-11231	MD21-01-0104	29–30	Qbt 3	Aniline	0.35	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11231	MD21-01-0104	29–30	Qbt 3	Azobenzene	0.35	mg/kg	U
West canyon	21-11231	MD21-01-0104	29–30	Qbt 3	Benzo(g,h,i)perylene	0.35	mg/kg	U
West canyon	21-11231	MD21-01-0104	29–30	Qbt 3	Benzoic acid	1.7	mg/kg	U
West canyon	21-11231	MD21-01-0104	29–30	Qbt 3	Benzyl alcohol	0.35	mg/kg	U
West canyon	21-11231	MD21-01-0104	29–30	Qbt 3	Bis(2-chloroethoxy)methane	0.35	mg/kg	U
West canyon	21-11231	MD21-01-0104	29–30	Qbt 3	Bis(2-chloroethyl)ether	0.35	mg/kg	U
West canyon	21-11231	MD21-01-0104	29–30	Qbt 3	Bis(2-ethylhexyl)phthalate	0.35	mg/kg	U
West canyon	21-11231	MD21-01-0104	29–30	Qbt 3	Bromophenyl-phenylether[4-]	0.35	mg/kg	U
West canyon	21-11231	MD21-01-0104	29–30	Qbt 3	Butylbenzylphthalate	0.35	mg/kg	U
West canyon	21-11231	MD21-01-0104	29–30	Qbt 3	Chloro-3-methylphenol[4-]	0.35	mg/kg	U
West canyon	21-11231	MD21-01-0104	29–30	Qbt 3	Chloroaniline[4-]	0.35	mg/kg	U
West canyon	21-11231	MD21-01-0104	29–30	Qbt 3	Chloronaphthalene[2-]	0.35	mg/kg	U
West canyon	21-11231	MD21-01-0104	29–30	Qbt 3	Chlorophenol[2-]	0.35	mg/kg	U
West canyon	21-11231	MD21-01-0104	29–30	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.35	mg/kg	U
West canyon	21-11231	MD21-01-0104	29–30	Qbt 3	Di-n-butylphthalate	0.35	mg/kg	U
West canyon	21-11231	MD21-01-0104	29–30	Qbt 3	Di-n-octylphthalate	0.35	mg/kg	U
West canyon	21-11231	MD21-01-0104	29–30	Qbt 3	Dibenzofuran	0.35	mg/kg	U
West canyon	21-11231	MD21-01-0104	29–30	Qbt 3	Dichlorobenzene[1,2-]	0.35	mg/kg	U
West canyon	21-11231	MD21-01-0104	29–30	Qbt 3	Dichlorobenzene[1,3-]	0.35	mg/kg	U
West canyon	21-11231	MD21-01-0104	29–30	Qbt 3	Dichlorobenzene[1,4-]	0.35	mg/kg	U
West canyon	21-11231	MD21-01-0104	29–30	Qbt 3	Dichlorobenzidine[3,3'-]	1.7	mg/kg	U
West canyon	21-11231	MD21-01-0104	29–30	Qbt 3	Dichlorophenol[2,4-]	0.35	mg/kg	U
West canyon	21-11231	MD21-01-0104	29–30	Qbt 3	Diethylphthalate	0.35	mg/kg	U
West canyon	21-11231	MD21-01-0104	29–30	Qbt 3	Dimethyl phthalate	0.35	mg/kg	U
West canyon	21-11231	MD21-01-0104	29–30	Qbt 3	Dimethylphenol[2,4-]	0.35	mg/kg	U
West canyon	21-11231	MD21-01-0104	29–30	Qbt 3	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
West canyon	21-11231	MD21-01-0104	29–30	Qbt 3	Dinitrophenol[2,4-]	1.7	mg/kg	U
West canyon	21-11231	MD21-01-0104	29–30	Qbt 3	Dinitrotoluene[2,4-]	0.35	mg/kg	U
West canyon	21-11231	MD21-01-0104	29–30	Qbt 3	Dinitrotoluene[2,6-]	0.35	mg/kg	U
West canyon	21-11231	MD21-01-0104	29–30	Qbt 3	Hexachlorobenzene	0.35	mg/kg	U
West canyon	21-11231	MD21-01-0104	29–30	Qbt 3	Hexachlorobutadiene	0.35	mg/kg	U
West canyon	21-11231	MD21-01-0104	29–30	Qbt 3	Hexachlorocyclopentadiene	1.7	mg/kg	U
West canyon	21-11231	MD21-01-0104	29–30	Qbt 3	Hexachloroethane	0.35	mg/kg	U
West canyon	21-11231	MD21-01-0104	29–30	Qbt 3	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	U
West canyon	21-11231	MD21-01-0104	29–30	Qbt 3	Isophorone	0.35	mg/kg	U
West canyon	21-11231	MD21-01-0104	29–30	Qbt 3	Methylphenol[2-]	0.35	mg/kg	U
West canyon	21-11231	MD21-01-0104	29–30	Qbt 3	Methylphenol[4-]	0.35	mg/kg	U
West canyon	21-11231	MD21-01-0104	29–30	Qbt 3	Nitroaniline[2-]	1.7	mg/kg	U
West canyon	21-11231	MD21-01-0104	29–30	Qbt 3	Nitroaniline[3-]	1.7	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11231	MD21-01-0104	29–30	Qbt 3	Nitroaniline[4-]	1.7	mg/kg	U
West canyon	21-11231	MD21-01-0104	29–30	Qbt 3	Nitrobenzene	0.35	mg/kg	U
West canyon	21-11231	MD21-01-0104	29–30	Qbt 3	Nitrophenol[2-]	0.35	mg/kg	U
West canyon	21-11231	MD21-01-0104	29–30	Qbt 3	Nitrophenol[4-]	1.7	mg/kg	U
West canyon	21-11231	MD21-01-0104	29–30	Qbt 3	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	U
West canyon	21-11231	MD21-01-0104	29–30	Qbt 3	Nitrosodimethylamine[N-]	0.35	mg/kg	U
West canyon	21-11231	MD21-01-0104	29–30	Qbt 3	Nitrosodiphenylamine[N-]	0.35	mg/kg	U
West canyon	21-11231	MD21-01-0104	29–30	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	U
West canyon	21-11231	MD21-01-0104	29–30	Qbt 3	Pentachlorophenol	1.7	mg/kg	U
West canyon	21-11231	MD21-01-0104	29–30	Qbt 3	Phenol	0.35	mg/kg	U
West canyon	21-11231	MD21-01-0104	29–30	Qbt 3	Trichlorobenzene[1,2,4-]	0.35	mg/kg	U
West canyon	21-11231	MD21-01-0104	29–30	Qbt 3	Trichlorophenol[2,4,5-]	0.35	mg/kg	U
West canyon	21-11231	MD21-01-0104	29–30	Qbt 3	Trichlorophenol[2,4,6-]	0.35	mg/kg	U
West canyon	21-11231	MD21-01-0104	29–30	Qbt 3	Trimethylbenzene[1,2,4-]	0.006	mg/kg	U
West canyon	21-11231	MD21-01-0104	29–30	Qbt 3	Trimethylbenzene[1,3,5-]	0.006	mg/kg	U
West canyon	21-11231	MD21-01-0105	34–35	Qbt 3	Aluminum	10500	mg/kg	None
West canyon	21-11231	MD21-01-0105	34–35	Qbt 3	Antimony	0.28	mg/kg	UJ
West canyon	21-11231	MD21-01-0105	34–35	Qbt 3	Arsenic	3.4	mg/kg	None
West canyon	21-11231	MD21-01-0105	34–35	Qbt 3	Barium	71.2	mg/kg	None
West canyon	21-11231	MD21-01-0105	34–35	Qbt 3	Beryllium	1.2	mg/kg	None
West canyon	21-11231	MD21-01-0105	34–35	Qbt 3	Cadmium	0.029	mg/kg	U
West canyon	21-11231	MD21-01-0105	34–35	Qbt 3	Calcium	1510	mg/kg	None
West canyon	21-11231	MD21-01-0105	34–35	Qbt 3	Chromium, total	5.4	mg/kg	None
West canyon	21-11231	MD21-01-0105	34–35	Qbt 3	Cobalt	3.7	mg/kg	J
West canyon	21-11231	MD21-01-0105	34–35	Qbt 3	Copper	6.2	mg/kg	None
West canyon	21-11231	MD21-01-0105	34–35	Qbt 3	Iron	13200	mg/kg	None
West canyon	21-11231	MD21-01-0105	34–35	Qbt 3	Magnesium	1110	mg/kg	None
West canyon	21-11231	MD21-01-0105	34–35	Qbt 3	Manganese	235	mg/kg	J-
West canyon	21-11231	MD21-01-0105	34–35	Qbt 3	Mercury	0.019	mg/kg	J
West canyon	21-11231	MD21-01-0105	34–35	Qbt 3	Nickel	3.9	mg/kg	J+
West canyon	21-11231	MD21-01-0105	34–35	Qbt 3	Potassium	860	mg/kg	None
West canyon	21-11231	MD21-01-0105	34–35	Qbt 3	Selenium	0.19	mg/kg	J
West canyon	21-11231	MD21-01-0105	34–35	Qbt 3	Silver	0.15	mg/kg	U
West canyon	21-11231	MD21-01-0105	34–35	Qbt 3	Sodium	147	mg/kg	J
West canyon	21-11231	MD21-01-0105	34–35	Qbt 3	Thallium	0.15	mg/kg	U
West canyon	21-11231	MD21-01-0105	34–35	Qbt 3	Vanadium	13.1	mg/kg	None
West canyon	21-11231	MD21-01-0105	34–35	Qbt 3	Zinc	39.5	mg/kg	None
West canyon	21-11231	MD21-01-0105	34–35	Qbt 3	Acenaphthylene	0.37	mg/kg	U
West canyon	21-11231	MD21-01-0105	34–35	Qbt 3	Aniline	0.37	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11231	MD21-01-0105	34–35	Qbt 3	Azobenzene	0.37	mg/kg	U
West canyon	21-11231	MD21-01-0105	34–35	Qbt 3	Benzo(g,h,i)perylene	0.37	mg/kg	U
West canyon	21-11231	MD21-01-0105	34–35	Qbt 3	Benzoic acid	1.8	mg/kg	U
West canyon	21-11231	MD21-01-0105	34–35	Qbt 3	Benzyl alcohol	0.37	mg/kg	U
West canyon	21-11231	MD21-01-0105	34–35	Qbt 3	Bis(2-chloroethoxy)methane	0.37	mg/kg	U
West canyon	21-11231	MD21-01-0105	34–35	Qbt 3	Bis(2-chloroethyl)ether	0.37	mg/kg	U
West canyon	21-11231	MD21-01-0105	34–35	Qbt 3	Bis(2-ethylhexyl)phthalate	0.37	mg/kg	U
West canyon	21-11231	MD21-01-0105	34–35	Qbt 3	Bromophenyl-phenylether[4-]	0.37	mg/kg	U
West canyon	21-11231	MD21-01-0105	34–35	Qbt 3	Butylbenzylphthalate	0.37	mg/kg	U
West canyon	21-11231	MD21-01-0105	34–35	Qbt 3	Chloro-3-methylphenol[4-]	0.37	mg/kg	U
West canyon	21-11231	MD21-01-0105	34–35	Qbt 3	Chloroaniline[4-]	0.37	mg/kg	U
West canyon	21-11231	MD21-01-0105	34–35	Qbt 3	Chloronaphthalene[2-]	0.37	mg/kg	U
West canyon	21-11231	MD21-01-0105	34–35	Qbt 3	Chlorophenol[2-]	0.37	mg/kg	U
West canyon	21-11231	MD21-01-0105	34–35	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.37	mg/kg	U
West canyon	21-11231	MD21-01-0105	34–35	Qbt 3	Di-n-butylphthalate	0.37	mg/kg	U
West canyon	21-11231	MD21-01-0105	34–35	Qbt 3	Di-n-octylphthalate	0.37	mg/kg	U
West canyon	21-11231	MD21-01-0105	34–35	Qbt 3	Dibenzofuran	0.37	mg/kg	U
West canyon	21-11231	MD21-01-0105	34–35	Qbt 3	Dichlorobenzene[1,2-]	0.37	mg/kg	U
West canyon	21-11231	MD21-01-0105	34–35	Qbt 3	Dichlorobenzene[1,3-]	0.37	mg/kg	U
West canyon	21-11231	MD21-01-0105	34–35	Qbt 3	Dichlorobenzene[1,4-]	0.37	mg/kg	U
West canyon	21-11231	MD21-01-0105	34–35	Qbt 3	Dichlorobenzidine[3,3'-]	1.8	mg/kg	U
West canyon	21-11231	MD21-01-0105	34–35	Qbt 3	Dichlorophenol[2,4-]	0.37	mg/kg	U
West canyon	21-11231	MD21-01-0105	34–35	Qbt 3	Diethylphthalate	0.37	mg/kg	U
West canyon	21-11231	MD21-01-0105	34–35	Qbt 3	Dimethyl phthalate	0.37	mg/kg	U
West canyon	21-11231	MD21-01-0105	34–35	Qbt 3	Dimethylphenol[2,4-]	0.37	mg/kg	U
West canyon	21-11231	MD21-01-0105	34–35	Qbt 3	Dinitro-2-methylphenol[4,6-]	1.8	mg/kg	U
West canyon	21-11231	MD21-01-0105	34–35	Qbt 3	Dinitrophenol[2,4-]	1.8	mg/kg	U
West canyon	21-11231	MD21-01-0105	34–35	Qbt 3	Dinitrotoluene[2,4-]	0.37	mg/kg	U
West canyon	21-11231	MD21-01-0105	34–35	Qbt 3	Dinitrotoluene[2,6-]	0.37	mg/kg	U
West canyon	21-11231	MD21-01-0105	34–35	Qbt 3	Hexachlorobenzene	0.37	mg/kg	U
West canyon	21-11231	MD21-01-0105	34–35	Qbt 3	Hexachlorobutadiene	0.37	mg/kg	U
West canyon	21-11231	MD21-01-0105	34–35	Qbt 3	Hexachlorocyclopentadiene	1.8	mg/kg	U
West canyon	21-11231	MD21-01-0105	34–35	Qbt 3	Hexachloroethane	0.37	mg/kg	U
West canyon	21-11231	MD21-01-0105	34–35	Qbt 3	Indeno(1,2,3-cd)pyrene	0.37	mg/kg	U
West canyon	21-11231	MD21-01-0105	34–35	Qbt 3	Isophorone	0.37	mg/kg	U
West canyon	21-11231	MD21-01-0105	34–35	Qbt 3	Methylphenol[2-]	0.37	mg/kg	U
West canyon	21-11231	MD21-01-0105	34–35	Qbt 3	Methylphenol[4-]	0.37	mg/kg	U
West canyon	21-11231	MD21-01-0105	34–35	Qbt 3	Nitroaniline[2-]	1.8	mg/kg	U
West canyon	21-11231	MD21-01-0105	34–35	Qbt 3	Nitroaniline[3-]	1.8	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11231	MD21-01-0105	34–35	Qbt 3	Nitroaniline[4-]	1.8	mg/kg	U
West canyon	21-11231	MD21-01-0105	34–35	Qbt 3	Nitrobenzene	0.37	mg/kg	U
West canyon	21-11231	MD21-01-0105	34–35	Qbt 3	Nitrophenol[2-]	0.37	mg/kg	U
West canyon	21-11231	MD21-01-0105	34–35	Qbt 3	Nitrophenol[4-]	1.8	mg/kg	U
West canyon	21-11231	MD21-01-0105	34–35	Qbt 3	Nitroso-di-n-propylamine[N-]	0.37	mg/kg	U
West canyon	21-11231	MD21-01-0105	34–35	Qbt 3	Nitrosodimethylamine[N-]	0.37	mg/kg	U
West canyon	21-11231	MD21-01-0105	34–35	Qbt 3	Nitrosodiphenylamine[N-]	0.37	mg/kg	U
West canyon	21-11231	MD21-01-0105	34–35	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.37	mg/kg	U
West canyon	21-11231	MD21-01-0105	34–35	Qbt 3	Pentachlorophenol	1.8	mg/kg	U
West canyon	21-11231	MD21-01-0105	34–35	Qbt 3	Phenol	0.37	mg/kg	U
West canyon	21-11231	MD21-01-0105	34–35	Qbt 3	Trichlorobenzene[1,2,4-]	0.37	mg/kg	U
West canyon	21-11231	MD21-01-0105	34–35	Qbt 3	Trichlorophenol[2,4,5-]	0.37	mg/kg	U
West canyon	21-11231	MD21-01-0105	34–35	Qbt 3	Trichlorophenol[2,4,6-]	0.37	mg/kg	U
West canyon	21-11231	MD21-01-0105	34–35	Qbt 3	Trimethylbenzene[1,2,4-]	0.0051	mg/kg	U
West canyon	21-11231	MD21-01-0105	34–35	Qbt 3	Trimethylbenzene[1,3,5-]	0.0051	mg/kg	U
West canyon	21-11231	MD21-01-0106	38.8–39.8	Qbt 3	Aluminum	6340	mg/kg	None
West canyon	21-11231	MD21-01-0106	38.8–39.8	Qbt 3	Antimony	0.28	mg/kg	U
West canyon	21-11231	MD21-01-0106	38.8–39.8	Qbt 3	Arsenic	2.4	mg/kg	None
West canyon	21-11231	MD21-01-0106	38.8–39.8	Qbt 3	Barium	24.5	mg/kg	None
West canyon	21-11231	MD21-01-0106	38.8–39.8	Qbt 3	Beryllium	1.2	mg/kg	None
West canyon	21-11231	MD21-01-0106	38.8–39.8	Qbt 3	Cadmium	0.029	mg/kg	U
West canyon	21-11231	MD21-01-0106	38.8–39.8	Qbt 3	Calcium	646	mg/kg	None
West canyon	21-11231	MD21-01-0106	38.8–39.8	Qbt 3	Chromium, total	2.9	mg/kg	None
West canyon	21-11231	MD21-01-0106	38.8–39.8	Qbt 3	Cobalt	1.1	mg/kg	J
West canyon	21-11231	MD21-01-0106	38.8–39.8	Qbt 3	Copper	3	mg/kg	None
West canyon	21-11231	MD21-01-0106	38.8–39.8	Qbt 3	Iron	8730	mg/kg	None
West canyon	21-11231	MD21-01-0106	38.8–39.8	Qbt 3	Magnesium	569	mg/kg	None
West canyon	21-11231	MD21-01-0106	38.8–39.8	Qbt 3	Manganese	222	mg/kg	None
West canyon	21-11231	MD21-01-0106	38.8–39.8	Qbt 3	Mercury	0.019	mg/kg	U
West canyon	21-11231	MD21-01-0106	38.8–39.8	Qbt 3	Nickel	2.1	mg/kg	J
West canyon	21-11231	MD21-01-0106	38.8–39.8	Qbt 3	Potassium	536	mg/kg	J
West canyon	21-11231	MD21-01-0106	38.8–39.8	Qbt 3	Selenium	0.13	mg/kg	UJ
West canyon	21-11231	MD21-01-0106	38.8–39.8	Qbt 3	Silver	0.47	mg/kg	U
West canyon	21-11231	MD21-01-0106	38.8–39.8	Qbt 3	Sodium	108	mg/kg	J
West canyon	21-11231	MD21-01-0106	38.8–39.8	Qbt 3	Thallium	0.14	mg/kg	U
West canyon	21-11231	MD21-01-0106	38.8–39.8	Qbt 3	Vanadium	6	mg/kg	None
West canyon	21-11231	MD21-01-0106	38.8–39.8	Qbt 3	Zinc	42.7	mg/kg	None
West canyon	21-11231	MD21-01-0106	38.8–39.8	Qbt 3	Acenaphthylene	0.36	mg/kg	UJ
West canyon	21-11231	MD21-01-0106	38.8–39.8	Qbt 3	Aniline	0.36	mg/kg	UJ

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11231	MD21-01-0106	38.8–39.8	Qbt 3	Azobenzene	0.36	mg/kg	UJ
West canyon	21-11231	MD21-01-0106	38.8–39.8	Qbt 3	Benzo(g,h,i)perylene	0.36	mg/kg	UJ
West canyon	21-11231	MD21-01-0106	38.8–39.8	Qbt 3	Benzoic acid	1.7	mg/kg	UJ
West canyon	21-11231	MD21-01-0106	38.8–39.8	Qbt 3	Benzyl alcohol	0.36	mg/kg	UJ
West canyon	21-11231	MD21-01-0106	38.8–39.8	Qbt 3	Bis(2-chloroethoxy)methane	0.36	mg/kg	UJ
West canyon	21-11231	MD21-01-0106	38.8–39.8	Qbt 3	Bis(2-chloroethyl)ether	0.36	mg/kg	UJ
West canyon	21-11231	MD21-01-0106	38.8–39.8	Qbt 3	Bis(2-ethylhexyl)phthalate	0.36	mg/kg	UJ
West canyon	21-11231	MD21-01-0106	38.8–39.8	Qbt 3	Bromophenyl-phenylether[4-]	0.36	mg/kg	UJ
West canyon	21-11231	MD21-01-0106	38.8–39.8	Qbt 3	Butylbenzylphthalate	0.36	mg/kg	UJ
West canyon	21-11231	MD21-01-0106	38.8–39.8	Qbt 3	Chloro-3-methylphenol[4-]	0.36	mg/kg	UJ
West canyon	21-11231	MD21-01-0106	38.8–39.8	Qbt 3	Chloroaniline[4-]	0.36	mg/kg	UJ
West canyon	21-11231	MD21-01-0106	38.8–39.8	Qbt 3	Chloronaphthalene[2-]	0.36	mg/kg	UJ
West canyon	21-11231	MD21-01-0106	38.8–39.8	Qbt 3	Chlorophenol[2-]	0.36	mg/kg	UJ
West canyon	21-11231	MD21-01-0106	38.8–39.8	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.36	mg/kg	UJ
West canyon	21-11231	MD21-01-0106	38.8–39.8	Qbt 3	Di-n-butylphthalate	0.36	mg/kg	UJ
West canyon	21-11231	MD21-01-0106	38.8–39.8	Qbt 3	Di-n-octylphthalate	0.36	mg/kg	UJ
West canyon	21-11231	MD21-01-0106	38.8–39.8	Qbt 3	Dibenzofuran	0.36	mg/kg	UJ
West canyon	21-11231	MD21-01-0106	38.8–39.8	Qbt 3	Dichlorobenzene[1,2-]	0.36	mg/kg	UJ
West canyon	21-11231	MD21-01-0106	38.8–39.8	Qbt 3	Dichlorobenzene[1,3-]	0.36	mg/kg	UJ
West canyon	21-11231	MD21-01-0106	38.8–39.8	Qbt 3	Dichlorobenzene[1,4-]	0.36	mg/kg	UJ
West canyon	21-11231	MD21-01-0106	38.8–39.8	Qbt 3	Dichlorobenzidine[3,3'-]	1.7	mg/kg	UJ
West canyon	21-11231	MD21-01-0106	38.8–39.8	Qbt 3	Dichlorophenol[2,4-]	0.36	mg/kg	UJ
West canyon	21-11231	MD21-01-0106	38.8–39.8	Qbt 3	Diethylphthalate	0.36	mg/kg	UJ
West canyon	21-11231	MD21-01-0106	38.8–39.8	Qbt 3	Dimethyl phthalate	0.36	mg/kg	UJ
West canyon	21-11231	MD21-01-0106	38.8–39.8	Qbt 3	Dimethylphenol[2,4-]	0.36	mg/kg	UJ
West canyon	21-11231	MD21-01-0106	38.8–39.8	Qbt 3	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	UJ
West canyon	21-11231	MD21-01-0106	38.8–39.8	Qbt 3	Dinitrophenol[2,4-]	1.7	mg/kg	UJ
West canyon	21-11231	MD21-01-0106	38.8–39.8	Qbt 3	Dinitrotoluene[2,4-]	0.36	mg/kg	UJ
West canyon	21-11231	MD21-01-0106	38.8–39.8	Qbt 3	Dinitrotoluene[2,6-]	0.36	mg/kg	UJ
West canyon	21-11231	MD21-01-0106	38.8–39.8	Qbt 3	Hexachlorobenzene	0.36	mg/kg	UJ
West canyon	21-11231	MD21-01-0106	38.8–39.8	Qbt 3	Hexachlorobutadiene	0.36	mg/kg	UJ
West canyon	21-11231	MD21-01-0106	38.8–39.8	Qbt 3	Hexachlorocyclopentadiene	1.7	mg/kg	UJ
West canyon	21-11231	MD21-01-0106	38.8–39.8	Qbt 3	Hexachloroethane	0.36	mg/kg	UJ
West canyon	21-11231	MD21-01-0106	38.8–39.8	Qbt 3	Indeno(1,2,3-cd)pyrene	0.36	mg/kg	UJ
West canyon	21-11231	MD21-01-0106	38.8–39.8	Qbt 3	Isophorone	0.36	mg/kg	UJ
West canyon	21-11231	MD21-01-0106	38.8–39.8	Qbt 3	Methylphenol[2-]	0.36	mg/kg	UJ
West canyon	21-11231	MD21-01-0106	38.8–39.8	Qbt 3	Methylphenol[4-]	0.36	mg/kg	UJ
West canyon	21-11231	MD21-01-0106	38.8–39.8	Qbt 3	Nitroaniline[2-]	1.7	mg/kg	UJ
West canyon	21-11231	MD21-01-0106	38.8–39.8	Qbt 3	Nitroaniline[3-]	1.7	mg/kg	UJ

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11231	MD21-01-0106	38.8–39.8	Qbt 3	Nitroaniline[4-]	1.7	mg/kg	UJ
West canyon	21-11231	MD21-01-0106	38.8–39.8	Qbt 3	Nitrobenzene	0.36	mg/kg	UJ
West canyon	21-11231	MD21-01-0106	38.8–39.8	Qbt 3	Nitrophenol[2-]	0.36	mg/kg	UJ
West canyon	21-11231	MD21-01-0106	38.8–39.8	Qbt 3	Nitrophenol[4-]	1.7	mg/kg	UJ
West canyon	21-11231	MD21-01-0106	38.8–39.8	Qbt 3	Nitroso-di-n-propylamine[N-]	0.36	mg/kg	UJ
West canyon	21-11231	MD21-01-0106	38.8–39.8	Qbt 3	Nitrosodimethylamine[N-]	0.36	mg/kg	UJ
West canyon	21-11231	MD21-01-0106	38.8–39.8	Qbt 3	Nitrosodiphenylamine[N-]	0.36	mg/kg	UJ
West canyon	21-11231	MD21-01-0106	38.8–39.8	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.36	mg/kg	UJ
West canyon	21-11231	MD21-01-0106	38.8–39.8	Qbt 3	Pentachlorophenol	1.7	mg/kg	UJ
West canyon	21-11231	MD21-01-0106	38.8–39.8	Qbt 3	Phenol	0.36	mg/kg	UJ
West canyon	21-11231	MD21-01-0106	38.8–39.8	Qbt 3	Trichlorobenzene[1,2,4-]	0.36	mg/kg	UJ
West canyon	21-11231	MD21-01-0106	38.8–39.8	Qbt 3	Trichlorophenol[2,4,5-]	0.36	mg/kg	UJ
West canyon	21-11231	MD21-01-0106	38.8–39.8	Qbt 3	Trichlorophenol[2,4,6-]	0.36	mg/kg	UJ
West canyon	21-11231	MD21-01-0106	38.8–39.8	Qbt 3	Trimethylbenzene[1,2,4-]	0.0055	mg/kg	U
West canyon	21-11231	MD21-01-0106	38.8–39.8	Qbt 3	Trimethylbenzene[1,3,5-]	0.0055	mg/kg	U
West canyon	21-11231	MD21-01-0107	45–45.5	Qbt 3	Aluminum	4960	mg/kg	None
West canyon	21-11231	MD21-01-0107	45–45.5	Qbt 3	Antimony	0.27	mg/kg	U
West canyon	21-11231	MD21-01-0107	45–45.5	Qbt 3	Arsenic	2.6	mg/kg	None
West canyon	21-11231	MD21-01-0107	45–45.5	Qbt 3	Barium	22.2	mg/kg	None
West canyon	21-11231	MD21-01-0107	45–45.5	Qbt 3	Beryllium	1.3	mg/kg	None
West canyon	21-11231	MD21-01-0107	45–45.5	Qbt 3	Cadmium	0.028	mg/kg	U
West canyon	21-11231	MD21-01-0107	45–45.5	Qbt 3	Calcium	580	mg/kg	None
West canyon	21-11231	MD21-01-0107	45–45.5	Qbt 3	Chromium, total	2	mg/kg	None
West canyon	21-11231	MD21-01-0107	45–45.5	Qbt 3	Cobalt	0.96	mg/kg	J
West canyon	21-11231	MD21-01-0107	45–45.5	Qbt 3	Copper	3.2	mg/kg	None
West canyon	21-11231	MD21-01-0107	45–45.5	Qbt 3	Iron	8110	mg/kg	None
West canyon	21-11231	MD21-01-0107	45–45.5	Qbt 3	Magnesium	496	mg/kg	J
West canyon	21-11231	MD21-01-0107	45–45.5	Qbt 3	Manganese	243	mg/kg	None
West canyon	21-11231	MD21-01-0107	45–45.5	Qbt 3	Mercury	0.018	mg/kg	U
West canyon	21-11231	MD21-01-0107	45–45.5	Qbt 3	Nickel	2.1	mg/kg	J
West canyon	21-11231	MD21-01-0107	45–45.5	Qbt 3	Potassium	533	mg/kg	J
West canyon	21-11231	MD21-01-0107	45–45.5	Qbt 3	Selenium	0.13	mg/kg	UJ
West canyon	21-11231	MD21-01-0107	45–45.5	Qbt 3	Silver	0.46	mg/kg	U
West canyon	21-11231	MD21-01-0107	45–45.5	Qbt 3	Sodium	61.7	mg/kg	J
West canyon	21-11231	MD21-01-0107	45–45.5	Qbt 3	Thallium	0.14	mg/kg	U
West canyon	21-11231	MD21-01-0107	45–45.5	Qbt 3	Vanadium	6.2	mg/kg	None
West canyon	21-11231	MD21-01-0107	45–45.5	Qbt 3	Zinc	40.8	mg/kg	None
West canyon	21-11231	MD21-01-0107	45–45.5	Qbt 3	Acenaphthylene	0.36	mg/kg	UJ
West canyon	21-11231	MD21-01-0107	45–45.5	Qbt 3	Aniline	0.36	mg/kg	UJ

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11231	MD21-01-0107	45–45.5	Qbt 3	Azobenzene	0.36	mg/kg	UJ
West canyon	21-11231	MD21-01-0107	45–45.5	Qbt 3	Benzo(g,h,i)perylene	0.36	mg/kg	UJ
West canyon	21-11231	MD21-01-0107	45–45.5	Qbt 3	Benzoic acid	1.7	mg/kg	UJ
West canyon	21-11231	MD21-01-0107	45–45.5	Qbt 3	Benzyl alcohol	0.36	mg/kg	UJ
West canyon	21-11231	MD21-01-0107	45–45.5	Qbt 3	Bis(2-chloroethoxy)methane	0.36	mg/kg	UJ
West canyon	21-11231	MD21-01-0107	45–45.5	Qbt 3	Bis(2-chloroethyl)ether	0.36	mg/kg	UJ
West canyon	21-11231	MD21-01-0107	45–45.5	Qbt 3	Bis(2-ethylhexyl)phthalate	0.36	mg/kg	UJ
West canyon	21-11231	MD21-01-0107	45–45.5	Qbt 3	Bromophenyl-phenylether[4-]	0.36	mg/kg	UJ
West canyon	21-11231	MD21-01-0107	45–45.5	Qbt 3	Butylbenzylphthalate	0.36	mg/kg	UJ
West canyon	21-11231	MD21-01-0107	45–45.5	Qbt 3	Chloro-3-methylphenol[4-]	0.36	mg/kg	UJ
West canyon	21-11231	MD21-01-0107	45–45.5	Qbt 3	Chloroaniline[4-]	0.36	mg/kg	UJ
West canyon	21-11231	MD21-01-0107	45–45.5	Qbt 3	Chloronaphthalene[2-]	0.36	mg/kg	UJ
West canyon	21-11231	MD21-01-0107	45–45.5	Qbt 3	Chlorophenol[2-]	0.36	mg/kg	UJ
West canyon	21-11231	MD21-01-0107	45–45.5	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.36	mg/kg	UJ
West canyon	21-11231	MD21-01-0107	45–45.5	Qbt 3	Di-n-butylphthalate	0.36	mg/kg	UJ
West canyon	21-11231	MD21-01-0107	45–45.5	Qbt 3	Di-n-octylphthalate	0.36	mg/kg	UJ
West canyon	21-11231	MD21-01-0107	45–45.5	Qbt 3	Dibenzofuran	0.36	mg/kg	UJ
West canyon	21-11231	MD21-01-0107	45–45.5	Qbt 3	Dichlorobenzene[1,2-]	0.36	mg/kg	UJ
West canyon	21-11231	MD21-01-0107	45–45.5	Qbt 3	Dichlorobenzene[1,3-]	0.36	mg/kg	UJ
West canyon	21-11231	MD21-01-0107	45–45.5	Qbt 3	Dichlorobenzene[1,4-]	0.36	mg/kg	UJ
West canyon	21-11231	MD21-01-0107	45–45.5	Qbt 3	Dichlorobenzidine[3,3'-]	1.7	mg/kg	UJ
West canyon	21-11231	MD21-01-0107	45–45.5	Qbt 3	Dichlorophenol[2,4-]	0.36	mg/kg	UJ
West canyon	21-11231	MD21-01-0107	45–45.5	Qbt 3	Diethylphthalate	0.36	mg/kg	UJ
West canyon	21-11231	MD21-01-0107	45–45.5	Qbt 3	Dimethyl phthalate	0.36	mg/kg	UJ
West canyon	21-11231	MD21-01-0107	45–45.5	Qbt 3	Dimethylphenol[2,4-]	0.36	mg/kg	UJ
West canyon	21-11231	MD21-01-0107	45–45.5	Qbt 3	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	UJ
West canyon	21-11231	MD21-01-0107	45–45.5	Qbt 3	Dinitrophenol[2,4-]	1.7	mg/kg	UJ
West canyon	21-11231	MD21-01-0107	45–45.5	Qbt 3	Dinitrotoluene[2,4-]	0.36	mg/kg	UJ
West canyon	21-11231	MD21-01-0107	45–45.5	Qbt 3	Dinitrotoluene[2,6-]	0.36	mg/kg	UJ
West canyon	21-11231	MD21-01-0107	45–45.5	Qbt 3	Hexachlorobenzene	0.36	mg/kg	UJ
West canyon	21-11231	MD21-01-0107	45–45.5	Qbt 3	Hexachlorobutadiene	0.36	mg/kg	UJ
West canyon	21-11231	MD21-01-0107	45–45.5	Qbt 3	Hexachlorocyclopentadiene	1.7	mg/kg	UJ
West canyon	21-11231	MD21-01-0107	45–45.5	Qbt 3	Hexachloroethane	0.36	mg/kg	UJ
West canyon	21-11231	MD21-01-0107	45–45.5	Qbt 3	Indeno(1,2,3-cd)pyrene	0.36	mg/kg	UJ
West canyon	21-11231	MD21-01-0107	45–45.5	Qbt 3	Isophorone	0.36	mg/kg	UJ
West canyon	21-11231	MD21-01-0107	45–45.5	Qbt 3	Methylphenol[2-]	0.36	mg/kg	UJ
West canyon	21-11231	MD21-01-0107	45–45.5	Qbt 3	Methylphenol[4-]	0.36	mg/kg	UJ
West canyon	21-11231	MD21-01-0107	45–45.5	Qbt 3	Nitroaniline[2-]	1.7	mg/kg	UJ
West canyon	21-11231	MD21-01-0107	45–45.5	Qbt 3	Nitroaniline[3-]	1.7	mg/kg	UJ

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11231	MD21-01-0107	45–45.5	Qbt 3	Nitroaniline[4-]	1.7	mg/kg	UJ
West canyon	21-11231	MD21-01-0107	45–45.5	Qbt 3	Nitrobenzene	0.36	mg/kg	UJ
West canyon	21-11231	MD21-01-0107	45–45.5	Qbt 3	Nitrophenol[2-]	0.36	mg/kg	UJ
West canyon	21-11231	MD21-01-0107	45–45.5	Qbt 3	Nitrophenol[4-]	1.7	mg/kg	UJ
West canyon	21-11231	MD21-01-0107	45–45.5	Qbt 3	Nitroso-di-n-propylamine[N-]	0.36	mg/kg	UJ
West canyon	21-11231	MD21-01-0107	45–45.5	Qbt 3	Nitrosodimethylamine[N-]	0.36	mg/kg	UJ
West canyon	21-11231	MD21-01-0107	45–45.5	Qbt 3	Nitrosodiphenylamine[N-]	0.36	mg/kg	UJ
West canyon	21-11231	MD21-01-0107	45–45.5	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.36	mg/kg	UJ
West canyon	21-11231	MD21-01-0107	45–45.5	Qbt 3	Pentachlorophenol	1.7	mg/kg	UJ
West canyon	21-11231	MD21-01-0107	45–45.5	Qbt 3	Phenol	0.36	mg/kg	UJ
West canyon	21-11231	MD21-01-0107	45–45.5	Qbt 3	Trichlorobenzene[1,2,4-]	0.36	mg/kg	UJ
West canyon	21-11231	MD21-01-0107	45–45.5	Qbt 3	Trichlorophenol[2,4,5-]	0.36	mg/kg	UJ
West canyon	21-11231	MD21-01-0107	45–45.5	Qbt 3	Trichlorophenol[2,4,6-]	0.36	mg/kg	UJ
West canyon	21-11231	MD21-01-0107	45–45.5	Qbt 3	Trimethylbenzene[1,2,4-]	0.0053	mg/kg	U
West canyon	21-11231	MD21-01-0107	45–45.5	Qbt 3	Trimethylbenzene[1,3,5-]	0.0053	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Aluminum	296	mg/kg	J+
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Antimony	0.26	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Arsenic	0.99	mg/kg	J
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Barium	17.1	mg/kg	J
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Beryllium	0.66	mg/kg	J
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Cadmium	0.027	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Calcium	151	mg/kg	J
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Chromium, total	0.41	mg/kg	J
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Cobalt	0.48	mg/kg	J
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Copper	1	mg/kg	J
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Iron	3840	mg/kg	None
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Magnesium	42.7	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Manganese	293	mg/kg	None
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Mercury	0.017	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Nickel	0.28	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Potassium	127	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Selenium	0.13	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Silver	0.44	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Sodium	91.9	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Thallium	0.14	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Vanadium	1.9	mg/kg	J
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Zinc	32.1	mg/kg	None
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Acenaphthylene	0.34	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Aniline	0.34	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Azobenzene	0.34	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Benzo(g,h,i)perylene	0.34	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Benzoic acid	1.7	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Benzyl alcohol	0.34	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Bis(2-chloroethoxy)methane	0.34	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Bis(2-chloroethyl)ether	0.34	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Bis(2-ethylhexyl)phthalate	0.34	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Bromophenyl-phenylether[4-]	0.34	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Butylbenzylphthalate	0.34	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Chloro-3-methylphenol[4-]	0.34	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Chloroaniline[4-]	0.34	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Chloronaphthalene[2-]	0.34	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Chlorophenol[2-]	0.34	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.34	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Di-n-butylphthalate	0.34	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Di-n-octylphthalate	0.34	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Dibenzofuran	0.34	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Dichlorobenzene[1,2-]	0.34	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Dichlorobenzene[1,3-]	0.34	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Dichlorobenzene[1,4-]	0.34	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Dichlorobenzidine[3,3'-]	1.7	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Dichlorophenol[2,4-]	0.34	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Diethylphthalate	0.34	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Dimethyl phthalate	0.34	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Dimethylphenol[2,4-]	0.34	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Dinitrophenol[2,4-]	1.7	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Dinitrotoluene[2,4-]	0.34	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Dinitrotoluene[2,6-]	0.34	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Hexachlorobenzene	0.34	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Hexachlorobutadiene	0.34	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Hexachlorocyclopentadiene	1.7	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Hexachloroethane	0.34	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Indeno(1,2,3-cd)pyrene	0.34	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Isophorone	0.34	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Methylphenol[2-]	0.34	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Methylphenol[4-]	0.34	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Nitroaniline[2-]	1.7	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Nitroaniline[3-]	1.7	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Nitroaniline[4-]	1.7	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Nitrobenzene	0.34	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Nitrophenol[2-]	0.34	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Nitrophenol[4-]	1.7	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Nitroso-di-n-propylamine[N-]	0.34	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Nitrosodimethylamine[N-]	0.34	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Nitrosodiphenylamine[N-]	0.34	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.34	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Pentachlorophenol	1.7	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Phenol	0.34	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Trichlorobenzene[1,2,4-]	0.34	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Trichlorophenol[2,4,5-]	0.34	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Trichlorophenol[2,4,6-]	0.34	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Acetone	0.024	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Bromobenzene	0.0061	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Bromochloromethane	0.0061	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Bromodichloromethane	0.0061	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Bromoform	0.0061	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Bromomethane	0.012	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Butanone[2-]	0.024	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Butylbenzene[n-]	0.0061	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Butylbenzene[sec-]	0.0061	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Butylbenzene[tert-]	0.0061	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Carbon disulfide	0.0061	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Carbon tetrachloride	0.0061	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Chlorobenzene	0.0061	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Chlorodibromomethane	0.0061	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Chloroethane	0.012	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Chloroform	0.0061	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Chloromethane	0.012	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Chlorotoluene[2-]	0.0061	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Chlorotoluene[4-]	0.0061	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Dibromo-3-chloropropane[1,2-]	0.012	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Dibromomethane	0.0061	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Dichlorobenzene[1,2-]	0.0061	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Dichlorobenzene[1,3-]	0.0061	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Dichlorobenzene[1,4-]	0.0061	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Dichlorodifluoromethane	0.012	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Dichloroethane[1,1-]	0.0061	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Dichloroethene[1,1-]	0.0061	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Dichloroethene[cis/trans-1,2-]	0.0061	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Dichloropropane[1,2-]	0.0061	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Dichloropropane[1,3-]	0.0061	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Dichloropropane[2,2-]	0.0061	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Dichloropropene[1,1-]	0.0061	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Dichloropropene[cis-1,3-]	0.0061	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Dichloropropene[trans-1,3-]	0.0061	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Hexanone[2-]	0.024	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Iodomethane	0.0061	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Isopropylbenzene	0.0061	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Isopropyltoluene[4-]	0.0061	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Methyl-2-pentanone[4-]	0.024	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Methylene chloride	0.0061	mg/kg	UJ
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Propylbenzene[1-]	0.0061	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Styrene	0.0061	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Tetrachloroethane[1,1,1,2-]	0.0061	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Tetrachloroethane[1,1,2,2-]	0.0061	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Tetrachloroethene	0.0061	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Trichloroethane[1,1,1-]	0.0061	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Trichloroethane[1,1,2-]	0.0061	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Trichloroethene	0.0061	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Trichlorofluoromethane	0.012	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Trichloropropane[1,2,3-]	0.0061	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Trichlorotrifluoroethane	0.0061	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Trimethylbenzene[1,2,4-]	0.0061	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Trimethylbenzene[1,3,5-]	0.0061	mg/kg	U
West canyon	21-11241	MD21-01-0115	85–86	Qbt 3	Vinyl chloride	0.012	mg/kg	U
West canyon	21-11241	MD21-01-0116	49–50	Qbt 3	Aluminum	4890	mg/kg	J+
West canyon	21-11241	MD21-01-0116	49–50	Qbt 3	Antimony	0.27	mg/kg	U
West canyon	21-11241	MD21-01-0116	49–50	Qbt 3	Arsenic	1.8	mg/kg	None
West canyon	21-11241	MD21-01-0116	49–50	Qbt 3	Barium	15.6	mg/kg	J
West canyon	21-11241	MD21-01-0116	49–50	Qbt 3	Beryllium	0.69	mg/kg	None
West canyon	21-11241	MD21-01-0116	49–50	Qbt 3	Cadmium	0.028	mg/kg	U
West canyon	21-11241	MD21-01-0116	49–50	Qbt 3	Calcium	904	mg/kg	None
West canyon	21-11241	MD21-01-0116	49–50	Qbt 3	Chromium, total	2.9	mg/kg	None
West canyon	21-11241	MD21-01-0116	49–50	Qbt 3	Cobalt	0.94	mg/kg	J
West canyon	21-11241	MD21-01-0116	49–50	Qbt 3	Copper	3.7	mg/kg	None
West canyon	21-11241	MD21-01-0116	49–50	Qbt 3	Iron	5990	mg/kg	None

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11241	MD21-01-0116	49–50	Qbt 3	Magnesium	686	mg/kg	None
West canyon	21-11241	MD21-01-0116	49–50	Qbt 3	Manganese	185	mg/kg	None
West canyon	21-11241	MD21-01-0116	49–50	Qbt 3	Mercury	0.018	mg/kg	U
West canyon	21-11241	MD21-01-0116	49–50	Qbt 3	Nickel	2.8	mg/kg	J
West canyon	21-11241	MD21-01-0116	49–50	Qbt 3	Potassium	507	mg/kg	J
West canyon	21-11241	MD21-01-0116	49–50	Qbt 3	Selenium	0.19	mg/kg	J
West canyon	21-11241	MD21-01-0116	49–50	Qbt 3	Silver	0.45	mg/kg	U
West canyon	21-11241	MD21-01-0116	49–50	Qbt 3	Sodium	132	mg/kg	U
West canyon	21-11241	MD21-01-0116	49–50	Qbt 3	Thallium	0.14	mg/kg	U
West canyon	21-11241	MD21-01-0116	49–50	Qbt 3	Vanadium	6.5	mg/kg	None
West canyon	21-11241	MD21-01-0116	49–50	Qbt 3	Zinc	24.7	mg/kg	None
West canyon	21-11241	MD21-01-0116	49–50	Qbt 3	Acenaphthylene	0.36	mg/kg	U
West canyon	21-11241	MD21-01-0116	49–50	Qbt 3	Aniline	0.36	mg/kg	U
West canyon	21-11241	MD21-01-0116	49–50	Qbt 3	Azobenzene	0.36	mg/kg	U
West canyon	21-11241	MD21-01-0116	49–50	Qbt 3	Benzo(g,h,i)perylene	0.36	mg/kg	U
West canyon	21-11241	MD21-01-0116	49–50	Qbt 3	Benzoic acid	1.7	mg/kg	U
West canyon	21-11241	MD21-01-0116	49–50	Qbt 3	Benzyl alcohol	0.36	mg/kg	U
West canyon	21-11241	MD21-01-0116	49–50	Qbt 3	Bis(2-chloroethoxy)methane	0.36	mg/kg	U
West canyon	21-11241	MD21-01-0116	49–50	Qbt 3	Bis(2-chloroethyl)ether	0.36	mg/kg	U
West canyon	21-11241	MD21-01-0116	49–50	Qbt 3	Bis(2-ethylhexyl)phthalate	0.36	mg/kg	U
West canyon	21-11241	MD21-01-0116	49–50	Qbt 3	Bromophenyl-phenylether[4-]	0.36	mg/kg	U
West canyon	21-11241	MD21-01-0116	49–50	Qbt 3	Butylbenzylphthalate	0.36	mg/kg	U
West canyon	21-11241	MD21-01-0116	49–50	Qbt 3	Chloro-3-methylphenol[4-]	0.36	mg/kg	U
West canyon	21-11241	MD21-01-0116	49–50	Qbt 3	Chloroaniline[4-]	0.36	mg/kg	U
West canyon	21-11241	MD21-01-0116	49–50	Qbt 3	Chloronaphthalene[2-]	0.36	mg/kg	U
West canyon	21-11241	MD21-01-0116	49–50	Qbt 3	Chlorophenol[2-]	0.36	mg/kg	U
West canyon	21-11241	MD21-01-0116	49–50	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.36	mg/kg	U
West canyon	21-11241	MD21-01-0116	49–50	Qbt 3	Di-n-butylphthalate	0.36	mg/kg	U
West canyon	21-11241	MD21-01-0116	49–50	Qbt 3	Di-n-octylphthalate	0.36	mg/kg	U
West canyon	21-11241	MD21-01-0116	49–50	Qbt 3	Dibenzofuran	0.36	mg/kg	U
West canyon	21-11241	MD21-01-0116	49–50	Qbt 3	Dichlorobenzene[1,2-]	0.36	mg/kg	U
West canyon	21-11241	MD21-01-0116	49–50	Qbt 3	Dichlorobenzene[1,3-]	0.36	mg/kg	U
West canyon	21-11241	MD21-01-0116	49–50	Qbt 3	Dichlorobenzene[1,4-]	0.36	mg/kg	U
West canyon	21-11241	MD21-01-0116	49–50	Qbt 3	Dichlorobenzidine[3,3'-]	1.7	mg/kg	U
West canyon	21-11241	MD21-01-0116	49–50	Qbt 3	Dichlorophenol[2,4-]	0.36	mg/kg	U
West canyon	21-11241	MD21-01-0116	49–50	Qbt 3	Diethylphthalate	0.36	mg/kg	U
West canyon	21-11241	MD21-01-0116	49–50	Qbt 3	Dimethyl phthalate	0.36	mg/kg	U
West canyon	21-11241	MD21-01-0116	49–50	Qbt 3	Dimethylphenol[2,4-]	0.36	mg/kg	U
West canyon	21-11241	MD21-01-0116	49–50	Qbt 3	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11241	MD21-01-0116	49–50	Qbt 3	Dinitrophenol[2,4-]	1.7	mg/kg	U
West canyon	21-11241	MD21-01-0116	49–50	Qbt 3	Dinitrotoluene[2,4-]	0.36	mg/kg	U
West canyon	21-11241	MD21-01-0116	49–50	Qbt 3	Dinitrotoluene[2,6-]	0.36	mg/kg	U
West canyon	21-11241	MD21-01-0116	49–50	Qbt 3	Hexachlorobenzene	0.36	mg/kg	U
West canyon	21-11241	MD21-01-0116	49–50	Qbt 3	Hexachlorobutadiene	0.36	mg/kg	U
West canyon	21-11241	MD21-01-0116	49–50	Qbt 3	Hexachlorocyclopentadiene	1.7	mg/kg	U
West canyon	21-11241	MD21-01-0116	49–50	Qbt 3	Hexachloroethane	0.36	mg/kg	U
West canyon	21-11241	MD21-01-0116	49–50	Qbt 3	Indeno(1,2,3-cd)pyrene	0.36	mg/kg	U
West canyon	21-11241	MD21-01-0116	49–50	Qbt 3	Isophorone	0.36	mg/kg	U
West canyon	21-11241	MD21-01-0116	49–50	Qbt 3	Methylphenol[2-]	0.36	mg/kg	U
West canyon	21-11241	MD21-01-0116	49–50	Qbt 3	Methylphenol[4-]	0.36	mg/kg	U
West canyon	21-11241	MD21-01-0116	49–50	Qbt 3	Nitroaniline[2-]	1.7	mg/kg	U
West canyon	21-11241	MD21-01-0116	49–50	Qbt 3	Nitroaniline[3-]	1.7	mg/kg	U
West canyon	21-11241	MD21-01-0116	49–50	Qbt 3	Nitroaniline[4-]	1.7	mg/kg	U
West canyon	21-11241	MD21-01-0116	49–50	Qbt 3	Nitrobenzene	0.36	mg/kg	U
West canyon	21-11241	MD21-01-0116	49–50	Qbt 3	Nitrophenol[2-]	0.36	mg/kg	U
West canyon	21-11241	MD21-01-0116	49–50	Qbt 3	Nitrophenol[4-]	1.7	mg/kg	U
West canyon	21-11241	MD21-01-0116	49–50	Qbt 3	Nitroso-di-n-propylamine[N-]	0.36	mg/kg	U
West canyon	21-11241	MD21-01-0116	49–50	Qbt 3	Nitrosodimethylamine[N-]	0.36	mg/kg	U
West canyon	21-11241	MD21-01-0116	49–50	Qbt 3	Nitrosodiphenylamine[N-]	0.36	mg/kg	U
West canyon	21-11241	MD21-01-0116	49–50	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.36	mg/kg	U
West canyon	21-11241	MD21-01-0116	49–50	Qbt 3	Pentachlorophenol	1.7	mg/kg	U
West canyon	21-11241	MD21-01-0116	49–50	Qbt 3	Phenol	0.36	mg/kg	U
West canyon	21-11241	MD21-01-0116	49–50	Qbt 3	Trichlorobenzene[1,2,4-]	0.36	mg/kg	U
West canyon	21-11241	MD21-01-0116	49–50	Qbt 3	Trichlorophenol[2,4,5-]	0.36	mg/kg	U
West canyon	21-11241	MD21-01-0116	49–50	Qbt 3	Trichlorophenol[2,4,6-]	0.36	mg/kg	U
West canyon	21-11241	MD21-01-0116	49–50	Qbt 3	Chlorobenzene	0.0054	mg/kg	U
West canyon	21-11241	MD21-01-0116	49–50	Qbt 3	Dichlorobenzene[1,4-]	0.0054	mg/kg	U
West canyon	21-11241	MD21-01-0116	49–50	Qbt 3	Dichloroethene[1,1-]	0.0054	mg/kg	U
West canyon	21-11241	MD21-01-0116	49–50	Qbt 3	Trichloroethene	0.0054	mg/kg	U
West canyon	21-11241	MD21-01-0116	49–50	Qbt 3	Trimethylbenzene[1,2,4-]	0.0065	mg/kg	U
West canyon	21-11241	MD21-01-0116	49–50	Qbt 3	Trimethylbenzene[1,3,5-]	0.0065	mg/kg	U
West canyon	21-11241	MD21-01-0117	39–40	Qbt 3	Aluminum	5650	mg/kg	J+
West canyon	21-11241	MD21-01-0117	39–40	Qbt 3	Antimony	0.27	mg/kg	U
West canyon	21-11241	MD21-01-0117	39–40	Qbt 3	Arsenic	2.2	mg/kg	None
West canyon	21-11241	MD21-01-0117	39–40	Qbt 3	Barium	26	mg/kg	None
West canyon	21-11241	MD21-01-0117	39–40	Qbt 3	Beryllium	1.3	mg/kg	None
West canyon	21-11241	MD21-01-0117	39–40	Qbt 3	Cadmium	0.028	mg/kg	U
West canyon	21-11241	MD21-01-0117	39–40	Qbt 3	Calcium	1200	mg/kg	None

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11241	MD21-01-0117	39–40	Qbt 3	Chromium, total	3.4	mg/kg	None
West canyon	21-11241	MD21-01-0117	39–40	Qbt 3	Cobalt	1.1	mg/kg	J
West canyon	21-11241	MD21-01-0117	39–40	Qbt 3	Copper	4.9	mg/kg	None
West canyon	21-11241	MD21-01-0117	39–40	Qbt 3	Iron	8040	mg/kg	None
West canyon	21-11241	MD21-01-0117	39–40	Qbt 3	Magnesium	891	mg/kg	None
West canyon	21-11241	MD21-01-0117	39–40	Qbt 3	Manganese	346	mg/kg	None
West canyon	21-11241	MD21-01-0117	39–40	Qbt 3	Mercury	0.018	mg/kg	U
West canyon	21-11241	MD21-01-0117	39–40	Qbt 3	Nickel	2.8	mg/kg	J
West canyon	21-11241	MD21-01-0117	39–40	Qbt 3	Potassium	802	mg/kg	None
West canyon	21-11241	MD21-01-0117	39–40	Qbt 3	Selenium	0.13	mg/kg	U
West canyon	21-11241	MD21-01-0117	39–40	Qbt 3	Silver	0.45	mg/kg	U
West canyon	21-11241	MD21-01-0117	39–40	Qbt 3	Sodium	235	mg/kg	J
West canyon	21-11241	MD21-01-0117	39–40	Qbt 3	Thallium	0.14	mg/kg	U
West canyon	21-11241	MD21-01-0117	39–40	Qbt 3	Vanadium	7.7	mg/kg	None
West canyon	21-11241	MD21-01-0117	39–40	Qbt 3	Zinc	57.2	mg/kg	None
West canyon	21-11241	MD21-01-0117	39–40	Qbt 3	Acenaphthylene	0.35	mg/kg	U
West canyon	21-11241	MD21-01-0117	39–40	Qbt 3	Aniline	0.35	mg/kg	U
West canyon	21-11241	MD21-01-0117	39–40	Qbt 3	Azobenzene	0.35	mg/kg	U
West canyon	21-11241	MD21-01-0117	39–40	Qbt 3	Benzo(g,h,i)perylene	0.35	mg/kg	U
West canyon	21-11241	MD21-01-0117	39–40	Qbt 3	Benzoic acid	1.7	mg/kg	U
West canyon	21-11241	MD21-01-0117	39–40	Qbt 3	Benzyl alcohol	0.35	mg/kg	U
West canyon	21-11241	MD21-01-0117	39–40	Qbt 3	Bis(2-chloroethoxy)methane	0.35	mg/kg	U
West canyon	21-11241	MD21-01-0117	39–40	Qbt 3	Bis(2-chloroethyl)ether	0.35	mg/kg	U
West canyon	21-11241	MD21-01-0117	39–40	Qbt 3	Bis(2-ethylhexyl)phthalate	0.35	mg/kg	U
West canyon	21-11241	MD21-01-0117	39–40	Qbt 3	Bromophenyl-phenylether[4-]	0.35	mg/kg	U
West canyon	21-11241	MD21-01-0117	39–40	Qbt 3	Butylbenzylphthalate	0.35	mg/kg	U
West canyon	21-11241	MD21-01-0117	39–40	Qbt 3	Chloro-3-methylphenol[4-]	0.35	mg/kg	U
West canyon	21-11241	MD21-01-0117	39–40	Qbt 3	Chloroaniline[4-]	0.35	mg/kg	U
West canyon	21-11241	MD21-01-0117	39–40	Qbt 3	Chloronaphthalene[2-]	0.35	mg/kg	U
West canyon	21-11241	MD21-01-0117	39–40	Qbt 3	Chlorophenol[2-]	0.35	mg/kg	U
West canyon	21-11241	MD21-01-0117	39–40	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.35	mg/kg	U
West canyon	21-11241	MD21-01-0117	39–40	Qbt 3	Di-n-butylphthalate	0.35	mg/kg	U
West canyon	21-11241	MD21-01-0117	39–40	Qbt 3	Di-n-octylphthalate	0.35	mg/kg	U
West canyon	21-11241	MD21-01-0117	39–40	Qbt 3	Dibenzofuran	0.35	mg/kg	U
West canyon	21-11241	MD21-01-0117	39–40	Qbt 3	Dichlorobenzene[1,2-]	0.35	mg/kg	U
West canyon	21-11241	MD21-01-0117	39–40	Qbt 3	Dichlorobenzene[1,3-]	0.35	mg/kg	U
West canyon	21-11241	MD21-01-0117	39–40	Qbt 3	Dichlorobenzene[1,4-]	0.35	mg/kg	U
West canyon	21-11241	MD21-01-0117	39–40	Qbt 3	Dichlorobenzidine[3,3'-]	1.7	mg/kg	U
West canyon	21-11241	MD21-01-0117	39–40	Qbt 3	Dichlorophenol[2,4-]	0.35	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11241	MD21-01-0117	39–40	Qbt 3	Diethylphthalate	0.35	mg/kg	U
West canyon	21-11241	MD21-01-0117	39–40	Qbt 3	Dimethyl phthalate	0.35	mg/kg	U
West canyon	21-11241	MD21-01-0117	39–40	Qbt 3	Dimethylphenol[2,4-]	0.35	mg/kg	U
West canyon	21-11241	MD21-01-0117	39–40	Qbt 3	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
West canyon	21-11241	MD21-01-0117	39–40	Qbt 3	Dinitrophenol[2,4-]	1.7	mg/kg	U
West canyon	21-11241	MD21-01-0117	39–40	Qbt 3	Dinitrotoluene[2,4-]	0.35	mg/kg	U
West canyon	21-11241	MD21-01-0117	39–40	Qbt 3	Dinitrotoluene[2,6-]	0.35	mg/kg	U
West canyon	21-11241	MD21-01-0117	39–40	Qbt 3	Hexachlorobenzene	0.35	mg/kg	U
West canyon	21-11241	MD21-01-0117	39–40	Qbt 3	Hexachlorobutadiene	0.35	mg/kg	U
West canyon	21-11241	MD21-01-0117	39–40	Qbt 3	Hexachlorocyclopentadiene	1.7	mg/kg	U
West canyon	21-11241	MD21-01-0117	39–40	Qbt 3	Hexachloroethane	0.35	mg/kg	U
West canyon	21-11241	MD21-01-0117	39–40	Qbt 3	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	U
West canyon	21-11241	MD21-01-0117	39–40	Qbt 3	Isophorone	0.35	mg/kg	U
West canyon	21-11241	MD21-01-0117	39–40	Qbt 3	Methylphenol[2-]	0.35	mg/kg	U
West canyon	21-11241	MD21-01-0117	39–40	Qbt 3	Methylphenol[4-]	0.35	mg/kg	U
West canyon	21-11241	MD21-01-0117	39–40	Qbt 3	Nitroaniline[2-]	1.7	mg/kg	U
West canyon	21-11241	MD21-01-0117	39–40	Qbt 3	Nitroaniline[3-]	1.7	mg/kg	U
West canyon	21-11241	MD21-01-0117	39–40	Qbt 3	Nitroaniline[4-]	1.7	mg/kg	U
West canyon	21-11241	MD21-01-0117	39–40	Qbt 3	Nitrobenzene	0.35	mg/kg	U
West canyon	21-11241	MD21-01-0117	39–40	Qbt 3	Nitrophenol[2-]	0.35	mg/kg	U
West canyon	21-11241	MD21-01-0117	39–40	Qbt 3	Nitrophenol[4-]	1.7	mg/kg	U
West canyon	21-11241	MD21-01-0117	39–40	Qbt 3	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	U
West canyon	21-11241	MD21-01-0117	39–40	Qbt 3	Nitrosodimethylamine[N-]	0.35	mg/kg	U
West canyon	21-11241	MD21-01-0117	39–40	Qbt 3	Nitrosodiphenylamine[N-]	0.35	mg/kg	U
West canyon	21-11241	MD21-01-0117	39–40	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	U
West canyon	21-11241	MD21-01-0117	39–40	Qbt 3	Pentachlorophenol	1.7	mg/kg	U
West canyon	21-11241	MD21-01-0117	39–40	Qbt 3	Phenol	0.35	mg/kg	U
West canyon	21-11241	MD21-01-0117	39–40	Qbt 3	Trichlorobenzene[1,2,4-]	0.35	mg/kg	U
West canyon	21-11241	MD21-01-0117	39–40	Qbt 3	Trichlorophenol[2,4,5-]	0.35	mg/kg	U
West canyon	21-11241	MD21-01-0117	39–40	Qbt 3	Trichlorophenol[2,4,6-]	0.35	mg/kg	U
West canyon	21-11241	MD21-01-0117	39–40	Qbt 3	Trimethylbenzene[1,2,4-]	0.0065	mg/kg	U
West canyon	21-11241	MD21-01-0117	39–40	Qbt 3	Trimethylbenzene[1,3,5-]	0.0065	mg/kg	U
West canyon	21-11242	MD21-01-0118	49–50	Qbt 3	Aluminum	961	mg/kg	J
West canyon	21-11242	MD21-01-0118	49–50	Qbt 3	Antimony	0.26	mg/kg	U
West canyon	21-11242	MD21-01-0118	49–50	Qbt 3	Arsenic	1	mg/kg	J
West canyon	21-11242	MD21-01-0118	49–50	Qbt 3	Barium	20.3	mg/kg	J
West canyon	21-11242	MD21-01-0118	49–50	Qbt 3	Beryllium	0.62	mg/kg	None
West canyon	21-11242	MD21-01-0118	49–50	Qbt 3	Cadmium	0.27	mg/kg	U
West canyon	21-11242	MD21-01-0118	49–50	Qbt 3	Calcium	280	mg/kg	J

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11242	MD21-01-0118	49–50	Qbt 3	Chromium, total	0.66	mg/kg	J
West canyon	21-11242	MD21-01-0118	49–50	Qbt 3	Cobalt	0.55	mg/kg	J
West canyon	21-11242	MD21-01-0118	49–50	Qbt 3	Copper	1.5	mg/kg	J
West canyon	21-11242	MD21-01-0118	49–50	Qbt 3	Iron	4970	mg/kg	None
West canyon	21-11242	MD21-01-0118	49–50	Qbt 3	Magnesium	150	mg/kg	J
West canyon	21-11242	MD21-01-0118	49–50	Qbt 3	Manganese	328	mg/kg	None
West canyon	21-11242	MD21-01-0118	49–50	Qbt 3	Mercury	0.017	mg/kg	U
West canyon	21-11242	MD21-01-0118	49–50	Qbt 3	Nickel	0.71	mg/kg	J
West canyon	21-11242	MD21-01-0118	49–50	Qbt 3	Potassium	160	mg/kg	J
West canyon	21-11242	MD21-01-0118	49–50	Qbt 3	Selenium	0.12	mg/kg	U
West canyon	21-11242	MD21-01-0118	49–50	Qbt 3	Silver	0.44	mg/kg	U
West canyon	21-11242	MD21-01-0118	49–50	Qbt 3	Sodium	49	mg/kg	U
West canyon	21-11242	MD21-01-0118	49–50	Qbt 3	Thallium	0.14	mg/kg	U
West canyon	21-11242	MD21-01-0118	49–50	Qbt 3	Vanadium	2.6	mg/kg	J
West canyon	21-11242	MD21-01-0118	49–50	Qbt 3	Zinc	35.7	mg/kg	None
West canyon	21-11242	MD21-01-0118	49–50	Qbt 3	Acenaphthylene	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0118	49–50	Qbt 3	Aniline	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0118	49–50	Qbt 3	Azobenzene	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0118	49–50	Qbt 3	Benzo(g,h,i)perylene	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0118	49–50	Qbt 3	Benzoic acid	1.7	mg/kg	U
West canyon	21-11242	MD21-01-0118	49–50	Qbt 3	Benzyl alcohol	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0118	49–50	Qbt 3	Bis(2-chloroethoxy)methane	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0118	49–50	Qbt 3	Bis(2-chloroethyl)ether	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0118	49–50	Qbt 3	Bis(2-ethylhexyl)phthalate	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0118	49–50	Qbt 3	Bromophenyl-phenylether[4-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0118	49–50	Qbt 3	Butylbenzylphthalate	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0118	49–50	Qbt 3	Chloro-3-methylphenol[4-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0118	49–50	Qbt 3	Chloroaniline[4-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0118	49–50	Qbt 3	Chloronaphthalene[2-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0118	49–50	Qbt 3	Chlorophenol[2-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0118	49–50	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0118	49–50	Qbt 3	Di-n-butylphthalate	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0118	49–50	Qbt 3	Di-n-octylphthalate	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0118	49–50	Qbt 3	Dibenzofuran	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0118	49–50	Qbt 3	Dichlorobenzene[1,2-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0118	49–50	Qbt 3	Dichlorobenzene[1,3-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0118	49–50	Qbt 3	Dichlorobenzene[1,4-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0118	49–50	Qbt 3	Dichlorobenzidine[3,3'-]	1.7	mg/kg	U
West canyon	21-11242	MD21-01-0118	49–50	Qbt 3	Dichlorophenol[2,4-]	0.34	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11242	MD21-01-0118	49–50	Qbt 3	Diethylphthalate	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0118	49–50	Qbt 3	Dimethyl phthalate	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0118	49–50	Qbt 3	Dimethylphenol[2,4-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0118	49–50	Qbt 3	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
West canyon	21-11242	MD21-01-0118	49–50	Qbt 3	Dinitrophenol[2,4-]	1.7	mg/kg	U
West canyon	21-11242	MD21-01-0118	49–50	Qbt 3	Dinitrotoluene[2,4-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0118	49–50	Qbt 3	Dinitrotoluene[2,6-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0118	49–50	Qbt 3	Hexachlorobenzene	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0118	49–50	Qbt 3	Hexachlorobutadiene	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0118	49–50	Qbt 3	Hexachlorocyclopentadiene	1.7	mg/kg	U
West canyon	21-11242	MD21-01-0118	49–50	Qbt 3	Hexachloroethane	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0118	49–50	Qbt 3	Indeno(1,2,3-cd)pyrene	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0118	49–50	Qbt 3	Isophorone	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0118	49–50	Qbt 3	Methylphenol[2-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0118	49–50	Qbt 3	Methylphenol[4-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0118	49–50	Qbt 3	Nitroaniline[2-]	1.7	mg/kg	U
West canyon	21-11242	MD21-01-0118	49–50	Qbt 3	Nitroaniline[3-]	1.7	mg/kg	U
West canyon	21-11242	MD21-01-0118	49–50	Qbt 3	Nitroaniline[4-]	1.7	mg/kg	U
West canyon	21-11242	MD21-01-0118	49–50	Qbt 3	Nitrobenzene	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0118	49–50	Qbt 3	Nitrophenol[2-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0118	49–50	Qbt 3	Nitrophenol[4-]	1.7	mg/kg	U
West canyon	21-11242	MD21-01-0118	49–50	Qbt 3	Nitroso-di-n-propylamine[N-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0118	49–50	Qbt 3	Nitrosodimethylamine[N-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0118	49–50	Qbt 3	Nitrosodiphenylamine[N-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0118	49–50	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0118	49–50	Qbt 3	Pentachlorophenol	1.7	mg/kg	U
West canyon	21-11242	MD21-01-0118	49–50	Qbt 3	Phenol	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0118	49–50	Qbt 3	Trichlorobenzene[1,2,4-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0118	49–50	Qbt 3	Trichlorophenol[2,4,5-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0118	49–50	Qbt 3	Trichlorophenol[2,4,6-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0118	49–50	Qbt 3	Trimethylbenzene[1,2,4-]	0.0068	mg/kg	U
West canyon	21-11242	MD21-01-0118	49–50	Qbt 3	Trimethylbenzene[1,3,5-]	0.0068	mg/kg	U
West canyon	21-11242	MD21-01-0119	59–60	Qbt 3	Aluminum	368	mg/kg	J
West canyon	21-11242	MD21-01-0119	59–60	Qbt 3	Antimony	1	mg/kg	U
West canyon	21-11242	MD21-01-0119	59–60	Qbt 3	Arsenic	1.2	mg/kg	None
West canyon	21-11242	MD21-01-0119	59–60	Qbt 3	Barium	13.8	mg/kg	J
West canyon	21-11242	MD21-01-0119	59–60	Qbt 3	Beryllium	0.74	mg/kg	None
West canyon	21-11242	MD21-01-0119	59–60	Qbt 3	Cadmium	0.52	mg/kg	U
West canyon	21-11242	MD21-01-0119	59–60	Qbt 3	Calcium	200	mg/kg	J

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11242	MD21-01-0119	59–60	Qbt 3	Chromium, total	1	mg/kg	J
West canyon	21-11242	MD21-01-0119	59–60	Qbt 3	Cobalt	0.52	mg/kg	J
West canyon	21-11242	MD21-01-0119	59–60	Qbt 3	Copper	1.2	mg/kg	J
West canyon	21-11242	MD21-01-0119	59–60	Qbt 3	Iron	5430	mg/kg	None
West canyon	21-11242	MD21-01-0119	59–60	Qbt 3	Magnesium	59.2	mg/kg	J
West canyon	21-11242	MD21-01-0119	59–60	Qbt 3	Manganese	355	mg/kg	None
West canyon	21-11242	MD21-01-0119	59–60	Qbt 3	Mercury	0.017	mg/kg	U
West canyon	21-11242	MD21-01-0119	59–60	Qbt 3	Nickel	0.54	mg/kg	U
West canyon	21-11242	MD21-01-0119	59–60	Qbt 3	Potassium	202	mg/kg	J
West canyon	21-11242	MD21-01-0119	59–60	Qbt 3	Selenium	0.52	mg/kg	U
West canyon	21-11242	MD21-01-0119	59–60	Qbt 3	Silver	1	mg/kg	U
West canyon	21-11242	MD21-01-0119	59–60	Qbt 3	Sodium	93	mg/kg	U
West canyon	21-11242	MD21-01-0119	59–60	Qbt 3	Thallium	1	mg/kg	U
West canyon	21-11242	MD21-01-0119	59–60	Qbt 3	Vanadium	2.5	mg/kg	J
West canyon	21-11242	MD21-01-0119	59–60	Qbt 3	Zinc	31.1	mg/kg	None
West canyon	21-11242	MD21-01-0119	59–60	Qbt 3	Acenaphthylene	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0119	59–60	Qbt 3	Aniline	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0119	59–60	Qbt 3	Azobenzene	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0119	59–60	Qbt 3	Benzo(g,h,i)perylene	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0119	59–60	Qbt 3	Benzoic acid	1.7	mg/kg	U
West canyon	21-11242	MD21-01-0119	59–60	Qbt 3	Benzyl alcohol	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0119	59–60	Qbt 3	Bis(2-chloroethoxy)methane	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0119	59–60	Qbt 3	Bis(2-chloroethyl)ether	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0119	59–60	Qbt 3	Bis(2-ethylhexyl)phthalate	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0119	59–60	Qbt 3	Bromophenyl-phenylether[4-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0119	59–60	Qbt 3	Butylbenzylphthalate	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0119	59–60	Qbt 3	Chloro-3-methylphenol[4-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0119	59–60	Qbt 3	Chloroaniline[4-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0119	59–60	Qbt 3	Chloronaphthalene[2-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0119	59–60	Qbt 3	Chlorophenol[2-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0119	59–60	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0119	59–60	Qbt 3	Di-n-butylphthalate	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0119	59–60	Qbt 3	Di-n-octylphthalate	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0119	59–60	Qbt 3	Dibenzofuran	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0119	59–60	Qbt 3	Dichlorobenzene[1,2-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0119	59–60	Qbt 3	Dichlorobenzene[1,3-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0119	59–60	Qbt 3	Dichlorobenzene[1,4-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0119	59–60	Qbt 3	Dichlorobenzidine[3,3'-]	1.7	mg/kg	U
West canyon	21-11242	MD21-01-0119	59–60	Qbt 3	Dichlorophenol[2,4-]	0.34	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11242	MD21-01-0119	59–60	Qbt 3	Diethylphthalate	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0119	59–60	Qbt 3	Dimethyl phthalate	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0119	59–60	Qbt 3	Dimethylphenol[2,4-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0119	59–60	Qbt 3	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
West canyon	21-11242	MD21-01-0119	59–60	Qbt 3	Dinitrophenol[2,4-]	1.7	mg/kg	U
West canyon	21-11242	MD21-01-0119	59–60	Qbt 3	Dinitrotoluene[2,4-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0119	59–60	Qbt 3	Dinitrotoluene[2,6-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0119	59–60	Qbt 3	Hexachlorobenzene	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0119	59–60	Qbt 3	Hexachlorobutadiene	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0119	59–60	Qbt 3	Hexachlorocyclopentadiene	1.7	mg/kg	U
West canyon	21-11242	MD21-01-0119	59–60	Qbt 3	Hexachloroethane	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0119	59–60	Qbt 3	Indeno(1,2,3-cd)pyrene	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0119	59–60	Qbt 3	Isophorone	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0119	59–60	Qbt 3	Methylphenol[2-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0119	59–60	Qbt 3	Methylphenol[4-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0119	59–60	Qbt 3	Nitroaniline[2-]	1.7	mg/kg	U
West canyon	21-11242	MD21-01-0119	59–60	Qbt 3	Nitroaniline[3-]	1.7	mg/kg	U
West canyon	21-11242	MD21-01-0119	59–60	Qbt 3	Nitroaniline[4-]	1.7	mg/kg	U
West canyon	21-11242	MD21-01-0119	59–60	Qbt 3	Nitrobenzene	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0119	59–60	Qbt 3	Nitrophenol[2-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0119	59–60	Qbt 3	Nitrophenol[4-]	1.7	mg/kg	U
West canyon	21-11242	MD21-01-0119	59–60	Qbt 3	Nitroso-di-n-propylamine[N-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0119	59–60	Qbt 3	Nitrosodimethylamine[N-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0119	59–60	Qbt 3	Nitrosodiphenylamine[N-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0119	59–60	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0119	59–60	Qbt 3	Pentachlorophenol	1.7	mg/kg	U
West canyon	21-11242	MD21-01-0119	59–60	Qbt 3	Phenol	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0119	59–60	Qbt 3	Trichlorobenzene[1,2,4-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0119	59–60	Qbt 3	Trichlorophenol[2,4,5-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0119	59–60	Qbt 3	Trichlorophenol[2,4,6-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0119	59–60	Qbt 3	Trimethylbenzene[1,2,4-]	0.0062	mg/kg	U
West canyon	21-11242	MD21-01-0119	59–60	Qbt 3	Trimethylbenzene[1,3,5-]	0.0062	mg/kg	U
West canyon	21-11242	MD21-01-0120	74–75	Qbt 3	Aluminum	275	mg/kg	J
West canyon	21-11242	MD21-01-0120	74–75	Qbt 3	Antimony	1	mg/kg	U
West canyon	21-11242	MD21-01-0120	74–75	Qbt 3	Arsenic	1.2	mg/kg	None
West canyon	21-11242	MD21-01-0120	74–75	Qbt 3	Barium	11.3	mg/kg	J
West canyon	21-11242	MD21-01-0120	74–75	Qbt 3	Beryllium	0.55	mg/kg	None
West canyon	21-11242	MD21-01-0120	74–75	Qbt 3	Cadmium	0.52	mg/kg	U
West canyon	21-11242	MD21-01-0120	74–75	Qbt 3	Calcium	143	mg/kg	J

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11242	MD21-01-0120	74–75	Qbt 3	Chromium, total	0.47	mg/kg	J
West canyon	21-11242	MD21-01-0120	74–75	Qbt 3	Cobalt	0.44	mg/kg	J
West canyon	21-11242	MD21-01-0120	74–75	Qbt 3	Copper	0.94	mg/kg	J
West canyon	21-11242	MD21-01-0120	74–75	Qbt 3	Iron	3760	mg/kg	None
West canyon	21-11242	MD21-01-0120	74–75	Qbt 3	Magnesium	30.4	mg/kg	J
West canyon	21-11242	MD21-01-0120	74–75	Qbt 3	Manganese	258	mg/kg	None
West canyon	21-11242	MD21-01-0120	74–75	Qbt 3	Mercury	0.034	mg/kg	U
West canyon	21-11242	MD21-01-0120	74–75	Qbt 3	Nickel	0.28	mg/kg	U
West canyon	21-11242	MD21-01-0120	74–75	Qbt 3	Potassium	517	mg/kg	U
West canyon	21-11242	MD21-01-0120	74–75	Qbt 3	Selenium	0.52	mg/kg	U
West canyon	21-11242	MD21-01-0120	74–75	Qbt 3	Silver	1	mg/kg	U
West canyon	21-11242	MD21-01-0120	74–75	Qbt 3	Sodium	61.3	mg/kg	U
West canyon	21-11242	MD21-01-0120	74–75	Qbt 3	Thallium	1	mg/kg	U
West canyon	21-11242	MD21-01-0120	74–75	Qbt 3	Vanadium	1.5	mg/kg	J
West canyon	21-11242	MD21-01-0120	74–75	Qbt 3	Zinc	20	mg/kg	None
West canyon	21-11242	MD21-01-0120	74–75	Qbt 3	Acenaphthylene	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0120	74–75	Qbt 3	Aniline	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0120	74–75	Qbt 3	Azobenzene	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0120	74–75	Qbt 3	Benzo(g,h,i)perylene	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0120	74–75	Qbt 3	Benzoic acid	1.7	mg/kg	U
West canyon	21-11242	MD21-01-0120	74–75	Qbt 3	Benzyl alcohol	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0120	74–75	Qbt 3	Bis(2-chloroethoxy)methane	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0120	74–75	Qbt 3	Bis(2-chloroethyl)ether	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0120	74–75	Qbt 3	Bis(2-ethylhexyl)phthalate	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0120	74–75	Qbt 3	Bromophenyl-phenylether[4-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0120	74–75	Qbt 3	Butylbenzylphthalate	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0120	74–75	Qbt 3	Chloro-3-methylphenol[4-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0120	74–75	Qbt 3	Chloroaniline[4-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0120	74–75	Qbt 3	Chloronaphthalene[2-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0120	74–75	Qbt 3	Chlorophenol[2-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0120	74–75	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0120	74–75	Qbt 3	Di-n-butylphthalate	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0120	74–75	Qbt 3	Di-n-octylphthalate	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0120	74–75	Qbt 3	Dibenzofuran	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0120	74–75	Qbt 3	Dichlorobenzene[1,2-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0120	74–75	Qbt 3	Dichlorobenzene[1,3-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0120	74–75	Qbt 3	Dichlorobenzene[1,4-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0120	74–75	Qbt 3	Dichlorobenzidine[3,3'-]	1.7	mg/kg	U
West canyon	21-11242	MD21-01-0120	74–75	Qbt 3	Dichlorophenol[2,4-]	0.34	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11242	MD21-01-0120	74–75	Qbt 3	Diethylphthalate	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0120	74–75	Qbt 3	Dimethyl phthalate	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0120	74–75	Qbt 3	Dimethylphenol[2,4-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0120	74–75	Qbt 3	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
West canyon	21-11242	MD21-01-0120	74–75	Qbt 3	Dinitrophenol[2,4-]	1.7	mg/kg	U
West canyon	21-11242	MD21-01-0120	74–75	Qbt 3	Dinitrotoluene[2,4-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0120	74–75	Qbt 3	Dinitrotoluene[2,6-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0120	74–75	Qbt 3	Hexachlorobenzene	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0120	74–75	Qbt 3	Hexachlorobutadiene	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0120	74–75	Qbt 3	Hexachlorocyclopentadiene	1.7	mg/kg	U
West canyon	21-11242	MD21-01-0120	74–75	Qbt 3	Hexachloroethane	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0120	74–75	Qbt 3	Indeno(1,2,3-cd)pyrene	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0120	74–75	Qbt 3	Isophorone	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0120	74–75	Qbt 3	Methylphenol[2-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0120	74–75	Qbt 3	Methylphenol[4-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0120	74–75	Qbt 3	Nitroaniline[2-]	1.7	mg/kg	U
West canyon	21-11242	MD21-01-0120	74–75	Qbt 3	Nitroaniline[3-]	1.7	mg/kg	U
West canyon	21-11242	MD21-01-0120	74–75	Qbt 3	Nitroaniline[4-]	1.7	mg/kg	U
West canyon	21-11242	MD21-01-0120	74–75	Qbt 3	Nitrobenzene	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0120	74–75	Qbt 3	Nitrophenol[2-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0120	74–75	Qbt 3	Nitrophenol[4-]	1.7	mg/kg	U
West canyon	21-11242	MD21-01-0120	74–75	Qbt 3	Nitroso-di-n-propylamine[N-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0120	74–75	Qbt 3	Nitrosodimethylamine[N-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0120	74–75	Qbt 3	Nitrosodiphenylamine[N-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0120	74–75	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0120	74–75	Qbt 3	Pentachlorophenol	1.7	mg/kg	U
West canyon	21-11242	MD21-01-0120	74–75	Qbt 3	Phenol	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0120	74–75	Qbt 3	Trichlorobenzene[1,2,4-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0120	74–75	Qbt 3	Trichlorophenol[2,4,5-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0120	74–75	Qbt 3	Trichlorophenol[2,4,6-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0120	74–75	Qbt 3	Trimethylbenzene[1,2,4-]	0.0068	mg/kg	U
West canyon	21-11242	MD21-01-0120	74–75	Qbt 3	Trimethylbenzene[1,3,5-]	0.0068	mg/kg	U
West canyon	21-11242	MD21-01-0121	79–80	Qbt 3	Aluminum	299	mg/kg	J
West canyon	21-11242	MD21-01-0121	79–80	Qbt 3	Antimony	0.26	mg/kg	U
West canyon	21-11242	MD21-01-0121	79–80	Qbt 3	Arsenic	1.3	mg/kg	None
West canyon	21-11242	MD21-01-0121	79–80	Qbt 3	Barium	13.9	mg/kg	J
West canyon	21-11242	MD21-01-0121	79–80	Qbt 3	Beryllium	0.61	mg/kg	None
West canyon	21-11242	MD21-01-0121	79–80	Qbt 3	Cadmium	0.27	mg/kg	U
West canyon	21-11242	MD21-01-0121	79–80	Qbt 3	Calcium	167	mg/kg	J

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11242	MD21-01-0121	79–80	Qbt 3	Chromium, total	0.28	mg/kg	J
West canyon	21-11242	MD21-01-0121	79–80	Qbt 3	Cobalt	0.49	mg/kg	J
West canyon	21-11242	MD21-01-0121	79–80	Qbt 3	Copper	1.1	mg/kg	J
West canyon	21-11242	MD21-01-0121	79–80	Qbt 3	Iron	4180	mg/kg	None
West canyon	21-11242	MD21-01-0121	79–80	Qbt 3	Magnesium	37.6	mg/kg	J
West canyon	21-11242	MD21-01-0121	79–80	Qbt 3	Manganese	300	mg/kg	None
West canyon	21-11242	MD21-01-0121	79–80	Qbt 3	Mercury	0.017	mg/kg	U
West canyon	21-11242	MD21-01-0121	79–80	Qbt 3	Nickel	0.29	mg/kg	U
West canyon	21-11242	MD21-01-0121	79–80	Qbt 3	Potassium	164	mg/kg	J
West canyon	21-11242	MD21-01-0121	79–80	Qbt 3	Selenium	0.12	mg/kg	U
West canyon	21-11242	MD21-01-0121	79–80	Qbt 3	Silver	0.43	mg/kg	U
West canyon	21-11242	MD21-01-0121	79–80	Qbt 3	Sodium	87.9	mg/kg	U
West canyon	21-11242	MD21-01-0121	79–80	Qbt 3	Thallium	0.13	mg/kg	U
West canyon	21-11242	MD21-01-0121	79–80	Qbt 3	Vanadium	1.8	mg/kg	J
West canyon	21-11242	MD21-01-0121	79–80	Qbt 3	Zinc	32.5	mg/kg	None
West canyon	21-11242	MD21-01-0121	79–80	Qbt 3	Acenaphthylene	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0121	79–80	Qbt 3	Aniline	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0121	79–80	Qbt 3	Azobenzene	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0121	79–80	Qbt 3	Benzo(g,h,i)perylene	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0121	79–80	Qbt 3	Benzoic acid	1.7	mg/kg	U
West canyon	21-11242	MD21-01-0121	79–80	Qbt 3	Benzyl alcohol	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0121	79–80	Qbt 3	Bis(2-chloroethoxy)methane	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0121	79–80	Qbt 3	Bis(2-chloroethyl)ether	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0121	79–80	Qbt 3	Bis(2-ethylhexyl)phthalate	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0121	79–80	Qbt 3	Bromophenyl-phenylether[4-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0121	79–80	Qbt 3	Butylbenzylphthalate	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0121	79–80	Qbt 3	Chloro-3-methylphenol[4-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0121	79–80	Qbt 3	Chloroaniline[4-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0121	79–80	Qbt 3	Chloronaphthalene[2-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0121	79–80	Qbt 3	Chlorophenol[2-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0121	79–80	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0121	79–80	Qbt 3	Di-n-butylphthalate	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0121	79–80	Qbt 3	Di-n-octylphthalate	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0121	79–80	Qbt 3	Dibenzofuran	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0121	79–80	Qbt 3	Dichlorobenzene[1,2-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0121	79–80	Qbt 3	Dichlorobenzene[1,3-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0121	79–80	Qbt 3	Dichlorobenzene[1,4-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0121	79–80	Qbt 3	Dichlorobenzidine[3,3'-]	1.7	mg/kg	U
West canyon	21-11242	MD21-01-0121	79–80	Qbt 3	Dichlorophenol[2,4-]	0.34	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11242	MD21-01-0121	79–80	Qbt 3	Diethylphthalate	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0121	79–80	Qbt 3	Dimethyl phthalate	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0121	79–80	Qbt 3	Dimethylphenol[2,4-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0121	79–80	Qbt 3	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
West canyon	21-11242	MD21-01-0121	79–80	Qbt 3	Dinitrophenol[2,4-]	1.7	mg/kg	U
West canyon	21-11242	MD21-01-0121	79–80	Qbt 3	Dinitrotoluene[2,4-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0121	79–80	Qbt 3	Dinitrotoluene[2,6-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0121	79–80	Qbt 3	Hexachlorobenzene	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0121	79–80	Qbt 3	Hexachlorobutadiene	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0121	79–80	Qbt 3	Hexachlorocyclopentadiene	1.7	mg/kg	U
West canyon	21-11242	MD21-01-0121	79–80	Qbt 3	Hexachloroethane	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0121	79–80	Qbt 3	Indeno(1,2,3-cd)pyrene	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0121	79–80	Qbt 3	Isophorone	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0121	79–80	Qbt 3	Methylphenol[2-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0121	79–80	Qbt 3	Methylphenol[4-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0121	79–80	Qbt 3	Nitroaniline[2-]	1.7	mg/kg	U
West canyon	21-11242	MD21-01-0121	79–80	Qbt 3	Nitroaniline[3-]	1.7	mg/kg	U
West canyon	21-11242	MD21-01-0121	79–80	Qbt 3	Nitroaniline[4-]	1.7	mg/kg	U
West canyon	21-11242	MD21-01-0121	79–80	Qbt 3	Nitrobenzene	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0121	79–80	Qbt 3	Nitrophenol[2-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0121	79–80	Qbt 3	Nitrophenol[4-]	1.7	mg/kg	U
West canyon	21-11242	MD21-01-0121	79–80	Qbt 3	Nitroso-di-n-propylamine[N-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0121	79–80	Qbt 3	Nitrosodimethylamine[N-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0121	79–80	Qbt 3	Nitrosodiphenylamine[N-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0121	79–80	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0121	79–80	Qbt 3	Pentachlorophenol	1.7	mg/kg	U
West canyon	21-11242	MD21-01-0121	79–80	Qbt 3	Phenol	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0121	79–80	Qbt 3	Trichlorobenzene[1,2,4-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0121	79–80	Qbt 3	Trichlorophenol[2,4,5-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0121	79–80	Qbt 3	Trichlorophenol[2,4,6-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0121	79–80	Qbt 3	Trimethylbenzene[1,2,4-]	0.0064	mg/kg	U
West canyon	21-11242	MD21-01-0121	79–80	Qbt 3	Trimethylbenzene[1,3,5-]	0.0064	mg/kg	U
West canyon	21-11242	MD21-01-0122	94–94.5	Qbt 2	Aluminum	262	mg/kg	J
West canyon	21-11242	MD21-01-0122	94–94.5	Qbt 2	Antimony	0.26	mg/kg	U
West canyon	21-11242	MD21-01-0122	94–94.5	Qbt 2	Arsenic	0.92	mg/kg	J
West canyon	21-11242	MD21-01-0122	94–94.5	Qbt 2	Barium	10.3	mg/kg	J
West canyon	21-11242	MD21-01-0122	94–94.5	Qbt 2	Beryllium	0.38	mg/kg	J
West canyon	21-11242	MD21-01-0122	94–94.5	Qbt 2	Cadmium	0.27	mg/kg	U
West canyon	21-11242	MD21-01-0122	94–94.5	Qbt 2	Calcium	187	mg/kg	J

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11242	MD21-01-0122	94–94.5	Qbt 2	Chromium, total	2.2	mg/kg	None
West canyon	21-11242	MD21-01-0122	94–94.5	Qbt 2	Cobalt	0.4	mg/kg	J
West canyon	21-11242	MD21-01-0122	94–94.5	Qbt 2	Copper	0.82	mg/kg	J
West canyon	21-11242	MD21-01-0122	94–94.5	Qbt 2	Iron	5400	mg/kg	None
West canyon	21-11242	MD21-01-0122	94–94.5	Qbt 2	Magnesium	55.8	mg/kg	J
West canyon	21-11242	MD21-01-0122	94–94.5	Qbt 2	Manganese	218	mg/kg	None
West canyon	21-11242	MD21-01-0122	94–94.5	Qbt 2	Mercury	0.017	mg/kg	U
West canyon	21-11242	MD21-01-0122	94–94.5	Qbt 2	Nickel	0.88	mg/kg	J
West canyon	21-11242	MD21-01-0122	94–94.5	Qbt 2	Potassium	159	mg/kg	J
West canyon	21-11242	MD21-01-0122	94–94.5	Qbt 2	Selenium	0.23	mg/kg	J
West canyon	21-11242	MD21-01-0122	94–94.5	Qbt 2	Silver	0.43	mg/kg	U
West canyon	21-11242	MD21-01-0122	94–94.5	Qbt 2	Sodium	83.7	mg/kg	U
West canyon	21-11242	MD21-01-0122	94–94.5	Qbt 2	Thallium	0.13	mg/kg	U
West canyon	21-11242	MD21-01-0122	94–94.5	Qbt 2	Vanadium	1.5	mg/kg	J
West canyon	21-11242	MD21-01-0122	94–94.5	Qbt 2	Zinc	43.7	mg/kg	None
West canyon	21-11242	MD21-01-0122	94–94.5	Qbt 2	Acenaphthylene	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0122	94–94.5	Qbt 2	Aniline	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0122	94–94.5	Qbt 2	Azobenzene	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0122	94–94.5	Qbt 2	Benzo(g,h,i)perylene	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0122	94–94.5	Qbt 2	Benzoic acid	1.7	mg/kg	U
West canyon	21-11242	MD21-01-0122	94–94.5	Qbt 2	Benzyl alcohol	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0122	94–94.5	Qbt 2	Bis(2-chloroethoxy)methane	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0122	94–94.5	Qbt 2	Bis(2-chloroethyl)ether	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0122	94–94.5	Qbt 2	Bis(2-ethylhexyl)phthalate	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0122	94–94.5	Qbt 2	Bromophenyl-phenylether[4-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0122	94–94.5	Qbt 2	Butylbenzylphthalate	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0122	94–94.5	Qbt 2	Chloro-3-methylphenol[4-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0122	94–94.5	Qbt 2	Chloroaniline[4-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0122	94–94.5	Qbt 2	Chloronaphthalene[2-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0122	94–94.5	Qbt 2	Chlorophenol[2-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0122	94–94.5	Qbt 2	Chlorophenyl-phenyl[4-] ether	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0122	94–94.5	Qbt 2	Di-n-butylphthalate	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0122	94–94.5	Qbt 2	Di-n-octylphthalate	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0122	94–94.5	Qbt 2	Dibenzofuran	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0122	94–94.5	Qbt 2	Dichlorobenzene[1,2-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0122	94–94.5	Qbt 2	Dichlorobenzene[1,3-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0122	94–94.5	Qbt 2	Dichlorobenzene[1,4-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0122	94–94.5	Qbt 2	Dichlorobenzidine[3,3'-]	1.7	mg/kg	U
West canyon	21-11242	MD21-01-0122	94–94.5	Qbt 2	Dichlorophenol[2,4-]	0.34	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11242	MD21-01-0122	94–94.5	Qbt 2	Diethylphthalate	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0122	94–94.5	Qbt 2	Dimethyl phthalate	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0122	94–94.5	Qbt 2	Dimethylphenol[2,4-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0122	94–94.5	Qbt 2	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
West canyon	21-11242	MD21-01-0122	94–94.5	Qbt 2	Dinitrophenol[2,4-]	1.7	mg/kg	U
West canyon	21-11242	MD21-01-0122	94–94.5	Qbt 2	Dinitrotoluene[2,4-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0122	94–94.5	Qbt 2	Dinitrotoluene[2,6-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0122	94–94.5	Qbt 2	Hexachlorobenzene	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0122	94–94.5	Qbt 2	Hexachlorobutadiene	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0122	94–94.5	Qbt 2	Hexachlorocyclopentadiene	1.7	mg/kg	U
West canyon	21-11242	MD21-01-0122	94–94.5	Qbt 2	Hexachloroethane	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0122	94–94.5	Qbt 2	Indeno(1,2,3-cd)pyrene	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0122	94–94.5	Qbt 2	Isophorone	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0122	94–94.5	Qbt 2	Methylphenol[2-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0122	94–94.5	Qbt 2	Methylphenol[4-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0122	94–94.5	Qbt 2	Nitroaniline[2-]	1.7	mg/kg	U
West canyon	21-11242	MD21-01-0122	94–94.5	Qbt 2	Nitroaniline[3-]	1.7	mg/kg	U
West canyon	21-11242	MD21-01-0122	94–94.5	Qbt 2	Nitroaniline[4-]	1.7	mg/kg	U
West canyon	21-11242	MD21-01-0122	94–94.5	Qbt 2	Nitrobenzene	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0122	94–94.5	Qbt 2	Nitrophenol[2-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0122	94–94.5	Qbt 2	Nitrophenol[4-]	1.7	mg/kg	U
West canyon	21-11242	MD21-01-0122	94–94.5	Qbt 2	Nitroso-di-n-propylamine[N-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0122	94–94.5	Qbt 2	Nitrosodimethylamine[N-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0122	94–94.5	Qbt 2	Nitrosodiphenylamine[N-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0122	94–94.5	Qbt 2	Oxybis(1-chloropropane)[2,2'-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0122	94–94.5	Qbt 2	Pentachlorophenol	1.7	mg/kg	U
West canyon	21-11242	MD21-01-0122	94–94.5	Qbt 2	Phenol	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0122	94–94.5	Qbt 2	Trichlorobenzene[1,2,4-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0122	94–94.5	Qbt 2	Trichlorophenol[2,4,5-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0122	94–94.5	Qbt 2	Trichlorophenol[2,4,6-]	0.34	mg/kg	U
West canyon	21-11242	MD21-01-0122	94–94.5	Qbt 2	Trimethylbenzene[1,2,4-]	0.0081	mg/kg	U
West canyon	21-11242	MD21-01-0122	94–94.5	Qbt 2	Trimethylbenzene[1,3,5-]	0.0081	mg/kg	U
West canyon	21-11243	MD21-01-0123	84–85	Qbt 3	Aluminum	382	mg/kg	J
West canyon	21-11243	MD21-01-0123	84–85	Qbt 3	Antimony	0.26	mg/kg	U
West canyon	21-11243	MD21-01-0123	84–85	Qbt 3	Arsenic	1	mg/kg	None
West canyon	21-11243	MD21-01-0123	84–85	Qbt 3	Barium	12.8	mg/kg	J
West canyon	21-11243	MD21-01-0123	84–85	Qbt 3	Beryllium	0.7	mg/kg	J
West canyon	21-11243	MD21-01-0123	84–85	Qbt 3	Cadmium	0.027	mg/kg	U
West canyon	21-11243	MD21-01-0123	84–85	Qbt 3	Calcium	262	mg/kg	J

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11243	MD21-01-0123	84–85	Qbt 3	Chromium, total	13.8	mg/kg	None
West canyon	21-11243	MD21-01-0123	84–85	Qbt 3	Cobalt	0.43	mg/kg	J
West canyon	21-11243	MD21-01-0123	84–85	Qbt 3	Copper	1.4	mg/kg	J
West canyon	21-11243	MD21-01-0123	84–85	Qbt 3	Iron	3780	mg/kg	None
West canyon	21-11243	MD21-01-0123	84–85	Qbt 3	Magnesium	49.6	mg/kg	J
West canyon	21-11243	MD21-01-0123	84–85	Qbt 3	Manganese	251	mg/kg	None
West canyon	21-11243	MD21-01-0123	84–85	Qbt 3	Mercury	0.017	mg/kg	U
West canyon	21-11243	MD21-01-0123	84–85	Qbt 3	Nickel	6.5	mg/kg	None
West canyon	21-11243	MD21-01-0123	84–85	Qbt 3	Potassium	306	mg/kg	J
West canyon	21-11243	MD21-01-0123	84–85	Qbt 3	Selenium	0.13	mg/kg	U
West canyon	21-11243	MD21-01-0123	84–85	Qbt 3	Silver	0.44	mg/kg	U
West canyon	21-11243	MD21-01-0123	84–85	Qbt 3	Sodium	143	mg/kg	U
West canyon	21-11243	MD21-01-0123	84–85	Qbt 3	Thallium	0.14	mg/kg	U
West canyon	21-11243	MD21-01-0123	84–85	Qbt 3	Vanadium	1.5	mg/kg	J
West canyon	21-11243	MD21-01-0123	84–85	Qbt 3	Zinc	23	mg/kg	None
West canyon	21-11243	MD21-01-0123	84–85	Qbt 3	Acenaphthylene	0.35	mg/kg	U
West canyon	21-11243	MD21-01-0123	84–85	Qbt 3	Aniline	0.35	mg/kg	U
West canyon	21-11243	MD21-01-0123	84–85	Qbt 3	Azobenzene	0.35	mg/kg	U
West canyon	21-11243	MD21-01-0123	84–85	Qbt 3	Benzo(g,h,i)perylene	0.35	mg/kg	U
West canyon	21-11243	MD21-01-0123	84–85	Qbt 3	Benzoic acid	1.7	mg/kg	U
West canyon	21-11243	MD21-01-0123	84–85	Qbt 3	Benzyl alcohol	0.35	mg/kg	U
West canyon	21-11243	MD21-01-0123	84–85	Qbt 3	Bis(2-chloroethoxy)methane	0.35	mg/kg	U
West canyon	21-11243	MD21-01-0123	84–85	Qbt 3	Bis(2-chloroethyl)ether	0.35	mg/kg	U
West canyon	21-11243	MD21-01-0123	84–85	Qbt 3	Bis(2-ethylhexyl)phthalate	0.35	mg/kg	U
West canyon	21-11243	MD21-01-0123	84–85	Qbt 3	Bromophenyl-phenylether[4-]	0.35	mg/kg	U
West canyon	21-11243	MD21-01-0123	84–85	Qbt 3	Butylbenzylphthalate	0.35	mg/kg	U
West canyon	21-11243	MD21-01-0123	84–85	Qbt 3	Chloro-3-methylphenol[4-]	0.35	mg/kg	U
West canyon	21-11243	MD21-01-0123	84–85	Qbt 3	Chloroaniline[4-]	0.35	mg/kg	U
West canyon	21-11243	MD21-01-0123	84–85	Qbt 3	Chloronaphthalene[2-]	0.35	mg/kg	U
West canyon	21-11243	MD21-01-0123	84–85	Qbt 3	Chlorophenol[2-]	0.35	mg/kg	U
West canyon	21-11243	MD21-01-0123	84–85	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.35	mg/kg	U
West canyon	21-11243	MD21-01-0123	84–85	Qbt 3	Di-n-butylphthalate	0.35	mg/kg	U
West canyon	21-11243	MD21-01-0123	84–85	Qbt 3	Di-n-octylphthalate	0.35	mg/kg	U
West canyon	21-11243	MD21-01-0123	84–85	Qbt 3	Dibenzofuran	0.35	mg/kg	U
West canyon	21-11243	MD21-01-0123	84–85	Qbt 3	Dichlorobenzene[1,2-]	0.35	mg/kg	U
West canyon	21-11243	MD21-01-0123	84–85	Qbt 3	Dichlorobenzene[1,3-]	0.35	mg/kg	U
West canyon	21-11243	MD21-01-0123	84–85	Qbt 3	Dichlorobenzene[1,4-]	0.35	mg/kg	U
West canyon	21-11243	MD21-01-0123	84–85	Qbt 3	Dichlorobenzidine[3,3'-]	1.7	mg/kg	U
West canyon	21-11243	MD21-01-0123	84–85	Qbt 3	Dichlorophenol[2,4-]	0.35	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11243	MD21-01-0123	84–85	Qbt 3	Diethylphthalate	0.35	mg/kg	U
West canyon	21-11243	MD21-01-0123	84–85	Qbt 3	Dimethyl phthalate	0.35	mg/kg	U
West canyon	21-11243	MD21-01-0123	84–85	Qbt 3	Dimethylphenol[2,4-]	0.35	mg/kg	U
West canyon	21-11243	MD21-01-0123	84–85	Qbt 3	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
West canyon	21-11243	MD21-01-0123	84–85	Qbt 3	Dinitrophenol[2,4-]	1.7	mg/kg	U
West canyon	21-11243	MD21-01-0123	84–85	Qbt 3	Dinitrotoluene[2,4-]	0.35	mg/kg	U
West canyon	21-11243	MD21-01-0123	84–85	Qbt 3	Dinitrotoluene[2,6-]	0.35	mg/kg	U
West canyon	21-11243	MD21-01-0123	84–85	Qbt 3	Hexachlorobenzene	0.35	mg/kg	U
West canyon	21-11243	MD21-01-0123	84–85	Qbt 3	Hexachlorobutadiene	0.35	mg/kg	U
West canyon	21-11243	MD21-01-0123	84–85	Qbt 3	Hexachlorocyclopentadiene	1.7	mg/kg	U
West canyon	21-11243	MD21-01-0123	84–85	Qbt 3	Hexachloroethane	0.35	mg/kg	U
West canyon	21-11243	MD21-01-0123	84–85	Qbt 3	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	U
West canyon	21-11243	MD21-01-0123	84–85	Qbt 3	Isophorone	0.35	mg/kg	U
West canyon	21-11243	MD21-01-0123	84–85	Qbt 3	Methylphenol[2-]	0.35	mg/kg	U
West canyon	21-11243	MD21-01-0123	84–85	Qbt 3	Methylphenol[4-]	0.35	mg/kg	U
West canyon	21-11243	MD21-01-0123	84–85	Qbt 3	Nitroaniline[2-]	1.7	mg/kg	U
West canyon	21-11243	MD21-01-0123	84–85	Qbt 3	Nitroaniline[3-]	1.7	mg/kg	U
West canyon	21-11243	MD21-01-0123	84–85	Qbt 3	Nitroaniline[4-]	1.7	mg/kg	U
West canyon	21-11243	MD21-01-0123	84–85	Qbt 3	Nitrobenzene	0.35	mg/kg	U
West canyon	21-11243	MD21-01-0123	84–85	Qbt 3	Nitrophenol[2-]	0.35	mg/kg	U
West canyon	21-11243	MD21-01-0123	84–85	Qbt 3	Nitrophenol[4-]	1.7	mg/kg	U
West canyon	21-11243	MD21-01-0123	84–85	Qbt 3	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	U
West canyon	21-11243	MD21-01-0123	84–85	Qbt 3	Nitrosodimethylamine[N-]	0.35	mg/kg	U
West canyon	21-11243	MD21-01-0123	84–85	Qbt 3	Nitrosodiphenylamine[N-]	0.35	mg/kg	U
West canyon	21-11243	MD21-01-0123	84–85	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	U
West canyon	21-11243	MD21-01-0123	84–85	Qbt 3	Pentachlorophenol	1.7	mg/kg	U
West canyon	21-11243	MD21-01-0123	84–85	Qbt 3	Phenol	0.35	mg/kg	U
West canyon	21-11243	MD21-01-0123	84–85	Qbt 3	Trichlorobenzene[1,2,4-]	0.35	mg/kg	U
West canyon	21-11243	MD21-01-0123	84–85	Qbt 3	Trichlorophenol[2,4,5-]	0.35	mg/kg	U
West canyon	21-11243	MD21-01-0123	84–85	Qbt 3	Trichlorophenol[2,4,6-]	0.35	mg/kg	U
West canyon	21-11243	MD21-01-0123	84–85	Qbt 3	Trimethylbenzene[1,2,4-]	0.006	mg/kg	U
West canyon	21-11243	MD21-01-0123	84–85	Qbt 3	Trimethylbenzene[1,3,5-]	0.006	mg/kg	U
West canyon	21-11243	MD21-01-0124	44–45	Qbt 3	Aluminum	488	mg/kg	J
West canyon	21-11243	MD21-01-0124	44–45	Qbt 3	Antimony	0.26	mg/kg	U
West canyon	21-11243	MD21-01-0124	44–45	Qbt 3	Arsenic	1.1	mg/kg	None
West canyon	21-11243	MD21-01-0124	44–45	Qbt 3	Barium	17.3	mg/kg	J
West canyon	21-11243	MD21-01-0124	44–45	Qbt 3	Beryllium	0.53	mg/kg	None
West canyon	21-11243	MD21-01-0124	44–45	Qbt 3	Cadmium	0.027	mg/kg	U
West canyon	21-11243	MD21-01-0124	44–45	Qbt 3	Calcium	261	mg/kg	J

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11243	MD21-01-0124	44–45	Qbt 3	Chromium, total	0.27	mg/kg	J
West canyon	21-11243	MD21-01-0124	44–45	Qbt 3	Cobalt	0.51	mg/kg	J
West canyon	21-11243	MD21-01-0124	44–45	Qbt 3	Copper	1.7	mg/kg	J
West canyon	21-11243	MD21-01-0124	44–45	Qbt 3	Iron	5210	mg/kg	None
West canyon	21-11243	MD21-01-0124	44–45	Qbt 3	Magnesium	103	mg/kg	J
West canyon	21-11243	MD21-01-0124	44–45	Qbt 3	Manganese	421	mg/kg	None
West canyon	21-11243	MD21-01-0124	44–45	Qbt 3	Mercury	0.017	mg/kg	U
West canyon	21-11243	MD21-01-0124	44–45	Qbt 3	Nickel	0.39	mg/kg	J
West canyon	21-11243	MD21-01-0124	44–45	Qbt 3	Potassium	199	mg/kg	J
West canyon	21-11243	MD21-01-0124	44–45	Qbt 3	Selenium	0.12	mg/kg	U
West canyon	21-11243	MD21-01-0124	44–45	Qbt 3	Silver	0.43	mg/kg	U
West canyon	21-11243	MD21-01-0124	44–45	Qbt 3	Sodium	99.1	mg/kg	U
West canyon	21-11243	MD21-01-0124	44–45	Qbt 3	Thallium	0.13	mg/kg	U
West canyon	21-11243	MD21-01-0124	44–45	Qbt 3	Vanadium	2.5	mg/kg	J
West canyon	21-11243	MD21-01-0124	44–45	Qbt 3	Zinc	34.9	mg/kg	None
West canyon	21-11243	MD21-01-0124	44–45	Qbt 3	Acenaphthylene	0.34	mg/kg	U
West canyon	21-11243	MD21-01-0124	44–45	Qbt 3	Aniline	0.34	mg/kg	U
West canyon	21-11243	MD21-01-0124	44–45	Qbt 3	Azobenzene	0.34	mg/kg	U
West canyon	21-11243	MD21-01-0124	44–45	Qbt 3	Benzo(g,h,i)perylene	0.34	mg/kg	U
West canyon	21-11243	MD21-01-0124	44–45	Qbt 3	Benzoic acid	1.6	mg/kg	U
West canyon	21-11243	MD21-01-0124	44–45	Qbt 3	Benzyl alcohol	0.34	mg/kg	U
West canyon	21-11243	MD21-01-0124	44–45	Qbt 3	Bis(2-chloroethoxy)methane	0.34	mg/kg	U
West canyon	21-11243	MD21-01-0124	44–45	Qbt 3	Bis(2-chloroethyl)ether	0.34	mg/kg	U
West canyon	21-11243	MD21-01-0124	44–45	Qbt 3	Bis(2-ethylhexyl)phthalate	0.34	mg/kg	U
West canyon	21-11243	MD21-01-0124	44–45	Qbt 3	Bromophenyl-phenylether[4-]	0.34	mg/kg	U
West canyon	21-11243	MD21-01-0124	44–45	Qbt 3	Butylbenzylphthalate	0.34	mg/kg	U
West canyon	21-11243	MD21-01-0124	44–45	Qbt 3	Chloro-3-methylphenol[4-]	0.34	mg/kg	U
West canyon	21-11243	MD21-01-0124	44–45	Qbt 3	Chloroaniline[4-]	0.34	mg/kg	U
West canyon	21-11243	MD21-01-0124	44–45	Qbt 3	Chloronaphthalene[2-]	0.34	mg/kg	U
West canyon	21-11243	MD21-01-0124	44–45	Qbt 3	Chlorophenol[2-]	0.34	mg/kg	U
West canyon	21-11243	MD21-01-0124	44–45	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.34	mg/kg	U
West canyon	21-11243	MD21-01-0124	44–45	Qbt 3	Di-n-butylphthalate	0.34	mg/kg	U
West canyon	21-11243	MD21-01-0124	44–45	Qbt 3	Di-n-octylphthalate	0.34	mg/kg	U
West canyon	21-11243	MD21-01-0124	44–45	Qbt 3	Dibenzofuran	0.34	mg/kg	U
West canyon	21-11243	MD21-01-0124	44–45	Qbt 3	Dichlorobenzene[1,2-]	0.34	mg/kg	U
West canyon	21-11243	MD21-01-0124	44–45	Qbt 3	Dichlorobenzene[1,3-]	0.34	mg/kg	U
West canyon	21-11243	MD21-01-0124	44–45	Qbt 3	Dichlorobenzene[1,4-]	0.34	mg/kg	U
West canyon	21-11243	MD21-01-0124	44–45	Qbt 3	Dichlorobenzidine[3,3'-]	1.6	mg/kg	U
West canyon	21-11243	MD21-01-0124	44–45	Qbt 3	Dichlorophenol[2,4-]	0.34	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11243	MD21-01-0124	44–45	Qbt 3	Diethylphthalate	0.34	mg/kg	U
West canyon	21-11243	MD21-01-0124	44–45	Qbt 3	Dimethyl phthalate	0.34	mg/kg	U
West canyon	21-11243	MD21-01-0124	44–45	Qbt 3	Dimethylphenol[2,4-]	0.34	mg/kg	U
West canyon	21-11243	MD21-01-0124	44–45	Qbt 3	Dinitro-2-methylphenol[4,6-]	1.6	mg/kg	U
West canyon	21-11243	MD21-01-0124	44–45	Qbt 3	Dinitrophenol[2,4-]	1.6	mg/kg	U
West canyon	21-11243	MD21-01-0124	44–45	Qbt 3	Dinitrotoluene[2,4-]	0.34	mg/kg	U
West canyon	21-11243	MD21-01-0124	44–45	Qbt 3	Dinitrotoluene[2,6-]	0.34	mg/kg	U
West canyon	21-11243	MD21-01-0124	44–45	Qbt 3	Hexachlorobenzene	0.34	mg/kg	U
West canyon	21-11243	MD21-01-0124	44–45	Qbt 3	Hexachlorobutadiene	0.34	mg/kg	U
West canyon	21-11243	MD21-01-0124	44–45	Qbt 3	Hexachlorocyclopentadiene	1.6	mg/kg	U
West canyon	21-11243	MD21-01-0124	44–45	Qbt 3	Hexachloroethane	0.34	mg/kg	U
West canyon	21-11243	MD21-01-0124	44–45	Qbt 3	Indeno(1,2,3-cd)pyrene	0.34	mg/kg	U
West canyon	21-11243	MD21-01-0124	44–45	Qbt 3	Isophorone	0.34	mg/kg	U
West canyon	21-11243	MD21-01-0124	44–45	Qbt 3	Methylphenol[2-]	0.34	mg/kg	U
West canyon	21-11243	MD21-01-0124	44–45	Qbt 3	Methylphenol[4-]	0.34	mg/kg	U
West canyon	21-11243	MD21-01-0124	44–45	Qbt 3	Nitroaniline[2-]	1.6	mg/kg	U
West canyon	21-11243	MD21-01-0124	44–45	Qbt 3	Nitroaniline[3-]	1.6	mg/kg	U
West canyon	21-11243	MD21-01-0124	44–45	Qbt 3	Nitroaniline[4-]	1.6	mg/kg	U
West canyon	21-11243	MD21-01-0124	44–45	Qbt 3	Nitrobenzene	0.34	mg/kg	U
West canyon	21-11243	MD21-01-0124	44–45	Qbt 3	Nitrophenol[2-]	0.34	mg/kg	U
West canyon	21-11243	MD21-01-0124	44–45	Qbt 3	Nitrophenol[4-]	1.6	mg/kg	U
West canyon	21-11243	MD21-01-0124	44–45	Qbt 3	Nitroso-di-n-propylamine[N-]	0.34	mg/kg	U
West canyon	21-11243	MD21-01-0124	44–45	Qbt 3	Nitrosodimethylamine[N-]	0.34	mg/kg	U
West canyon	21-11243	MD21-01-0124	44–45	Qbt 3	Nitrosodiphenylamine[N-]	0.34	mg/kg	U
West canyon	21-11243	MD21-01-0124	44–45	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.34	mg/kg	U
West canyon	21-11243	MD21-01-0124	44–45	Qbt 3	Pentachlorophenol	1.6	mg/kg	U
West canyon	21-11243	MD21-01-0124	44–45	Qbt 3	Phenol	0.34	mg/kg	U
West canyon	21-11243	MD21-01-0124	44–45	Qbt 3	Trichlorobenzene[1,2,4-]	0.34	mg/kg	U
West canyon	21-11243	MD21-01-0124	44–45	Qbt 3	Trichlorophenol[2,4,5-]	0.34	mg/kg	U
West canyon	21-11243	MD21-01-0124	44–45	Qbt 3	Trichlorophenol[2,4,6-]	0.34	mg/kg	U
West canyon	21-11243	MD21-01-0124	44–45	Qbt 3	Trimethylbenzene[1,2,4-]	0.0057	mg/kg	U
West canyon	21-11243	MD21-01-0124	44–45	Qbt 3	Trimethylbenzene[1,3,5-]	0.0057	mg/kg	U
West canyon	21-11243	MD21-01-0125	39–40	Qbt 3	Aluminum	735	mg/kg	J
West canyon	21-11243	MD21-01-0125	39–40	Qbt 3	Antimony	0.26	mg/kg	U
West canyon	21-11243	MD21-01-0125	39–40	Qbt 3	Arsenic	1	mg/kg	J
West canyon	21-11243	MD21-01-0125	39–40	Qbt 3	Barium	25.2	mg/kg	None
West canyon	21-11243	MD21-01-0125	39–40	Qbt 3	Beryllium	0.4	mg/kg	J
West canyon	21-11243	MD21-01-0125	39–40	Qbt 3	Cadmium	0.027	mg/kg	U
West canyon	21-11243	MD21-01-0125	39–40	Qbt 3	Calcium	250	mg/kg	J

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11243	MD21-01-0125	39–40	Qbt 3	Chromium, total	0.56	mg/kg	J
West canyon	21-11243	MD21-01-0125	39–40	Qbt 3	Cobalt	0.49	mg/kg	J
West canyon	21-11243	MD21-01-0125	39–40	Qbt 3	Copper	3.1	mg/kg	None
West canyon	21-11243	MD21-01-0125	39–40	Qbt 3	Iron	4310	mg/kg	None
West canyon	21-11243	MD21-01-0125	39–40	Qbt 3	Magnesium	122	mg/kg	J
West canyon	21-11243	MD21-01-0125	39–40	Qbt 3	Manganese	363	mg/kg	None
West canyon	21-11243	MD21-01-0125	39–40	Qbt 3	Mercury	0.017	mg/kg	U
West canyon	21-11243	MD21-01-0125	39–40	Qbt 3	Nickel	1.3	mg/kg	J
West canyon	21-11243	MD21-01-0125	39–40	Qbt 3	Potassium	266	mg/kg	J
West canyon	21-11243	MD21-01-0125	39–40	Qbt 3	Selenium	0.12	mg/kg	U
West canyon	21-11243	MD21-01-0125	39–40	Qbt 3	Silver	0.43	mg/kg	U
West canyon	21-11243	MD21-01-0125	39–40	Qbt 3	Sodium	145	mg/kg	U
West canyon	21-11243	MD21-01-0125	39–40	Qbt 3	Thallium	0.13	mg/kg	U
West canyon	21-11243	MD21-01-0125	39–40	Qbt 3	Vanadium	2.1	mg/kg	J
West canyon	21-11243	MD21-01-0125	39–40	Qbt 3	Zinc	29.9	mg/kg	None
West canyon	21-11243	MD21-01-0125	39–40	Qbt 3	Acenaphthylene	0.34	mg/kg	U
West canyon	21-11243	MD21-01-0125	39–40	Qbt 3	Aniline	0.34	mg/kg	U
West canyon	21-11243	MD21-01-0125	39–40	Qbt 3	Azobenzene	0.34	mg/kg	U
West canyon	21-11243	MD21-01-0125	39–40	Qbt 3	Benzo(g,h,i)perylene	0.34	mg/kg	U
West canyon	21-11243	MD21-01-0125	39–40	Qbt 3	Benzoic acid	1.7	mg/kg	U
West canyon	21-11243	MD21-01-0125	39–40	Qbt 3	Benzyl alcohol	0.34	mg/kg	U
West canyon	21-11243	MD21-01-0125	39–40	Qbt 3	Bis(2-chloroethoxy)methane	0.34	mg/kg	U
West canyon	21-11243	MD21-01-0125	39–40	Qbt 3	Bis(2-chloroethyl)ether	0.34	mg/kg	U
West canyon	21-11243	MD21-01-0125	39–40	Qbt 3	Bis(2-ethylhexyl)phthalate	0.34	mg/kg	U
West canyon	21-11243	MD21-01-0125	39–40	Qbt 3	Bromophenyl-phenylether[4-]	0.34	mg/kg	U
West canyon	21-11243	MD21-01-0125	39–40	Qbt 3	Butylbenzylphthalate	0.34	mg/kg	U
West canyon	21-11243	MD21-01-0125	39–40	Qbt 3	Chloro-3-methylphenol[4-]	0.34	mg/kg	U
West canyon	21-11243	MD21-01-0125	39–40	Qbt 3	Chloroaniline[4-]	0.34	mg/kg	U
West canyon	21-11243	MD21-01-0125	39–40	Qbt 3	Chloronaphthalene[2-]	0.34	mg/kg	U
West canyon	21-11243	MD21-01-0125	39–40	Qbt 3	Chlorophenol[2-]	0.34	mg/kg	U
West canyon	21-11243	MD21-01-0125	39–40	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.34	mg/kg	U
West canyon	21-11243	MD21-01-0125	39–40	Qbt 3	Di-n-butylphthalate	0.34	mg/kg	U
West canyon	21-11243	MD21-01-0125	39–40	Qbt 3	Di-n-octylphthalate	0.34	mg/kg	U
West canyon	21-11243	MD21-01-0125	39–40	Qbt 3	Dibenzofuran	0.34	mg/kg	U
West canyon	21-11243	MD21-01-0125	39–40	Qbt 3	Dichlorobenzene[1,2-]	0.34	mg/kg	U
West canyon	21-11243	MD21-01-0125	39–40	Qbt 3	Dichlorobenzene[1,3-]	0.34	mg/kg	U
West canyon	21-11243	MD21-01-0125	39–40	Qbt 3	Dichlorobenzene[1,4-]	0.34	mg/kg	U
West canyon	21-11243	MD21-01-0125	39–40	Qbt 3	Dichlorobenzidine[3,3'-]	1.7	mg/kg	U
West canyon	21-11243	MD21-01-0125	39–40	Qbt 3	Dichlorophenol[2,4-]	0.34	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11243	MD21-01-0125	39–40	Qbt 3	Diethylphthalate	0.34	mg/kg	U
West canyon	21-11243	MD21-01-0125	39–40	Qbt 3	Dimethyl phthalate	0.34	mg/kg	U
West canyon	21-11243	MD21-01-0125	39–40	Qbt 3	Dimethylphenol[2,4-]	0.34	mg/kg	U
West canyon	21-11243	MD21-01-0125	39–40	Qbt 3	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
West canyon	21-11243	MD21-01-0125	39–40	Qbt 3	Dinitrophenol[2,4-]	1.7	mg/kg	U
West canyon	21-11243	MD21-01-0125	39–40	Qbt 3	Dinitrotoluene[2,4-]	0.34	mg/kg	U
West canyon	21-11243	MD21-01-0125	39–40	Qbt 3	Dinitrotoluene[2,6-]	0.34	mg/kg	U
West canyon	21-11243	MD21-01-0125	39–40	Qbt 3	Hexachlorobenzene	0.34	mg/kg	U
West canyon	21-11243	MD21-01-0125	39–40	Qbt 3	Hexachlorobutadiene	0.34	mg/kg	U
West canyon	21-11243	MD21-01-0125	39–40	Qbt 3	Hexachlorocyclopentadiene	1.7	mg/kg	U
West canyon	21-11243	MD21-01-0125	39–40	Qbt 3	Hexachloroethane	0.34	mg/kg	U
West canyon	21-11243	MD21-01-0125	39–40	Qbt 3	Indeno(1,2,3-cd)pyrene	0.34	mg/kg	U
West canyon	21-11243	MD21-01-0125	39–40	Qbt 3	Isophorone	0.34	mg/kg	U
West canyon	21-11243	MD21-01-0125	39–40	Qbt 3	Methylphenol[2-]	0.34	mg/kg	U
West canyon	21-11243	MD21-01-0125	39–40	Qbt 3	Methylphenol[4-]	0.34	mg/kg	U
West canyon	21-11243	MD21-01-0125	39–40	Qbt 3	Nitroaniline[2-]	1.7	mg/kg	U
West canyon	21-11243	MD21-01-0125	39–40	Qbt 3	Nitroaniline[3-]	1.7	mg/kg	U
West canyon	21-11243	MD21-01-0125	39–40	Qbt 3	Nitroaniline[4-]	1.7	mg/kg	U
West canyon	21-11243	MD21-01-0125	39–40	Qbt 3	Nitrobenzene	0.34	mg/kg	U
West canyon	21-11243	MD21-01-0125	39–40	Qbt 3	Nitrophenol[2-]	0.34	mg/kg	U
West canyon	21-11243	MD21-01-0125	39–40	Qbt 3	Nitrophenol[4-]	1.7	mg/kg	U
West canyon	21-11243	MD21-01-0125	39–40	Qbt 3	Nitroso-di-n-propylamine[N-]	0.34	mg/kg	U
West canyon	21-11243	MD21-01-0125	39–40	Qbt 3	Nitrosodimethylamine[N-]	0.34	mg/kg	U
West canyon	21-11243	MD21-01-0125	39–40	Qbt 3	Nitrosodiphenylamine[N-]	0.34	mg/kg	U
West canyon	21-11243	MD21-01-0125	39–40	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.34	mg/kg	U
West canyon	21-11243	MD21-01-0125	39–40	Qbt 3	Pentachlorophenol	1.7	mg/kg	U
West canyon	21-11243	MD21-01-0125	39–40	Qbt 3	Phenol	0.34	mg/kg	U
West canyon	21-11243	MD21-01-0125	39–40	Qbt 3	Trichlorobenzene[1,2,4-]	0.34	mg/kg	U
West canyon	21-11243	MD21-01-0125	39–40	Qbt 3	Trichlorophenol[2,4,5-]	0.34	mg/kg	U
West canyon	21-11243	MD21-01-0125	39–40	Qbt 3	Trichlorophenol[2,4,6-]	0.34	mg/kg	U
West canyon	21-11243	MD21-01-0125	39–40	Qbt 3	Trimethylbenzene[1,2,4-]	0.0058	mg/kg	U
West canyon	21-11243	MD21-01-0125	39–40	Qbt 3	Trimethylbenzene[1,3,5-]	0.0058	mg/kg	U
West canyon	21-11248	MD21-01-0142	0–0.5	Sediment	Aluminum	4110	mg/kg	None
West canyon	21-11248	MD21-01-0142	0–0.5	Sediment	Antimony	0.3	mg/kg	U
West canyon	21-11248	MD21-01-0142	0–0.5	Sediment	Arsenic	1.4	mg/kg	None
West canyon	21-11248	MD21-01-0142	0–0.5	Sediment	Barium	37.1	mg/kg	None
West canyon	21-11248	MD21-01-0142	0–0.5	Sediment	Beryllium	0.43	mg/kg	J
West canyon	21-11248	MD21-01-0142	0–0.5	Sediment	Cadmium	0.02	mg/kg	U
West canyon	21-11248	MD21-01-0142	0–0.5	Sediment	Calcium	6950	mg/kg	J+

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11248	MD21-01-0142	0–0.5	Sediment	Chromium, total	5.2	mg/kg	J-
West canyon	21-11248	MD21-01-0142	0–0.5	Sediment	Cobalt	2.2	mg/kg	J
West canyon	21-11248	MD21-01-0142	0–0.5	Sediment	Copper	10.1	mg/kg	None
West canyon	21-11248	MD21-01-0142	0–0.5	Sediment	Iron	5110	mg/kg	None
West canyon	21-11248	MD21-01-0142	0–0.5	Sediment	Magnesium	632	mg/kg	J
West canyon	21-11248	MD21-01-0142	0–0.5	Sediment	Manganese	114	mg/kg	None
West canyon	21-11248	MD21-01-0142	0–0.5	Sediment	Mercury	0.025	mg/kg	J
West canyon	21-11248	MD21-01-0142	0–0.5	Sediment	Nickel	3.2	mg/kg	J
West canyon	21-11248	MD21-01-0142	0–0.5	Sediment	Potassium	256	mg/kg	J
West canyon	21-11248	MD21-01-0142	0–0.5	Sediment	Selenium	0.16	mg/kg	U
West canyon	21-11248	MD21-01-0142	0–0.5	Sediment	Silver	0.57	mg/kg	U
West canyon	21-11248	MD21-01-0142	0–0.5	Sediment	Sodium	50.7	mg/kg	J
West canyon	21-11248	MD21-01-0142	0–0.5	Sediment	Thallium	0.2	mg/kg	U
West canyon	21-11248	MD21-01-0142	0–0.5	Sediment	Vanadium	9.1	mg/kg	None
West canyon	21-11248	MD21-01-0142	0–0.5	Sediment	Zinc	42	mg/kg	None
West canyon	21-11248	MD21-01-0142	0–0.5	Sediment	Acenaphthylene	0.41	mg/kg	U
West canyon	21-11248	MD21-01-0142	0–0.5	Sediment	Aniline	0.41	mg/kg	U
West canyon	21-11248	MD21-01-0142	0–0.5	Sediment	Azobenzene	0.41	mg/kg	U
West canyon	21-11248	MD21-01-0142	0–0.5	Sediment	Benzo(g,h,i)perylene	0.41	mg/kg	U
West canyon	21-11248	MD21-01-0142	0–0.5	Sediment	Benzoic acid	2	mg/kg	U
West canyon	21-11248	MD21-01-0142	0–0.5	Sediment	Benzyl alcohol	0.41	mg/kg	U
West canyon	21-11248	MD21-01-0142	0–0.5	Sediment	Bis(2-chloroethoxy)methane	0.41	mg/kg	U
West canyon	21-11248	MD21-01-0142	0–0.5	Sediment	Bis(2-chloroethyl)ether	0.41	mg/kg	U
West canyon	21-11248	MD21-01-0142	0–0.5	Sediment	Bis(2-ethylhexyl)phthalate	0.15	mg/kg	J
West canyon	21-11248	MD21-01-0142	0–0.5	Sediment	Bromophenyl-phenylether[4-]	0.41	mg/kg	U
West canyon	21-11248	MD21-01-0142	0–0.5	Sediment	Butylbenzylphthalate	0.41	mg/kg	U
West canyon	21-11248	MD21-01-0142	0–0.5	Sediment	Chloro-3-methylphenol[4-]	0.41	mg/kg	U
West canyon	21-11248	MD21-01-0142	0–0.5	Sediment	Chloroaniline[4-]	0.41	mg/kg	U
West canyon	21-11248	MD21-01-0142	0–0.5	Sediment	Chloronaphthalene[2-]	0.41	mg/kg	U
West canyon	21-11248	MD21-01-0142	0–0.5	Sediment	Chlorophenol[2-]	0.41	mg/kg	U
West canyon	21-11248	MD21-01-0142	0–0.5	Sediment	Chlorophenyl-phenyl[4-] ether	0.41	mg/kg	U
West canyon	21-11248	MD21-01-0142	0–0.5	Sediment	Di-n-butylphthalate	0.41	mg/kg	U
West canyon	21-11248	MD21-01-0142	0–0.5	Sediment	Di-n-octylphthalate	0.41	mg/kg	U
West canyon	21-11248	MD21-01-0142	0–0.5	Sediment	Dibenzofuran	0.41	mg/kg	U
West canyon	21-11248	MD21-01-0142	0–0.5	Sediment	Dichlorobenzene[1,2-]	0.41	mg/kg	U
West canyon	21-11248	MD21-01-0142	0–0.5	Sediment	Dichlorobenzene[1,3-]	0.41	mg/kg	U
West canyon	21-11248	MD21-01-0142	0–0.5	Sediment	Dichlorobenzene[1,4-]	0.41	mg/kg	U
West canyon	21-11248	MD21-01-0142	0–0.5	Sediment	Dichlorobenzidine[3,3'-]	2	mg/kg	U
West canyon	21-11248	MD21-01-0142	0–0.5	Sediment	Dichlorophenol[2,4-]	0.41	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11248	MD21-01-0142	0–0.5	Sediment	Diethylphthalate	0.41	mg/kg	U
West canyon	21-11248	MD21-01-0142	0–0.5	Sediment	Dimethyl phthalate	0.41	mg/kg	U
West canyon	21-11248	MD21-01-0142	0–0.5	Sediment	Dimethylphenol[2,4-]	0.41	mg/kg	U
West canyon	21-11248	MD21-01-0142	0–0.5	Sediment	Dinitro-2-methylphenol[4,6-]	2	mg/kg	U
West canyon	21-11248	MD21-01-0142	0–0.5	Sediment	Dinitrophenol[2,4-]	2	mg/kg	UJ
West canyon	21-11248	MD21-01-0142	0–0.5	Sediment	Dinitrotoluene[2,4-]	0.41	mg/kg	U
West canyon	21-11248	MD21-01-0142	0–0.5	Sediment	Dinitrotoluene[2,6-]	0.41	mg/kg	U
West canyon	21-11248	MD21-01-0142	0–0.5	Sediment	Hexachlorobenzene	0.41	mg/kg	U
West canyon	21-11248	MD21-01-0142	0–0.5	Sediment	Hexachlorobutadiene	0.41	mg/kg	U
West canyon	21-11248	MD21-01-0142	0–0.5	Sediment	Hexachlorocyclopentadiene	2	mg/kg	U
West canyon	21-11248	MD21-01-0142	0–0.5	Sediment	Hexachloroethane	0.41	mg/kg	U
West canyon	21-11248	MD21-01-0142	0–0.5	Sediment	Indeno(1,2,3-cd)pyrene	0.41	mg/kg	U
West canyon	21-11248	MD21-01-0142	0–0.5	Sediment	Isophorone	0.41	mg/kg	U
West canyon	21-11248	MD21-01-0142	0–0.5	Sediment	Methylphenol[2-]	0.41	mg/kg	U
West canyon	21-11248	MD21-01-0142	0–0.5	Sediment	Methylphenol[4-]	0.41	mg/kg	U
West canyon	21-11248	MD21-01-0142	0–0.5	Sediment	Nitroaniline[2-]	2	mg/kg	U
West canyon	21-11248	MD21-01-0142	0–0.5	Sediment	Nitroaniline[3-]	2	mg/kg	U
West canyon	21-11248	MD21-01-0142	0–0.5	Sediment	Nitroaniline[4-]	2	mg/kg	U
West canyon	21-11248	MD21-01-0142	0–0.5	Sediment	Nitrobenzene	0.41	mg/kg	U
West canyon	21-11248	MD21-01-0142	0–0.5	Sediment	Nitrophenol[2-]	0.41	mg/kg	U
West canyon	21-11248	MD21-01-0142	0–0.5	Sediment	Nitrophenol[4-]	2	mg/kg	U
West canyon	21-11248	MD21-01-0142	0–0.5	Sediment	Nitroso-di-n-propylamine[N-]	0.41	mg/kg	U
West canyon	21-11248	MD21-01-0142	0–0.5	Sediment	Nitrosodimethylamine[N-]	0.41	mg/kg	U
West canyon	21-11248	MD21-01-0142	0–0.5	Sediment	Nitrosodiphenylamine[N-]	0.41	mg/kg	U
West canyon	21-11248	MD21-01-0142	0–0.5	Sediment	Oxybis(1-chloropropane)[2,2'-]	0.41	mg/kg	U
West canyon	21-11248	MD21-01-0142	0–0.5	Sediment	Pentachlorophenol	2	mg/kg	U
West canyon	21-11248	MD21-01-0142	0–0.5	Sediment	Phenol	0.41	mg/kg	U
West canyon	21-11248	MD21-01-0142	0–0.5	Sediment	Trichlorobenzene[1,2,4-]	0.41	mg/kg	U
West canyon	21-11248	MD21-01-0142	0–0.5	Sediment	Trichlorophenol[2,4,5-]	0.41	mg/kg	U
West canyon	21-11248	MD21-01-0142	0–0.5	Sediment	Trichlorophenol[2,4,6-]	0.41	mg/kg	U
West canyon	21-11248	MD21-01-0142	0–0.5	Sediment	Trimethylbenzene[1,2,4-]	0.031	mg/kg	U
West canyon	21-11248	MD21-01-0142	0–0.5	Sediment	Trimethylbenzene[1,3,5-]	0.031	mg/kg	U
West canyon	21-11249	MD21-01-0143	1.5–2	Sediment	Aluminum	3680	mg/kg	None
West canyon	21-11249	MD21-01-0143	1.5–2	Sediment	Antimony	0.24	mg/kg	U
West canyon	21-11249	MD21-01-0143	1.5–2	Sediment	Arsenic	1.8	mg/kg	None
West canyon	21-11249	MD21-01-0143	1.5–2	Sediment	Barium	32.6	mg/kg	None
West canyon	21-11249	MD21-01-0143	1.5–2	Sediment	Beryllium	0.49	mg/kg	J
West canyon	21-11249	MD21-01-0143	1.5–2	Sediment	Cadmium	0.016	mg/kg	U
West canyon	21-11249	MD21-01-0143	1.5–2	Sediment	Calcium	1020	mg/kg	J+

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11249	MD21-01-0143	1.5–2	Sediment	Chromium, total	2.5	mg/kg	J-
West canyon	21-11249	MD21-01-0143	1.5–2	Sediment	Cobalt	1.2	mg/kg	J
West canyon	21-11249	MD21-01-0143	1.5–2	Sediment	Copper	3.3	mg/kg	None
West canyon	21-11249	MD21-01-0143	1.5–2	Sediment	Iron	6420	mg/kg	None
West canyon	21-11249	MD21-01-0143	1.5–2	Sediment	Magnesium	463	mg/kg	J
West canyon	21-11249	MD21-01-0143	1.5–2	Sediment	Manganese	194	mg/kg	None
West canyon	21-11249	MD21-01-0143	1.5–2	Sediment	Mercury	0.025	mg/kg	J
West canyon	21-11249	MD21-01-0143	1.5–2	Sediment	Nickel	2.3	mg/kg	J
West canyon	21-11249	MD21-01-0143	1.5–2	Sediment	Potassium	709	mg/kg	None
West canyon	21-11249	MD21-01-0143	1.5–2	Sediment	Selenium	0.23	mg/kg	J
West canyon	21-11249	MD21-01-0143	1.5–2	Sediment	Silver	0.45	mg/kg	U
West canyon	21-11249	MD21-01-0143	1.5–2	Sediment	Sodium	48.4	mg/kg	J
West canyon	21-11249	MD21-01-0143	1.5–2	Sediment	Thallium	0.23	mg/kg	J
West canyon	21-11249	MD21-01-0143	1.5–2	Sediment	Vanadium	7.3	mg/kg	None
West canyon	21-11249	MD21-01-0143	1.5–2	Sediment	Zinc	22.6	mg/kg	None
West canyon	21-11249	MD21-01-0143	1.5–2	Sediment	Acenaphthylene	0.36	mg/kg	U
West canyon	21-11249	MD21-01-0143	1.5–2	Sediment	Aniline	0.36	mg/kg	U
West canyon	21-11249	MD21-01-0143	1.5–2	Sediment	Azobenzene	0.36	mg/kg	U
West canyon	21-11249	MD21-01-0143	1.5–2	Sediment	Benzo(g,h,i)perylene	0.36	mg/kg	U
West canyon	21-11249	MD21-01-0143	1.5–2	Sediment	Benzoic acid	1.7	mg/kg	U
West canyon	21-11249	MD21-01-0143	1.5–2	Sediment	Benzyl alcohol	0.36	mg/kg	U
West canyon	21-11249	MD21-01-0143	1.5–2	Sediment	Bis(2-chloroethoxy)methane	0.36	mg/kg	U
West canyon	21-11249	MD21-01-0143	1.5–2	Sediment	Bis(2-chloroethyl)ether	0.36	mg/kg	U
West canyon	21-11249	MD21-01-0143	1.5–2	Sediment	Bis(2-ethylhexyl)phthalate	0.36	mg/kg	U
West canyon	21-11249	MD21-01-0143	1.5–2	Sediment	Bromophenyl-phenylether[4-]	0.36	mg/kg	U
West canyon	21-11249	MD21-01-0143	1.5–2	Sediment	Butylbenzylphthalate	0.36	mg/kg	U
West canyon	21-11249	MD21-01-0143	1.5–2	Sediment	Chloro-3-methylphenol[4-]	0.36	mg/kg	U
West canyon	21-11249	MD21-01-0143	1.5–2	Sediment	Chloroaniline[4-]	0.36	mg/kg	U
West canyon	21-11249	MD21-01-0143	1.5–2	Sediment	Chloronaphthalene[2-]	0.36	mg/kg	U
West canyon	21-11249	MD21-01-0143	1.5–2	Sediment	Chlorophenol[2-]	0.36	mg/kg	U
West canyon	21-11249	MD21-01-0143	1.5–2	Sediment	Chlorophenyl-phenyl[4-] ether	0.36	mg/kg	U
West canyon	21-11249	MD21-01-0143	1.5–2	Sediment	Di-n-butylphthalate	0.36	mg/kg	U
West canyon	21-11249	MD21-01-0143	1.5–2	Sediment	Di-n-octylphthalate	0.36	mg/kg	U
West canyon	21-11249	MD21-01-0143	1.5–2	Sediment	Dibenzofuran	0.36	mg/kg	U
West canyon	21-11249	MD21-01-0143	1.5–2	Sediment	Dichlorobenzene[1,2-]	0.36	mg/kg	U
West canyon	21-11249	MD21-01-0143	1.5–2	Sediment	Dichlorobenzene[1,3-]	0.36	mg/kg	U
West canyon	21-11249	MD21-01-0143	1.5–2	Sediment	Dichlorobenzene[1,4-]	0.36	mg/kg	U
West canyon	21-11249	MD21-01-0143	1.5–2	Sediment	Dichlorobenzidine[3,3'-]	1.7	mg/kg	U
West canyon	21-11249	MD21-01-0143	1.5–2	Sediment	Dichlorophenol[2,4-]	0.36	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11249	MD21-01-0143	1.5–2	Sediment	Diethylphthalate	0.36	mg/kg	U
West canyon	21-11249	MD21-01-0143	1.5–2	Sediment	Dimethyl phthalate	0.36	mg/kg	U
West canyon	21-11249	MD21-01-0143	1.5–2	Sediment	Dimethylphenol[2,4-]	0.36	mg/kg	U
West canyon	21-11249	MD21-01-0143	1.5–2	Sediment	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
West canyon	21-11249	MD21-01-0143	1.5–2	Sediment	Dinitrophenol[2,4-]	1.7	mg/kg	U
West canyon	21-11249	MD21-01-0143	1.5–2	Sediment	Dinitrotoluene[2,4-]	0.36	mg/kg	U
West canyon	21-11249	MD21-01-0143	1.5–2	Sediment	Dinitrotoluene[2,6-]	0.36	mg/kg	U
West canyon	21-11249	MD21-01-0143	1.5–2	Sediment	Hexachlorobenzene	0.36	mg/kg	U
West canyon	21-11249	MD21-01-0143	1.5–2	Sediment	Hexachlorobutadiene	0.36	mg/kg	U
West canyon	21-11249	MD21-01-0143	1.5–2	Sediment	Hexachlorocyclopentadiene	1.7	mg/kg	U
West canyon	21-11249	MD21-01-0143	1.5–2	Sediment	Hexachloroethane	0.36	mg/kg	U
West canyon	21-11249	MD21-01-0143	1.5–2	Sediment	Indeno(1,2,3-cd)pyrene	0.36	mg/kg	U
West canyon	21-11249	MD21-01-0143	1.5–2	Sediment	Isophorone	0.36	mg/kg	U
West canyon	21-11249	MD21-01-0143	1.5–2	Sediment	Methylphenol[2-]	0.36	mg/kg	U
West canyon	21-11249	MD21-01-0143	1.5–2	Sediment	Methylphenol[4-]	0.36	mg/kg	U
West canyon	21-11249	MD21-01-0143	1.5–2	Sediment	Nitroaniline[2-]	1.7	mg/kg	U
West canyon	21-11249	MD21-01-0143	1.5–2	Sediment	Nitroaniline[3-]	1.7	mg/kg	U
West canyon	21-11249	MD21-01-0143	1.5–2	Sediment	Nitroaniline[4-]	1.7	mg/kg	U
West canyon	21-11249	MD21-01-0143	1.5–2	Sediment	Nitrobenzene	0.36	mg/kg	U
West canyon	21-11249	MD21-01-0143	1.5–2	Sediment	Nitrophenol[2-]	0.36	mg/kg	U
West canyon	21-11249	MD21-01-0143	1.5–2	Sediment	Nitrophenol[4-]	1.7	mg/kg	U
West canyon	21-11249	MD21-01-0143	1.5–2	Sediment	Nitroso-di-n-propylamine[N-]	0.36	mg/kg	U
West canyon	21-11249	MD21-01-0143	1.5–2	Sediment	Nitrosodimethylamine[N-]	0.36	mg/kg	U
West canyon	21-11249	MD21-01-0143	1.5–2	Sediment	Nitrosodiphenylamine[N-]	0.36	mg/kg	U
West canyon	21-11249	MD21-01-0143	1.5–2	Sediment	Oxybis(1-chloropropane)[2,2'-]	0.36	mg/kg	U
West canyon	21-11249	MD21-01-0143	1.5–2	Sediment	Pentachlorophenol	1.7	mg/kg	U
West canyon	21-11249	MD21-01-0143	1.5–2	Sediment	Phenol	0.36	mg/kg	U
West canyon	21-11249	MD21-01-0143	1.5–2	Sediment	Trichlorobenzene[1,2,4-]	0.36	mg/kg	U
West canyon	21-11249	MD21-01-0143	1.5–2	Sediment	Trichlorophenol[2,4,5-]	0.36	mg/kg	U
West canyon	21-11249	MD21-01-0143	1.5–2	Sediment	Trichlorophenol[2,4,6-]	0.36	mg/kg	U
West canyon	21-11249	MD21-01-0143	1.5–2	Sediment	Chlorobenzene	0.0058	mg/kg	U
West canyon	21-11249	MD21-01-0143	1.5–2	Sediment	Dichlorobenzene[1,4-]	0.0058	mg/kg	U
West canyon	21-11249	MD21-01-0143	1.5–2	Sediment	Dichloroethene[1,1-]	0.0058	mg/kg	U
West canyon	21-11249	MD21-01-0143	1.5–2	Sediment	Trichloroethene	0.0058	mg/kg	U
West canyon	21-11249	MD21-01-0143	1.5–2	Sediment	Trimethylbenzene[1,2,4-]	0.0058	mg/kg	U
West canyon	21-11249	MD21-01-0143	1.5–2	Sediment	Trimethylbenzene[1,3,5-]	0.0058	mg/kg	U
West canyon	21-11249	MD21-01-0144	3.5–4	Qbt 3	Aluminum	2660	mg/kg	None
West canyon	21-11249	MD21-01-0144	3.5–4	Qbt 3	Antimony	0.23	mg/kg	U
West canyon	21-11249	MD21-01-0144	3.5–4	Qbt 3	Arsenic	1.6	mg/kg	None

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11249	MD21-01-0144	3.5–4	Qbt 3	Barium	25.7	mg/kg	None
West canyon	21-11249	MD21-01-0144	3.5–4	Qbt 3	Beryllium	0.79	mg/kg	None
West canyon	21-11249	MD21-01-0144	3.5–4	Qbt 3	Cadmium	0.016	mg/kg	U
West canyon	21-11249	MD21-01-0144	3.5–4	Qbt 3	Calcium	272	mg/kg	J+
West canyon	21-11249	MD21-01-0144	3.5–4	Qbt 3	Chromium, total	1.9	mg/kg	J-
West canyon	21-11249	MD21-01-0144	3.5–4	Qbt 3	Cobalt	0.71	mg/kg	J
West canyon	21-11249	MD21-01-0144	3.5–4	Qbt 3	Copper	5	mg/kg	None
West canyon	21-11249	MD21-01-0144	3.5–4	Qbt 3	Iron	5730	mg/kg	None
West canyon	21-11249	MD21-01-0144	3.5–4	Qbt 3	Magnesium	214	mg/kg	J
West canyon	21-11249	MD21-01-0144	3.5–4	Qbt 3	Manganese	337	mg/kg	None
West canyon	21-11249	MD21-01-0144	3.5–4	Qbt 3	Mercury	0.018	mg/kg	U
West canyon	21-11249	MD21-01-0144	3.5–4	Qbt 3	Nickel	2.2	mg/kg	J
West canyon	21-11249	MD21-01-0144	3.5–4	Qbt 3	Potassium	322	mg/kg	J
West canyon	21-11249	MD21-01-0144	3.5–4	Qbt 3	Selenium	0.13	mg/kg	U
West canyon	21-11249	MD21-01-0144	3.5–4	Qbt 3	Silver	0.44	mg/kg	U
West canyon	21-11249	MD21-01-0144	3.5–4	Qbt 3	Sodium	102	mg/kg	J
West canyon	21-11249	MD21-01-0144	3.5–4	Qbt 3	Thallium	0.2	mg/kg	J
West canyon	21-11249	MD21-01-0144	3.5–4	Qbt 3	Vanadium	4.4	mg/kg	J
West canyon	21-11249	MD21-01-0144	3.5–4	Qbt 3	Zinc	41.2	mg/kg	None
West canyon	21-11249	MD21-01-0144	3.5–4	Qbt 3	Acenaphthylene	0.35	mg/kg	UJ
West canyon	21-11249	MD21-01-0144	3.5–4	Qbt 3	Aniline	0.35	mg/kg	UJ
West canyon	21-11249	MD21-01-0144	3.5–4	Qbt 3	Azobenzene	0.35	mg/kg	UJ
West canyon	21-11249	MD21-01-0144	3.5–4	Qbt 3	Benzo(g,h,i)perylene	0.35	mg/kg	UJ
West canyon	21-11249	MD21-01-0144	3.5–4	Qbt 3	Benzoic acid	1.7	mg/kg	UJ
West canyon	21-11249	MD21-01-0144	3.5–4	Qbt 3	Benzyl alcohol	0.35	mg/kg	UJ
West canyon	21-11249	MD21-01-0144	3.5–4	Qbt 3	Bis(2-chloroethoxy)methane	0.35	mg/kg	UJ
West canyon	21-11249	MD21-01-0144	3.5–4	Qbt 3	Bis(2-chloroethyl)ether	0.35	mg/kg	UJ
West canyon	21-11249	MD21-01-0144	3.5–4	Qbt 3	Bis(2-ethylhexyl)phthalate	0.35	mg/kg	UJ
West canyon	21-11249	MD21-01-0144	3.5–4	Qbt 3	Bromophenyl-phenylether[4-]	0.35	mg/kg	UJ
West canyon	21-11249	MD21-01-0144	3.5–4	Qbt 3	Butylbenzylphthalate	0.35	mg/kg	UJ
West canyon	21-11249	MD21-01-0144	3.5–4	Qbt 3	Chloro-3-methylphenol[4-]	0.35	mg/kg	UJ
West canyon	21-11249	MD21-01-0144	3.5–4	Qbt 3	Chloroaniline[4-]	0.35	mg/kg	UJ
West canyon	21-11249	MD21-01-0144	3.5–4	Qbt 3	Chloronaphthalene[2-]	0.35	mg/kg	UJ
West canyon	21-11249	MD21-01-0144	3.5–4	Qbt 3	Chlorophenol[2-]	0.35	mg/kg	UJ
West canyon	21-11249	MD21-01-0144	3.5–4	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.35	mg/kg	UJ
West canyon	21-11249	MD21-01-0144	3.5–4	Qbt 3	Di-n-butylphthalate	0.35	mg/kg	UJ
West canyon	21-11249	MD21-01-0144	3.5–4	Qbt 3	Di-n-octylphthalate	0.35	mg/kg	UJ
West canyon	21-11249	MD21-01-0144	3.5–4	Qbt 3	Dibenzofuran	0.35	mg/kg	UJ
West canyon	21-11249	MD21-01-0144	3.5–4	Qbt 3	Dichlorobenzene[1,2-]	0.35	mg/kg	UJ

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11249	MD21-01-0144	3.5–4	Qbt 3	Dichlorobenzene[1,3-]	0.35	mg/kg	UJ
West canyon	21-11249	MD21-01-0144	3.5–4	Qbt 3	Dichlorobenzene[1,4-]	0.35	mg/kg	UJ
West canyon	21-11249	MD21-01-0144	3.5–4	Qbt 3	Dichlorobenzidine[3,3'-]	1.7	mg/kg	UJ
West canyon	21-11249	MD21-01-0144	3.5–4	Qbt 3	Dichlorophenol[2,4-]	0.35	mg/kg	UJ
West canyon	21-11249	MD21-01-0144	3.5–4	Qbt 3	Diethylphthalate	0.35	mg/kg	UJ
West canyon	21-11249	MD21-01-0144	3.5–4	Qbt 3	Dimethyl phthalate	0.35	mg/kg	UJ
West canyon	21-11249	MD21-01-0144	3.5–4	Qbt 3	Dimethylphenol[2,4-]	0.35	mg/kg	UJ
West canyon	21-11249	MD21-01-0144	3.5–4	Qbt 3	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	UJ
West canyon	21-11249	MD21-01-0144	3.5–4	Qbt 3	Dinitrophenol[2,4-]	1.7	mg/kg	UJ
West canyon	21-11249	MD21-01-0144	3.5–4	Qbt 3	Dinitrotoluene[2,4-]	0.35	mg/kg	UJ
West canyon	21-11249	MD21-01-0144	3.5–4	Qbt 3	Dinitrotoluene[2,6-]	0.35	mg/kg	UJ
West canyon	21-11249	MD21-01-0144	3.5–4	Qbt 3	Hexachlorobenzene	0.35	mg/kg	UJ
West canyon	21-11249	MD21-01-0144	3.5–4	Qbt 3	Hexachlorobutadiene	0.35	mg/kg	UJ
West canyon	21-11249	MD21-01-0144	3.5–4	Qbt 3	Hexachlorocyclopentadiene	1.7	mg/kg	UJ
West canyon	21-11249	MD21-01-0144	3.5–4	Qbt 3	Hexachloroethane	0.35	mg/kg	UJ
West canyon	21-11249	MD21-01-0144	3.5–4	Qbt 3	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	UJ
West canyon	21-11249	MD21-01-0144	3.5–4	Qbt 3	Isophorone	0.35	mg/kg	UJ
West canyon	21-11249	MD21-01-0144	3.5–4	Qbt 3	Methylphenol[2-]	0.35	mg/kg	UJ
West canyon	21-11249	MD21-01-0144	3.5–4	Qbt 3	Methylphenol[4-]	0.35	mg/kg	UJ
West canyon	21-11249	MD21-01-0144	3.5–4	Qbt 3	Nitroaniline[2-]	1.7	mg/kg	UJ
West canyon	21-11249	MD21-01-0144	3.5–4	Qbt 3	Nitroaniline[3-]	1.7	mg/kg	UJ
West canyon	21-11249	MD21-01-0144	3.5–4	Qbt 3	Nitroaniline[4-]	1.7	mg/kg	UJ
West canyon	21-11249	MD21-01-0144	3.5–4	Qbt 3	Nitrobenzene	0.35	mg/kg	UJ
West canyon	21-11249	MD21-01-0144	3.5–4	Qbt 3	Nitrophenol[2-]	0.35	mg/kg	UJ
West canyon	21-11249	MD21-01-0144	3.5–4	Qbt 3	Nitrophenol[4-]	1.7	mg/kg	UJ
West canyon	21-11249	MD21-01-0144	3.5–4	Qbt 3	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	UJ
West canyon	21-11249	MD21-01-0144	3.5–4	Qbt 3	Nitrosodimethylamine[N-]	0.35	mg/kg	UJ
West canyon	21-11249	MD21-01-0144	3.5–4	Qbt 3	Nitrosodiphenylamine[N-]	0.35	mg/kg	UJ
West canyon	21-11249	MD21-01-0144	3.5–4	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	UJ
West canyon	21-11249	MD21-01-0144	3.5–4	Qbt 3	Pentachlorophenol	1.7	mg/kg	UJ
West canyon	21-11249	MD21-01-0144	3.5–4	Qbt 3	Phenol	0.35	mg/kg	UJ
West canyon	21-11249	MD21-01-0144	3.5–4	Qbt 3	Trichlorobenzene[1,2,4-]	0.35	mg/kg	UJ
West canyon	21-11249	MD21-01-0144	3.5–4	Qbt 3	Trichlorophenol[2,4,5-]	0.35	mg/kg	UJ
West canyon	21-11249	MD21-01-0144	3.5–4	Qbt 3	Trichlorophenol[2,4,6-]	0.35	mg/kg	UJ
West canyon	21-11249	MD21-01-0144	3.5–4	Qbt 3	Trimethylbenzene[1,2,4-]	0.0053	mg/kg	U
West canyon	21-11249	MD21-01-0144	3.5–4	Qbt 3	Trimethylbenzene[1,3,5-]	0.0053	mg/kg	U
West canyon	21-11249	MD21-01-0145	5.5–6	Qbt 3	Aluminum	2180	mg/kg	None
West canyon	21-11249	MD21-01-0145	5.5–6	Qbt 3	Antimony	0.23	mg/kg	U
West canyon	21-11249	MD21-01-0145	5.5–6	Qbt 3	Arsenic	1.3	mg/kg	None

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11249	MD21-01-0145	5.5–6	Qbt 3	Barium	29.8	mg/kg	None
West canyon	21-11249	MD21-01-0145	5.5–6	Qbt 3	Beryllium	0.61	mg/kg	None
West canyon	21-11249	MD21-01-0145	5.5–6	Qbt 3	Cadmium	0.016	mg/kg	U
West canyon	21-11249	MD21-01-0145	5.5–6	Qbt 3	Calcium	223	mg/kg	J+
West canyon	21-11249	MD21-01-0145	5.5–6	Qbt 3	Chromium, total	1.1	mg/kg	J-
West canyon	21-11249	MD21-01-0145	5.5–6	Qbt 3	Cobalt	0.65	mg/kg	J
West canyon	21-11249	MD21-01-0145	5.5–6	Qbt 3	Copper	4	mg/kg	None
West canyon	21-11249	MD21-01-0145	5.5–6	Qbt 3	Iron	5070	mg/kg	None
West canyon	21-11249	MD21-01-0145	5.5–6	Qbt 3	Magnesium	158	mg/kg	J
West canyon	21-11249	MD21-01-0145	5.5–6	Qbt 3	Manganese	409	mg/kg	None
West canyon	21-11249	MD21-01-0145	5.5–6	Qbt 3	Mercury	0.018	mg/kg	U
West canyon	21-11249	MD21-01-0145	5.5–6	Qbt 3	Nickel	2.2	mg/kg	J
West canyon	21-11249	MD21-01-0145	5.5–6	Qbt 3	Potassium	304	mg/kg	J
West canyon	21-11249	MD21-01-0145	5.5–6	Qbt 3	Selenium	0.13	mg/kg	U
West canyon	21-11249	MD21-01-0145	5.5–6	Qbt 3	Silver	0.44	mg/kg	U
West canyon	21-11249	MD21-01-0145	5.5–6	Qbt 3	Sodium	111	mg/kg	J
West canyon	21-11249	MD21-01-0145	5.5–6	Qbt 3	Thallium	0.16	mg/kg	U
West canyon	21-11249	MD21-01-0145	5.5–6	Qbt 3	Vanadium	3	mg/kg	J
West canyon	21-11249	MD21-01-0145	5.5–6	Qbt 3	Zinc	40.4	mg/kg	None
West canyon	21-11249	MD21-01-0145	5.5–6	Qbt 3	Acenaphthylene	0.35	mg/kg	U
West canyon	21-11249	MD21-01-0145	5.5–6	Qbt 3	Aniline	0.35	mg/kg	U
West canyon	21-11249	MD21-01-0145	5.5–6	Qbt 3	Azobenzene	0.35	mg/kg	U
West canyon	21-11249	MD21-01-0145	5.5–6	Qbt 3	Benzo(g,h,i)perylene	0.35	mg/kg	U
West canyon	21-11249	MD21-01-0145	5.5–6	Qbt 3	Benzoic acid	1.7	mg/kg	U
West canyon	21-11249	MD21-01-0145	5.5–6	Qbt 3	Benzyl alcohol	0.35	mg/kg	U
West canyon	21-11249	MD21-01-0145	5.5–6	Qbt 3	Bis(2-chloroethoxy)methane	0.35	mg/kg	U
West canyon	21-11249	MD21-01-0145	5.5–6	Qbt 3	Bis(2-chloroethyl)ether	0.35	mg/kg	U
West canyon	21-11249	MD21-01-0145	5.5–6	Qbt 3	Bis(2-ethylhexyl)phthalate	0.35	mg/kg	U
West canyon	21-11249	MD21-01-0145	5.5–6	Qbt 3	Bromophenyl-phenylether[4-]	0.35	mg/kg	U
West canyon	21-11249	MD21-01-0145	5.5–6	Qbt 3	Butylbenzylphthalate	0.35	mg/kg	U
West canyon	21-11249	MD21-01-0145	5.5–6	Qbt 3	Chloro-3-methylphenol[4-]	0.35	mg/kg	U
West canyon	21-11249	MD21-01-0145	5.5–6	Qbt 3	Chloroaniline[4-]	0.35	mg/kg	U
West canyon	21-11249	MD21-01-0145	5.5–6	Qbt 3	Chloronaphthalene[2-]	0.35	mg/kg	U
West canyon	21-11249	MD21-01-0145	5.5–6	Qbt 3	Chlorophenol[2-]	0.35	mg/kg	U
West canyon	21-11249	MD21-01-0145	5.5–6	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.35	mg/kg	U
West canyon	21-11249	MD21-01-0145	5.5–6	Qbt 3	Di-n-butylphthalate	0.35	mg/kg	U
West canyon	21-11249	MD21-01-0145	5.5–6	Qbt 3	Di-n-octylphthalate	0.35	mg/kg	U
West canyon	21-11249	MD21-01-0145	5.5–6	Qbt 3	Dibenzofuran	0.35	mg/kg	U
West canyon	21-11249	MD21-01-0145	5.5–6	Qbt 3	Dichlorobenzene[1,2-]	0.35	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11249	MD21-01-0145	5.5–6	Qbt 3	Dichlorobenzene[1,3-]	0.35	mg/kg	U
West canyon	21-11249	MD21-01-0145	5.5–6	Qbt 3	Dichlorobenzene[1,4-]	0.35	mg/kg	U
West canyon	21-11249	MD21-01-0145	5.5–6	Qbt 3	Dichlorobenzidine[3,3'-]	1.7	mg/kg	U
West canyon	21-11249	MD21-01-0145	5.5–6	Qbt 3	Dichlorophenol[2,4-]	0.35	mg/kg	U
West canyon	21-11249	MD21-01-0145	5.5–6	Qbt 3	Diethylphthalate	0.35	mg/kg	U
West canyon	21-11249	MD21-01-0145	5.5–6	Qbt 3	Dimethyl phthalate	0.35	mg/kg	U
West canyon	21-11249	MD21-01-0145	5.5–6	Qbt 3	Dimethylphenol[2,4-]	0.35	mg/kg	U
West canyon	21-11249	MD21-01-0145	5.5–6	Qbt 3	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
West canyon	21-11249	MD21-01-0145	5.5–6	Qbt 3	Dinitrophenol[2,4-]	1.7	mg/kg	U
West canyon	21-11249	MD21-01-0145	5.5–6	Qbt 3	Dinitrotoluene[2,4-]	0.35	mg/kg	U
West canyon	21-11249	MD21-01-0145	5.5–6	Qbt 3	Dinitrotoluene[2,6-]	0.35	mg/kg	U
West canyon	21-11249	MD21-01-0145	5.5–6	Qbt 3	Hexachlorobenzene	0.35	mg/kg	U
West canyon	21-11249	MD21-01-0145	5.5–6	Qbt 3	Hexachlorobutadiene	0.35	mg/kg	U
West canyon	21-11249	MD21-01-0145	5.5–6	Qbt 3	Hexachlorocyclopentadiene	1.7	mg/kg	U
West canyon	21-11249	MD21-01-0145	5.5–6	Qbt 3	Hexachloroethane	0.35	mg/kg	U
West canyon	21-11249	MD21-01-0145	5.5–6	Qbt 3	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	U
West canyon	21-11249	MD21-01-0145	5.5–6	Qbt 3	Isophorone	0.35	mg/kg	U
West canyon	21-11249	MD21-01-0145	5.5–6	Qbt 3	Methylphenol[2-]	0.35	mg/kg	U
West canyon	21-11249	MD21-01-0145	5.5–6	Qbt 3	Methylphenol[4-]	0.35	mg/kg	U
West canyon	21-11249	MD21-01-0145	5.5–6	Qbt 3	Nitroaniline[2-]	1.7	mg/kg	U
West canyon	21-11249	MD21-01-0145	5.5–6	Qbt 3	Nitroaniline[3-]	1.7	mg/kg	U
West canyon	21-11249	MD21-01-0145	5.5–6	Qbt 3	Nitroaniline[4-]	1.7	mg/kg	U
West canyon	21-11249	MD21-01-0145	5.5–6	Qbt 3	Nitrobenzene	0.35	mg/kg	U
West canyon	21-11249	MD21-01-0145	5.5–6	Qbt 3	Nitrophenol[2-]	0.35	mg/kg	U
West canyon	21-11249	MD21-01-0145	5.5–6	Qbt 3	Nitrophenol[4-]	1.7	mg/kg	U
West canyon	21-11249	MD21-01-0145	5.5–6	Qbt 3	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	U
West canyon	21-11249	MD21-01-0145	5.5–6	Qbt 3	Nitrosodimethylamine[N-]	0.35	mg/kg	U
West canyon	21-11249	MD21-01-0145	5.5–6	Qbt 3	Nitrosodiphenylamine[N-]	0.35	mg/kg	U
West canyon	21-11249	MD21-01-0145	5.5–6	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	U
West canyon	21-11249	MD21-01-0145	5.5–6	Qbt 3	Pentachlorophenol	1.7	mg/kg	U
West canyon	21-11249	MD21-01-0145	5.5–6	Qbt 3	Phenol	0.35	mg/kg	U
West canyon	21-11249	MD21-01-0145	5.5–6	Qbt 3	Trichlorobenzene[1,2,4-]	0.35	mg/kg	U
West canyon	21-11249	MD21-01-0145	5.5–6	Qbt 3	Trichlorophenol[2,4,5-]	0.35	mg/kg	U
West canyon	21-11249	MD21-01-0145	5.5–6	Qbt 3	Trichlorophenol[2,4,6-]	0.35	mg/kg	U
West canyon	21-11249	MD21-01-0145	5.5–6	Qbt 3	Trimethylbenzene[1,2,4-]	0.006	mg/kg	U
West canyon	21-11249	MD21-01-0145	5.5–6	Qbt 3	Trimethylbenzene[1,3,5-]	0.006	mg/kg	U
West canyon	21-11249	MD21-01-0146	5.5–6	Qbt 3	Aluminum	2370	mg/kg	None
West canyon	21-11249	MD21-01-0146	5.5–6	Qbt 3	Antimony	0.23	mg/kg	U
West canyon	21-11249	MD21-01-0146	5.5–6	Qbt 3	Arsenic	1.3	mg/kg	None

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11249	MD21-01-0146	5.5–6	Qbt 3	Barium	25.8	mg/kg	None
West canyon	21-11249	MD21-01-0146	5.5–6	Qbt 3	Beryllium	0.55	mg/kg	None
West canyon	21-11249	MD21-01-0146	5.5–6	Qbt 3	Cadmium	0.016	mg/kg	U
West canyon	21-11249	MD21-01-0146	5.5–6	Qbt 3	Calcium	216	mg/kg	J+
West canyon	21-11249	MD21-01-0146	5.5–6	Qbt 3	Chromium, total	1.4	mg/kg	J-
West canyon	21-11249	MD21-01-0146	5.5–6	Qbt 3	Cobalt	0.69	mg/kg	J
West canyon	21-11249	MD21-01-0146	5.5–6	Qbt 3	Copper	3.7	mg/kg	None
West canyon	21-11249	MD21-01-0146	5.5–6	Qbt 3	Iron	4820	mg/kg	None
West canyon	21-11249	MD21-01-0146	5.5–6	Qbt 3	Magnesium	188	mg/kg	J
West canyon	21-11249	MD21-01-0146	5.5–6	Qbt 3	Manganese	340	mg/kg	None
West canyon	21-11249	MD21-01-0146	5.5–6	Qbt 3	Mercury	0.017	mg/kg	U
West canyon	21-11249	MD21-01-0146	5.5–6	Qbt 3	Nickel	1.9	mg/kg	J
West canyon	21-11249	MD21-01-0146	5.5–6	Qbt 3	Potassium	290	mg/kg	J
West canyon	21-11249	MD21-01-0146	5.5–6	Qbt 3	Selenium	0.13	mg/kg	U
West canyon	21-11249	MD21-01-0146	5.5–6	Qbt 3	Silver	0.44	mg/kg	U
West canyon	21-11249	MD21-01-0146	5.5–6	Qbt 3	Sodium	109	mg/kg	J
West canyon	21-11249	MD21-01-0146	5.5–6	Qbt 3	Thallium	0.16	mg/kg	U
West canyon	21-11249	MD21-01-0146	5.5–6	Qbt 3	Vanadium	3.1	mg/kg	J
West canyon	21-11249	MD21-01-0146	5.5–6	Qbt 3	Zinc	37.6	mg/kg	None
West canyon	21-11249	MD21-01-0146	5.5–6	Qbt 3	Acenaphthylene	0.35	mg/kg	U
West canyon	21-11249	MD21-01-0146	5.5–6	Qbt 3	Aniline	0.35	mg/kg	U
West canyon	21-11249	MD21-01-0146	5.5–6	Qbt 3	Azobenzene	0.35	mg/kg	U
West canyon	21-11249	MD21-01-0146	5.5–6	Qbt 3	Benzo(g,h,i)perylene	0.35	mg/kg	U
West canyon	21-11249	MD21-01-0146	5.5–6	Qbt 3	Benzoic acid	1.7	mg/kg	U
West canyon	21-11249	MD21-01-0146	5.5–6	Qbt 3	Benzyl alcohol	0.35	mg/kg	U
West canyon	21-11249	MD21-01-0146	5.5–6	Qbt 3	Bis(2-chloroethoxy)methane	0.35	mg/kg	U
West canyon	21-11249	MD21-01-0146	5.5–6	Qbt 3	Bis(2-chloroethyl)ether	0.35	mg/kg	U
West canyon	21-11249	MD21-01-0146	5.5–6	Qbt 3	Bis(2-ethylhexyl)phthalate	0.35	mg/kg	U
West canyon	21-11249	MD21-01-0146	5.5–6	Qbt 3	Bromophenyl-phenylether[4-]	0.35	mg/kg	U
West canyon	21-11249	MD21-01-0146	5.5–6	Qbt 3	Butylbenzylphthalate	0.35	mg/kg	U
West canyon	21-11249	MD21-01-0146	5.5–6	Qbt 3	Chloro-3-methylphenol[4-]	0.35	mg/kg	U
West canyon	21-11249	MD21-01-0146	5.5–6	Qbt 3	Chloroaniline[4-]	0.35	mg/kg	U
West canyon	21-11249	MD21-01-0146	5.5–6	Qbt 3	Chloronaphthalene[2-]	0.35	mg/kg	U
West canyon	21-11249	MD21-01-0146	5.5–6	Qbt 3	Chlorophenol[2-]	0.35	mg/kg	U
West canyon	21-11249	MD21-01-0146	5.5–6	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.35	mg/kg	U
West canyon	21-11249	MD21-01-0146	5.5–6	Qbt 3	Di-n-butylphthalate	0.35	mg/kg	U
West canyon	21-11249	MD21-01-0146	5.5–6	Qbt 3	Di-n-octylphthalate	0.35	mg/kg	U
West canyon	21-11249	MD21-01-0146	5.5–6	Qbt 3	Dibenzofuran	0.35	mg/kg	U
West canyon	21-11249	MD21-01-0146	5.5–6	Qbt 3	Dichlorobenzene[1,2-]	0.35	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11249	MD21-01-0146	5.5–6	Qbt 3	Dichlorobenzene[1,3-]	0.35	mg/kg	U
West canyon	21-11249	MD21-01-0146	5.5–6	Qbt 3	Dichlorobenzene[1,4-]	0.35	mg/kg	U
West canyon	21-11249	MD21-01-0146	5.5–6	Qbt 3	Dichlorobenzidine[3,3'-]	1.7	mg/kg	U
West canyon	21-11249	MD21-01-0146	5.5–6	Qbt 3	Dichlorophenol[2,4-]	0.35	mg/kg	U
West canyon	21-11249	MD21-01-0146	5.5–6	Qbt 3	Diethylphthalate	0.35	mg/kg	U
West canyon	21-11249	MD21-01-0146	5.5–6	Qbt 3	Dimethyl phthalate	0.35	mg/kg	U
West canyon	21-11249	MD21-01-0146	5.5–6	Qbt 3	Dimethylphenol[2,4-]	0.35	mg/kg	U
West canyon	21-11249	MD21-01-0146	5.5–6	Qbt 3	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
West canyon	21-11249	MD21-01-0146	5.5–6	Qbt 3	Dinitrophenol[2,4-]	1.7	mg/kg	U
West canyon	21-11249	MD21-01-0146	5.5–6	Qbt 3	Dinitrotoluene[2,4-]	0.35	mg/kg	U
West canyon	21-11249	MD21-01-0146	5.5–6	Qbt 3	Dinitrotoluene[2,6-]	0.35	mg/kg	U
West canyon	21-11249	MD21-01-0146	5.5–6	Qbt 3	Hexachlorobenzene	0.35	mg/kg	U
West canyon	21-11249	MD21-01-0146	5.5–6	Qbt 3	Hexachlorobutadiene	0.35	mg/kg	U
West canyon	21-11249	MD21-01-0146	5.5–6	Qbt 3	Hexachlorocyclopentadiene	1.7	mg/kg	U
West canyon	21-11249	MD21-01-0146	5.5–6	Qbt 3	Hexachloroethane	0.35	mg/kg	U
West canyon	21-11249	MD21-01-0146	5.5–6	Qbt 3	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	U
West canyon	21-11249	MD21-01-0146	5.5–6	Qbt 3	Isophorone	0.35	mg/kg	U
West canyon	21-11249	MD21-01-0146	5.5–6	Qbt 3	Methylphenol[2-]	0.35	mg/kg	U
West canyon	21-11249	MD21-01-0146	5.5–6	Qbt 3	Methylphenol[4-]	0.35	mg/kg	U
West canyon	21-11249	MD21-01-0146	5.5–6	Qbt 3	Nitroaniline[2-]	1.7	mg/kg	U
West canyon	21-11249	MD21-01-0146	5.5–6	Qbt 3	Nitroaniline[3-]	1.7	mg/kg	U
West canyon	21-11249	MD21-01-0146	5.5–6	Qbt 3	Nitroaniline[4-]	1.7	mg/kg	U
West canyon	21-11249	MD21-01-0146	5.5–6	Qbt 3	Nitrobenzene	0.35	mg/kg	U
West canyon	21-11249	MD21-01-0146	5.5–6	Qbt 3	Nitrophenol[2-]	0.35	mg/kg	U
West canyon	21-11249	MD21-01-0146	5.5–6	Qbt 3	Nitrophenol[4-]	1.7	mg/kg	U
West canyon	21-11249	MD21-01-0146	5.5–6	Qbt 3	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	U
West canyon	21-11249	MD21-01-0146	5.5–6	Qbt 3	Nitrosodimethylamine[N-]	0.35	mg/kg	U
West canyon	21-11249	MD21-01-0146	5.5–6	Qbt 3	Nitrosodiphenylamine[N-]	0.35	mg/kg	U
West canyon	21-11249	MD21-01-0146	5.5–6	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	U
West canyon	21-11249	MD21-01-0146	5.5–6	Qbt 3	Pentachlorophenol	1.7	mg/kg	U
West canyon	21-11249	MD21-01-0146	5.5–6	Qbt 3	Phenol	0.35	mg/kg	U
West canyon	21-11249	MD21-01-0146	5.5–6	Qbt 3	Trichlorobenzene[1,2,4-]	0.35	mg/kg	U
West canyon	21-11249	MD21-01-0146	5.5–6	Qbt 3	Trichlorophenol[2,4,5-]	0.35	mg/kg	U
West canyon	21-11249	MD21-01-0146	5.5–6	Qbt 3	Trichlorophenol[2,4,6-]	0.35	mg/kg	U
West canyon	21-11249	MD21-01-0146	5.5–6	Qbt 3	Trimethylbenzene[1,2,4-]	0.0056	mg/kg	U
West canyon	21-11249	MD21-01-0146	5.5–6	Qbt 3	Trimethylbenzene[1,3,5-]	0.0056	mg/kg	U
West canyon	21-11250	MD21-01-0147	1.5–2	Qbt 3	Aluminum	8130	mg/kg	None
West canyon	21-11250	MD21-01-0147	1.5–2	Qbt 3	Antimony	0.25	mg/kg	U
West canyon	21-11250	MD21-01-0147	1.5–2	Qbt 3	Arsenic	2.8	mg/kg	None

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11250	MD21-01-0147	1.5–2	Qbt 3	Barium	74.5	mg/kg	None
West canyon	21-11250	MD21-01-0147	1.5–2	Qbt 3	Beryllium	0.9	mg/kg	None
West canyon	21-11250	MD21-01-0147	1.5–2	Qbt 3	Cadmium	0.017	mg/kg	U
West canyon	21-11250	MD21-01-0147	1.5–2	Qbt 3	Calcium	1570	mg/kg	J+
West canyon	21-11250	MD21-01-0147	1.5–2	Qbt 3	Chromium, total	6.2	mg/kg	J-
West canyon	21-11250	MD21-01-0147	1.5–2	Qbt 3	Cobalt	3.2	mg/kg	J
West canyon	21-11250	MD21-01-0147	1.5–2	Qbt 3	Copper	8	mg/kg	None
West canyon	21-11250	MD21-01-0147	1.5–2	Qbt 3	Iron	8950	mg/kg	None
West canyon	21-11250	MD21-01-0147	1.5–2	Qbt 3	Magnesium	849	mg/kg	None
West canyon	21-11250	MD21-01-0147	1.5–2	Qbt 3	Manganese	243	mg/kg	None
West canyon	21-11250	MD21-01-0147	1.5–2	Qbt 3	Mercury	0.028	mg/kg	J
West canyon	21-11250	MD21-01-0147	1.5–2	Qbt 3	Nickel	4.9	mg/kg	None
West canyon	21-11250	MD21-01-0147	1.5–2	Qbt 3	Potassium	785	mg/kg	None
West canyon	21-11250	MD21-01-0147	1.5–2	Qbt 3	Selenium	0.17	mg/kg	J
West canyon	21-11250	MD21-01-0147	1.5–2	Qbt 3	Silver	0.48	mg/kg	U
West canyon	21-11250	MD21-01-0147	1.5–2	Qbt 3	Sodium	173	mg/kg	J
West canyon	21-11250	MD21-01-0147	1.5–2	Qbt 3	Thallium	0.4	mg/kg	J
West canyon	21-11250	MD21-01-0147	1.5–2	Qbt 3	Vanadium	9.1	mg/kg	None
West canyon	21-11250	MD21-01-0147	1.5–2	Qbt 3	Zinc	40.7	mg/kg	None
West canyon	21-11250	MD21-01-0147	1.5–2	Qbt 3	Acenaphthylene	0.38	mg/kg	U
West canyon	21-11250	MD21-01-0147	1.5–2	Qbt 3	Aniline	0.38	mg/kg	U
West canyon	21-11250	MD21-01-0147	1.5–2	Qbt 3	Azobenzene	0.38	mg/kg	U
West canyon	21-11250	MD21-01-0147	1.5–2	Qbt 3	Benzo(g,h,i)perylene	0.38	mg/kg	U
West canyon	21-11250	MD21-01-0147	1.5–2	Qbt 3	Benzoic acid	0.12	mg/kg	J
West canyon	21-11250	MD21-01-0147	1.5–2	Qbt 3	Benzyl alcohol	0.38	mg/kg	U
West canyon	21-11250	MD21-01-0147	1.5–2	Qbt 3	Bis(2-chloroethoxy)methane	0.38	mg/kg	U
West canyon	21-11250	MD21-01-0147	1.5–2	Qbt 3	Bis(2-chloroethyl)ether	0.38	mg/kg	U
West canyon	21-11250	MD21-01-0147	1.5–2	Qbt 3	Bis(2-ethylhexyl)phthalate	0.38	mg/kg	U
West canyon	21-11250	MD21-01-0147	1.5–2	Qbt 3	Bromophenyl-phenylether[4-]	0.38	mg/kg	U
West canyon	21-11250	MD21-01-0147	1.5–2	Qbt 3	Butylbenzylphthalate	0.38	mg/kg	U
West canyon	21-11250	MD21-01-0147	1.5–2	Qbt 3	Chloro-3-methylphenol[4-]	0.38	mg/kg	U
West canyon	21-11250	MD21-01-0147	1.5–2	Qbt 3	Chloroaniline[4-]	0.38	mg/kg	U
West canyon	21-11250	MD21-01-0147	1.5–2	Qbt 3	Chloronaphthalene[2-]	0.38	mg/kg	U
West canyon	21-11250	MD21-01-0147	1.5–2	Qbt 3	Chlorophenol[2-]	0.38	mg/kg	U
West canyon	21-11250	MD21-01-0147	1.5–2	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.38	mg/kg	U
West canyon	21-11250	MD21-01-0147	1.5–2	Qbt 3	Di-n-butylphthalate	0.38	mg/kg	U
West canyon	21-11250	MD21-01-0147	1.5–2	Qbt 3	Di-n-octylphthalate	0.38	mg/kg	U
West canyon	21-11250	MD21-01-0147	1.5–2	Qbt 3	Dibenzofuran	0.38	mg/kg	U
West canyon	21-11250	MD21-01-0147	1.5–2	Qbt 3	Dichlorobenzene[1,2-]	0.38	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11250	MD21-01-0147	1.5–2	Qbt 3	Dichlorobenzene[1,3-]	0.38	mg/kg	U
West canyon	21-11250	MD21-01-0147	1.5–2	Qbt 3	Dichlorobenzene[1,4-]	0.38	mg/kg	U
West canyon	21-11250	MD21-01-0147	1.5–2	Qbt 3	Dichlorobenzidine[3,3'-]	1.9	mg/kg	U
West canyon	21-11250	MD21-01-0147	1.5–2	Qbt 3	Dichlorophenol[2,4-]	0.38	mg/kg	U
West canyon	21-11250	MD21-01-0147	1.5–2	Qbt 3	Diethylphthalate	0.38	mg/kg	U
West canyon	21-11250	MD21-01-0147	1.5–2	Qbt 3	Dimethyl phthalate	0.38	mg/kg	U
West canyon	21-11250	MD21-01-0147	1.5–2	Qbt 3	Dimethylphenol[2,4-]	0.38	mg/kg	U
West canyon	21-11250	MD21-01-0147	1.5–2	Qbt 3	Dinitro-2-methylphenol[4,6-]	1.9	mg/kg	U
West canyon	21-11250	MD21-01-0147	1.5–2	Qbt 3	Dinitrophenol[2,4-]	1.9	mg/kg	U
West canyon	21-11250	MD21-01-0147	1.5–2	Qbt 3	Dinitrotoluene[2,4-]	0.38	mg/kg	U
West canyon	21-11250	MD21-01-0147	1.5–2	Qbt 3	Dinitrotoluene[2,6-]	0.38	mg/kg	U
West canyon	21-11250	MD21-01-0147	1.5–2	Qbt 3	Hexachlorobenzene	0.38	mg/kg	U
West canyon	21-11250	MD21-01-0147	1.5–2	Qbt 3	Hexachlorobutadiene	0.38	mg/kg	U
West canyon	21-11250	MD21-01-0147	1.5–2	Qbt 3	Hexachlorocyclopentadiene	1.9	mg/kg	U
West canyon	21-11250	MD21-01-0147	1.5–2	Qbt 3	Hexachloroethane	0.38	mg/kg	U
West canyon	21-11250	MD21-01-0147	1.5–2	Qbt 3	Indeno(1,2,3-cd)pyrene	0.38	mg/kg	U
West canyon	21-11250	MD21-01-0147	1.5–2	Qbt 3	Isophorone	0.38	mg/kg	U
West canyon	21-11250	MD21-01-0147	1.5–2	Qbt 3	Methylphenol[2-]	0.38	mg/kg	U
West canyon	21-11250	MD21-01-0147	1.5–2	Qbt 3	Methylphenol[4-]	0.38	mg/kg	U
West canyon	21-11250	MD21-01-0147	1.5–2	Qbt 3	Nitroaniline[2-]	1.9	mg/kg	U
West canyon	21-11250	MD21-01-0147	1.5–2	Qbt 3	Nitroaniline[3-]	1.9	mg/kg	U
West canyon	21-11250	MD21-01-0147	1.5–2	Qbt 3	Nitroaniline[4-]	1.9	mg/kg	U
West canyon	21-11250	MD21-01-0147	1.5–2	Qbt 3	Nitrobenzene	0.38	mg/kg	U
West canyon	21-11250	MD21-01-0147	1.5–2	Qbt 3	Nitrophenol[2-]	0.38	mg/kg	U
West canyon	21-11250	MD21-01-0147	1.5–2	Qbt 3	Nitrophenol[4-]	1.9	mg/kg	U
West canyon	21-11250	MD21-01-0147	1.5–2	Qbt 3	Nitroso-di-n-propylamine[N-]	0.38	mg/kg	U
West canyon	21-11250	MD21-01-0147	1.5–2	Qbt 3	Nitrosodimethylamine[N-]	0.38	mg/kg	U
West canyon	21-11250	MD21-01-0147	1.5–2	Qbt 3	Nitrosodiphenylamine[N-]	0.38	mg/kg	U
West canyon	21-11250	MD21-01-0147	1.5–2	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.38	mg/kg	U
West canyon	21-11250	MD21-01-0147	1.5–2	Qbt 3	Pentachlorophenol	1.9	mg/kg	U
West canyon	21-11250	MD21-01-0147	1.5–2	Qbt 3	Phenol	0.38	mg/kg	U
West canyon	21-11250	MD21-01-0147	1.5–2	Qbt 3	Trichlorobenzene[1,2,4-]	0.38	mg/kg	U
West canyon	21-11250	MD21-01-0147	1.5–2	Qbt 3	Trichlorophenol[2,4,5-]	0.38	mg/kg	U
West canyon	21-11250	MD21-01-0147	1.5–2	Qbt 3	Trichlorophenol[2,4,6-]	0.38	mg/kg	U
West canyon	21-11250	MD21-01-0147	1.5–2	Qbt 3	Chlorobenzene	0.0056	mg/kg	U
West canyon	21-11250	MD21-01-0147	1.5–2	Qbt 3	Dichlorobenzene[1,4-]	0.0056	mg/kg	U
West canyon	21-11250	MD21-01-0147	1.5–2	Qbt 3	Dichloroethene[1,1-]	0.0056	mg/kg	U
West canyon	21-11250	MD21-01-0147	1.5–2	Qbt 3	Trichloroethene	0.0056	mg/kg	U
West canyon	21-11250	MD21-01-0147	1.5–2	Qbt 3	Trimethylbenzene[1,2,4-]	0.0056	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11250	MD21-01-0147	1.5–2	Qbt 3	Trimethylbenzene[1,3,5-]	0.0056	mg/kg	U
West canyon	21-11250	MD21-01-0148	3.5–4	Qbt 3	Aluminum	9710	mg/kg	None
West canyon	21-11250	MD21-01-0148	3.5–4	Qbt 3	Antimony	0.25	mg/kg	U
West canyon	21-11250	MD21-01-0148	3.5–4	Qbt 3	Arsenic	3.6	mg/kg	None
West canyon	21-11250	MD21-01-0148	3.5–4	Qbt 3	Barium	114	mg/kg	None
West canyon	21-11250	MD21-01-0148	3.5–4	Qbt 3	Beryllium	0.91	mg/kg	None
West canyon	21-11250	MD21-01-0148	3.5–4	Qbt 3	Cadmium	0.017	mg/kg	U
West canyon	21-11250	MD21-01-0148	3.5–4	Qbt 3	Calcium	3310	mg/kg	J+
West canyon	21-11250	MD21-01-0148	3.5–4	Qbt 3	Chromium, total	8.3	mg/kg	J-
West canyon	21-11250	MD21-01-0148	3.5–4	Qbt 3	Cobalt	2.9	mg/kg	J
West canyon	21-11250	MD21-01-0148	3.5–4	Qbt 3	Copper	11	mg/kg	None
West canyon	21-11250	MD21-01-0148	3.5–4	Qbt 3	Iron	10600	mg/kg	None
West canyon	21-11250	MD21-01-0148	3.5–4	Qbt 3	Magnesium	1350	mg/kg	None
West canyon	21-11250	MD21-01-0148	3.5–4	Qbt 3	Manganese	165	mg/kg	None
West canyon	21-11250	MD21-01-0148	3.5–4	Qbt 3	Mercury	0.034	mg/kg	J
West canyon	21-11250	MD21-01-0148	3.5–4	Qbt 3	Nickel	5.4	mg/kg	None
West canyon	21-11250	MD21-01-0148	3.5–4	Qbt 3	Potassium	449	mg/kg	J
West canyon	21-11250	MD21-01-0148	3.5–4	Qbt 3	Selenium	0.33	mg/kg	J
West canyon	21-11250	MD21-01-0148	3.5–4	Qbt 3	Silver	0.48	mg/kg	U
West canyon	21-11250	MD21-01-0148	3.5–4	Qbt 3	Sodium	401	mg/kg	J
West canyon	21-11250	MD21-01-0148	3.5–4	Qbt 3	Thallium	0.17	mg/kg	U
West canyon	21-11250	MD21-01-0148	3.5–4	Qbt 3	Vanadium	13	mg/kg	None
West canyon	21-11250	MD21-01-0148	3.5–4	Qbt 3	Zinc	29.8	mg/kg	None
West canyon	21-11250	MD21-01-0148	3.5–4	Qbt 3	Acenaphthylene	0.38	mg/kg	U
West canyon	21-11250	MD21-01-0148	3.5–4	Qbt 3	Aniline	0.38	mg/kg	U
West canyon	21-11250	MD21-01-0148	3.5–4	Qbt 3	Azobenzene	0.38	mg/kg	U
West canyon	21-11250	MD21-01-0148	3.5–4	Qbt 3	Benzo(g,h,i)perylene	0.38	mg/kg	U
West canyon	21-11250	MD21-01-0148	3.5–4	Qbt 3	Benzoic acid	0.091	mg/kg	J
West canyon	21-11250	MD21-01-0148	3.5–4	Qbt 3	Benzyl alcohol	0.38	mg/kg	U
West canyon	21-11250	MD21-01-0148	3.5–4	Qbt 3	Bis(2-chloroethoxy)methane	0.38	mg/kg	U
West canyon	21-11250	MD21-01-0148	3.5–4	Qbt 3	Bis(2-chloroethyl)ether	0.38	mg/kg	U
West canyon	21-11250	MD21-01-0148	3.5–4	Qbt 3	Bis(2-ethylhexyl)phthalate	0.081	mg/kg	J
West canyon	21-11250	MD21-01-0148	3.5–4	Qbt 3	Bromophenyl-phenylether[4-]	0.38	mg/kg	U
West canyon	21-11250	MD21-01-0148	3.5–4	Qbt 3	Butylbenzylphthalate	0.38	mg/kg	U
West canyon	21-11250	MD21-01-0148	3.5–4	Qbt 3	Chloro-3-methylphenol[4-]	0.38	mg/kg	U
West canyon	21-11250	MD21-01-0148	3.5–4	Qbt 3	Chloroaniline[4-]	0.38	mg/kg	U
West canyon	21-11250	MD21-01-0148	3.5–4	Qbt 3	Chloronaphthalene[2-]	0.38	mg/kg	U
West canyon	21-11250	MD21-01-0148	3.5–4	Qbt 3	Chlorophenol[2-]	0.38	mg/kg	U
West canyon	21-11250	MD21-01-0148	3.5–4	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.38	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11250	MD21-01-0148	3.5–4	Qbt 3	Di-n-butylphthalate	0.38	mg/kg	U
West canyon	21-11250	MD21-01-0148	3.5–4	Qbt 3	Di-n-octylphthalate	0.38	mg/kg	U
West canyon	21-11250	MD21-01-0148	3.5–4	Qbt 3	Dibenzofuran	0.38	mg/kg	U
West canyon	21-11250	MD21-01-0148	3.5–4	Qbt 3	Dichlorobenzene[1,2-]	0.38	mg/kg	U
West canyon	21-11250	MD21-01-0148	3.5–4	Qbt 3	Dichlorobenzene[1,3-]	0.38	mg/kg	U
West canyon	21-11250	MD21-01-0148	3.5–4	Qbt 3	Dichlorobenzene[1,4-]	0.38	mg/kg	U
West canyon	21-11250	MD21-01-0148	3.5–4	Qbt 3	Dichlorobenzidine[3,3'-]	1.8	mg/kg	U
West canyon	21-11250	MD21-01-0148	3.5–4	Qbt 3	Dichlorophenol[2,4-]	0.38	mg/kg	U
West canyon	21-11250	MD21-01-0148	3.5–4	Qbt 3	Diethylphthalate	0.38	mg/kg	U
West canyon	21-11250	MD21-01-0148	3.5–4	Qbt 3	Dimethyl phthalate	0.38	mg/kg	U
West canyon	21-11250	MD21-01-0148	3.5–4	Qbt 3	Dimethylphenol[2,4-]	0.38	mg/kg	U
West canyon	21-11250	MD21-01-0148	3.5–4	Qbt 3	Dinitro-2-methylphenol[4,6-]	1.8	mg/kg	U
West canyon	21-11250	MD21-01-0148	3.5–4	Qbt 3	Dinitrophenol[2,4-]	1.8	mg/kg	U
West canyon	21-11250	MD21-01-0148	3.5–4	Qbt 3	Dinitrotoluene[2,4-]	0.38	mg/kg	U
West canyon	21-11250	MD21-01-0148	3.5–4	Qbt 3	Dinitrotoluene[2,6-]	0.38	mg/kg	U
West canyon	21-11250	MD21-01-0148	3.5–4	Qbt 3	Hexachlorobenzene	0.38	mg/kg	U
West canyon	21-11250	MD21-01-0148	3.5–4	Qbt 3	Hexachlorobutadiene	0.38	mg/kg	U
West canyon	21-11250	MD21-01-0148	3.5–4	Qbt 3	Hexachlorocyclopentadiene	1.8	mg/kg	U
West canyon	21-11250	MD21-01-0148	3.5–4	Qbt 3	Hexachloroethane	0.38	mg/kg	U
West canyon	21-11250	MD21-01-0148	3.5–4	Qbt 3	Indeno(1,2,3-cd)pyrene	0.38	mg/kg	U
West canyon	21-11250	MD21-01-0148	3.5–4	Qbt 3	Isophorone	0.38	mg/kg	U
West canyon	21-11250	MD21-01-0148	3.5–4	Qbt 3	Methylphenol[2-]	0.38	mg/kg	U
West canyon	21-11250	MD21-01-0148	3.5–4	Qbt 3	Methylphenol[4-]	0.38	mg/kg	U
West canyon	21-11250	MD21-01-0148	3.5–4	Qbt 3	Nitroaniline[2-]	1.8	mg/kg	U
West canyon	21-11250	MD21-01-0148	3.5–4	Qbt 3	Nitroaniline[3-]	1.8	mg/kg	U
West canyon	21-11250	MD21-01-0148	3.5–4	Qbt 3	Nitroaniline[4-]	1.8	mg/kg	U
West canyon	21-11250	MD21-01-0148	3.5–4	Qbt 3	Nitrobenzene	0.38	mg/kg	U
West canyon	21-11250	MD21-01-0148	3.5–4	Qbt 3	Nitrophenol[2-]	0.38	mg/kg	U
West canyon	21-11250	MD21-01-0148	3.5–4	Qbt 3	Nitrophenol[4-]	1.8	mg/kg	U
West canyon	21-11250	MD21-01-0148	3.5–4	Qbt 3	Nitroso-di-n-propylamine[N-]	0.38	mg/kg	U
West canyon	21-11250	MD21-01-0148	3.5–4	Qbt 3	Nitrosodimethylamine[N-]	0.38	mg/kg	U
West canyon	21-11250	MD21-01-0148	3.5–4	Qbt 3	Nitrosodiphenylamine[N-]	0.38	mg/kg	U
West canyon	21-11250	MD21-01-0148	3.5–4	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.38	mg/kg	U
West canyon	21-11250	MD21-01-0148	3.5–4	Qbt 3	Pentachlorophenol	1.8	mg/kg	U
West canyon	21-11250	MD21-01-0148	3.5–4	Qbt 3	Phenol	0.38	mg/kg	U
West canyon	21-11250	MD21-01-0148	3.5–4	Qbt 3	Trichlorobenzene[1,2,4-]	0.38	mg/kg	U
West canyon	21-11250	MD21-01-0148	3.5–4	Qbt 3	Trichlorophenol[2,4,5-]	0.38	mg/kg	U
West canyon	21-11250	MD21-01-0148	3.5–4	Qbt 3	Trichlorophenol[2,4,6-]	0.38	mg/kg	U
West canyon	21-11250	MD21-01-0148	3.5–4	Qbt 3	Trimethylbenzene[1,2,4-]	0.0055	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11250	MD21-01-0148	3.5–4	Qbt 3	Trimethylbenzene[1,3,5-]	0.0055	mg/kg	U
West canyon	21-11251	MD21-01-0149	1.5–2	Sediment	Aluminum	2030	mg/kg	None
West canyon	21-11251	MD21-01-0149	1.5–2	Sediment	Antimony	0.23	mg/kg	J
West canyon	21-11251	MD21-01-0149	1.5–2	Sediment	Arsenic	3.4	mg/kg	None
West canyon	21-11251	MD21-01-0149	1.5–2	Sediment	Barium	37.3	mg/kg	None
West canyon	21-11251	MD21-01-0149	1.5–2	Sediment	Beryllium	0.15	mg/kg	J
West canyon	21-11251	MD21-01-0149	1.5–2	Sediment	Cadmium	0.016	mg/kg	U
West canyon	21-11251	MD21-01-0149	1.5–2	Sediment	Calcium	1530	mg/kg	J+
West canyon	21-11251	MD21-01-0149	1.5–2	Sediment	Chromium, total	13.1	mg/kg	J-
West canyon	21-11251	MD21-01-0149	1.5–2	Sediment	Cobalt	2.3	mg/kg	J
West canyon	21-11251	MD21-01-0149	1.5–2	Sediment	Copper	9.4	mg/kg	None
West canyon	21-11251	MD21-01-0149	1.5–2	Sediment	Iron	6310	mg/kg	None
West canyon	21-11251	MD21-01-0149	1.5–2	Sediment	Magnesium	725	mg/kg	None
West canyon	21-11251	MD21-01-0149	1.5–2	Sediment	Manganese	75.1	mg/kg	None
West canyon	21-11251	MD21-01-0149	1.5–2	Sediment	Mercury	0.067	mg/kg	None
West canyon	21-11251	MD21-01-0149	1.5–2	Sediment	Nickel	4.3	mg/kg	None
West canyon	21-11251	MD21-01-0149	1.5–2	Sediment	Potassium	365	mg/kg	J
West canyon	21-11251	MD21-01-0149	1.5–2	Sediment	Selenium	0.22	mg/kg	J
West canyon	21-11251	MD21-01-0149	1.5–2	Sediment	Silver	2.6	mg/kg	U
West canyon	21-11251	MD21-01-0149	1.5–2	Sediment	Sodium	32.6	mg/kg	J
West canyon	21-11251	MD21-01-0149	1.5–2	Sediment	Thallium	0.16	mg/kg	J
West canyon	21-11251	MD21-01-0149	1.5–2	Sediment	Vanadium	16.5	mg/kg	None
West canyon	21-11251	MD21-01-0149	1.5–2	Sediment	Zinc	56.3	mg/kg	None
West canyon	21-11251	MD21-01-0149	1.5–2	Sediment	Acenaphthylene	0.34	mg/kg	U
West canyon	21-11251	MD21-01-0149	1.5–2	Sediment	Aniline	0.34	mg/kg	U
West canyon	21-11251	MD21-01-0149	1.5–2	Sediment	Azobenzene	0.34	mg/kg	U
West canyon	21-11251	MD21-01-0149	1.5–2	Sediment	Benzo(g,h,i)perylene	0.34	mg/kg	U
West canyon	21-11251	MD21-01-0149	1.5–2	Sediment	Benzoic acid	0.14	mg/kg	J
West canyon	21-11251	MD21-01-0149	1.5–2	Sediment	Benzyl alcohol	0.34	mg/kg	U
West canyon	21-11251	MD21-01-0149	1.5–2	Sediment	Bis(2-chloroethoxy)methane	0.34	mg/kg	U
West canyon	21-11251	MD21-01-0149	1.5–2	Sediment	Bis(2-chloroethyl)ether	0.34	mg/kg	U
West canyon	21-11251	MD21-01-0149	1.5–2	Sediment	Bis(2-ethylhexyl)phthalate	0.31	mg/kg	J
West canyon	21-11251	MD21-01-0149	1.5–2	Sediment	Bromophenyl-phenylether[4-]	0.34	mg/kg	U
West canyon	21-11251	MD21-01-0149	1.5–2	Sediment	Butylbenzylphthalate	0.34	mg/kg	U
West canyon	21-11251	MD21-01-0149	1.5–2	Sediment	Chloro-3-methylphenol[4-]	0.34	mg/kg	U
West canyon	21-11251	MD21-01-0149	1.5–2	Sediment	Chloroaniline[4-]	0.34	mg/kg	U
West canyon	21-11251	MD21-01-0149	1.5–2	Sediment	Chloronaphthalene[2-]	0.34	mg/kg	U
West canyon	21-11251	MD21-01-0149	1.5–2	Sediment	Chlorophenol[2-]	0.34	mg/kg	U
West canyon	21-11251	MD21-01-0149	1.5–2	Sediment	Chlorophenyl-phenyl[4-] ether	0.34	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11251	MD21-01-0149	1.5–2	Sediment	Di-n-butylphthalate	0.34	mg/kg	U
West canyon	21-11251	MD21-01-0149	1.5–2	Sediment	Di-n-octylphthalate	0.34	mg/kg	U
West canyon	21-11251	MD21-01-0149	1.5–2	Sediment	Dibenzofuran	0.34	mg/kg	U
West canyon	21-11251	MD21-01-0149	1.5–2	Sediment	Dichlorobenzene[1,2-]	0.34	mg/kg	U
West canyon	21-11251	MD21-01-0149	1.5–2	Sediment	Dichlorobenzene[1,3-]	0.34	mg/kg	U
West canyon	21-11251	MD21-01-0149	1.5–2	Sediment	Dichlorobenzene[1,4-]	0.34	mg/kg	U
West canyon	21-11251	MD21-01-0149	1.5–2	Sediment	Dichlorobenzidine[3,3'-]	1.7	mg/kg	U
West canyon	21-11251	MD21-01-0149	1.5–2	Sediment	Dichlorophenol[2,4-]	0.34	mg/kg	U
West canyon	21-11251	MD21-01-0149	1.5–2	Sediment	Diethylphthalate	0.34	mg/kg	U
West canyon	21-11251	MD21-01-0149	1.5–2	Sediment	Dimethyl phthalate	0.34	mg/kg	U
West canyon	21-11251	MD21-01-0149	1.5–2	Sediment	Dimethylphenol[2,4-]	0.34	mg/kg	U
West canyon	21-11251	MD21-01-0149	1.5–2	Sediment	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
West canyon	21-11251	MD21-01-0149	1.5–2	Sediment	Dinitrophenol[2,4-]	1.7	mg/kg	U
West canyon	21-11251	MD21-01-0149	1.5–2	Sediment	Dinitrotoluene[2,4-]	0.34	mg/kg	U
West canyon	21-11251	MD21-01-0149	1.5–2	Sediment	Dinitrotoluene[2,6-]	0.34	mg/kg	U
West canyon	21-11251	MD21-01-0149	1.5–2	Sediment	Hexachlorobenzene	0.34	mg/kg	U
West canyon	21-11251	MD21-01-0149	1.5–2	Sediment	Hexachlorobutadiene	0.34	mg/kg	U
West canyon	21-11251	MD21-01-0149	1.5–2	Sediment	Hexachlorocyclopentadiene	1.7	mg/kg	U
West canyon	21-11251	MD21-01-0149	1.5–2	Sediment	Hexachloroethane	0.34	mg/kg	U
West canyon	21-11251	MD21-01-0149	1.5–2	Sediment	Indeno(1,2,3-cd)pyrene	0.34	mg/kg	U
West canyon	21-11251	MD21-01-0149	1.5–2	Sediment	Isophorone	0.34	mg/kg	U
West canyon	21-11251	MD21-01-0149	1.5–2	Sediment	Methylphenol[2-]	0.34	mg/kg	U
West canyon	21-11251	MD21-01-0149	1.5–2	Sediment	Methylphenol[4-]	0.34	mg/kg	U
West canyon	21-11251	MD21-01-0149	1.5–2	Sediment	Nitroaniline[2-]	1.7	mg/kg	U
West canyon	21-11251	MD21-01-0149	1.5–2	Sediment	Nitroaniline[3-]	1.7	mg/kg	U
West canyon	21-11251	MD21-01-0149	1.5–2	Sediment	Nitroaniline[4-]	1.7	mg/kg	U
West canyon	21-11251	MD21-01-0149	1.5–2	Sediment	Nitrobenzene	0.34	mg/kg	U
West canyon	21-11251	MD21-01-0149	1.5–2	Sediment	Nitrophenol[2-]	0.34	mg/kg	U
West canyon	21-11251	MD21-01-0149	1.5–2	Sediment	Nitrophenol[4-]	1.7	mg/kg	U
West canyon	21-11251	MD21-01-0149	1.5–2	Sediment	Nitroso-di-n-propylamine[N-]	0.34	mg/kg	U
West canyon	21-11251	MD21-01-0149	1.5–2	Sediment	Nitrosodimethylamine[N-]	0.34	mg/kg	U
West canyon	21-11251	MD21-01-0149	1.5–2	Sediment	Nitrosodiphenylamine[N-]	0.34	mg/kg	U
West canyon	21-11251	MD21-01-0149	1.5–2	Sediment	Oxybis(1-chloropropane)[2,2'-]	0.34	mg/kg	U
West canyon	21-11251	MD21-01-0149	1.5–2	Sediment	Pentachlorophenol	1.7	mg/kg	U
West canyon	21-11251	MD21-01-0149	1.5–2	Sediment	Phenol	0.34	mg/kg	U
West canyon	21-11251	MD21-01-0149	1.5–2	Sediment	Trichlorobenzene[1,2,4-]	0.34	mg/kg	U
West canyon	21-11251	MD21-01-0149	1.5–2	Sediment	Trichlorophenol[2,4,5-]	0.34	mg/kg	U
West canyon	21-11251	MD21-01-0149	1.5–2	Sediment	Trichlorophenol[2,4,6-]	0.34	mg/kg	U
West canyon	21-11251	MD21-01-0149	1.5–2	Sediment	Chlorobenzene	0.0048	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11251	MD21-01-0149	1.5–2	Sediment	Dichlorobenzene[1,4-]	0.0048	mg/kg	U
West canyon	21-11251	MD21-01-0149	1.5–2	Sediment	Dichloroethene[1,1-]	0.0048	mg/kg	U
West canyon	21-11251	MD21-01-0149	1.5–2	Sediment	Trichloroethene	0.0048	mg/kg	U
West canyon	21-11251	MD21-01-0149	1.5–2	Sediment	Trimethylbenzene[1,2,4-]	0.0048	mg/kg	U
West canyon	21-11251	MD21-01-0149	1.5–2	Sediment	Trimethylbenzene[1,3,5-]	0.0048	mg/kg	U
West canyon	21-11251	MD21-01-0150	3–3.5	Sediment	Aluminum	7430	mg/kg	None
West canyon	21-11251	MD21-01-0150	3–3.5	Sediment	Antimony	0.27	mg/kg	U
West canyon	21-11251	MD21-01-0150	3–3.5	Sediment	Arsenic	3.4	mg/kg	None
West canyon	21-11251	MD21-01-0150	3–3.5	Sediment	Barium	111	mg/kg	None
West canyon	21-11251	MD21-01-0150	3–3.5	Sediment	Beryllium	0.68	mg/kg	None
West canyon	21-11251	MD21-01-0150	3–3.5	Sediment	Cadmium	0.018	mg/kg	U
West canyon	21-11251	MD21-01-0150	3–3.5	Sediment	Calcium	2040	mg/kg	J+
West canyon	21-11251	MD21-01-0150	3–3.5	Sediment	Chromium, total	11.8	mg/kg	J-
West canyon	21-11251	MD21-01-0150	3–3.5	Sediment	Cobalt	7.2	mg/kg	None
West canyon	21-11251	MD21-01-0150	3–3.5	Sediment	Copper	13.8	mg/kg	None
West canyon	21-11251	MD21-01-0150	3–3.5	Sediment	Iron	11900	mg/kg	None
West canyon	21-11251	MD21-01-0150	3–3.5	Sediment	Magnesium	1170	mg/kg	None
West canyon	21-11251	MD21-01-0150	3–3.5	Sediment	Manganese	1100	mg/kg	None
West canyon	21-11251	MD21-01-0150	3–3.5	Sediment	Mercury	0.036	mg/kg	J
West canyon	21-11251	MD21-01-0150	3–3.5	Sediment	Nickel	9	mg/kg	None
West canyon	21-11251	MD21-01-0150	3–3.5	Sediment	Potassium	516	mg/kg	J
West canyon	21-11251	MD21-01-0150	3–3.5	Sediment	Selenium	0.15	mg/kg	U
West canyon	21-11251	MD21-01-0150	3–3.5	Sediment	Silver	0.51	mg/kg	U
West canyon	21-11251	MD21-01-0150	3–3.5	Sediment	Sodium	115	mg/kg	J
West canyon	21-11251	MD21-01-0150	3–3.5	Sediment	Thallium	0.57	mg/kg	J
West canyon	21-11251	MD21-01-0150	3–3.5	Sediment	Vanadium	17.1	mg/kg	None
West canyon	21-11251	MD21-01-0150	3–3.5	Sediment	Zinc	45.9	mg/kg	None
West canyon	21-11251	MD21-01-0150	3–3.5	Sediment	Acenaphthylene	0.4	mg/kg	U
West canyon	21-11251	MD21-01-0150	3–3.5	Sediment	Aniline	0.4	mg/kg	U
West canyon	21-11251	MD21-01-0150	3–3.5	Sediment	Azobenzene	0.4	mg/kg	U
West canyon	21-11251	MD21-01-0150	3–3.5	Sediment	Benzo(g,h,i)perylene	0.4	mg/kg	U
West canyon	21-11251	MD21-01-0150	3–3.5	Sediment	Benzoic acid	1.9	mg/kg	U
West canyon	21-11251	MD21-01-0150	3–3.5	Sediment	Benzyl alcohol	0.4	mg/kg	U
West canyon	21-11251	MD21-01-0150	3–3.5	Sediment	Bis(2-chloroethoxy)methane	0.4	mg/kg	U
West canyon	21-11251	MD21-01-0150	3–3.5	Sediment	Bis(2-chloroethyl)ether	0.4	mg/kg	U
West canyon	21-11251	MD21-01-0150	3–3.5	Sediment	Bis(2-ethylhexyl)phthalate	0.25	mg/kg	J
West canyon	21-11251	MD21-01-0150	3–3.5	Sediment	Bromophenyl-phenylether[4-]	0.4	mg/kg	U
West canyon	21-11251	MD21-01-0150	3–3.5	Sediment	Butylbenzylphthalate	0.4	mg/kg	U
West canyon	21-11251	MD21-01-0150	3–3.5	Sediment	Chloro-3-methylphenol[4-]	0.4	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11251	MD21-01-0150	3–3.5	Sediment	Chloroaniline[4-]	0.4	mg/kg	U
West canyon	21-11251	MD21-01-0150	3–3.5	Sediment	Chloronaphthalene[2-]	0.4	mg/kg	U
West canyon	21-11251	MD21-01-0150	3–3.5	Sediment	Chlorophenol[2-]	0.4	mg/kg	U
West canyon	21-11251	MD21-01-0150	3–3.5	Sediment	Chlorophenyl-phenyl[4-] ether	0.4	mg/kg	U
West canyon	21-11251	MD21-01-0150	3–3.5	Sediment	Di-n-butylphthalate	0.4	mg/kg	U
West canyon	21-11251	MD21-01-0150	3–3.5	Sediment	Di-n-octylphthalate	0.4	mg/kg	U
West canyon	21-11251	MD21-01-0150	3–3.5	Sediment	Dibenzofuran	0.4	mg/kg	U
West canyon	21-11251	MD21-01-0150	3–3.5	Sediment	Dichlorobenzene[1,2-]	0.4	mg/kg	U
West canyon	21-11251	MD21-01-0150	3–3.5	Sediment	Dichlorobenzene[1,3-]	0.4	mg/kg	U
West canyon	21-11251	MD21-01-0150	3–3.5	Sediment	Dichlorobenzene[1,4-]	0.4	mg/kg	U
West canyon	21-11251	MD21-01-0150	3–3.5	Sediment	Dichlorobenzidine[3,3'-]	1.9	mg/kg	U
West canyon	21-11251	MD21-01-0150	3–3.5	Sediment	Dichlorophenol[2,4-]	0.4	mg/kg	U
West canyon	21-11251	MD21-01-0150	3–3.5	Sediment	Diethylphthalate	0.4	mg/kg	U
West canyon	21-11251	MD21-01-0150	3–3.5	Sediment	Dimethyl phthalate	0.4	mg/kg	U
West canyon	21-11251	MD21-01-0150	3–3.5	Sediment	Dimethylphenol[2,4-]	0.4	mg/kg	U
West canyon	21-11251	MD21-01-0150	3–3.5	Sediment	Dinitro-2-methylphenol[4,6-]	1.9	mg/kg	U
West canyon	21-11251	MD21-01-0150	3–3.5	Sediment	Dinitrophenol[2,4-]	1.9	mg/kg	U
West canyon	21-11251	MD21-01-0150	3–3.5	Sediment	Dinitrotoluene[2,4-]	0.4	mg/kg	U
West canyon	21-11251	MD21-01-0150	3–3.5	Sediment	Dinitrotoluene[2,6-]	0.4	mg/kg	U
West canyon	21-11251	MD21-01-0150	3–3.5	Sediment	Hexachlorobenzene	0.4	mg/kg	U
West canyon	21-11251	MD21-01-0150	3–3.5	Sediment	Hexachlorobutadiene	0.4	mg/kg	U
West canyon	21-11251	MD21-01-0150	3–3.5	Sediment	Hexachlorocyclopentadiene	1.9	mg/kg	U
West canyon	21-11251	MD21-01-0150	3–3.5	Sediment	Hexachloroethane	0.4	mg/kg	U
West canyon	21-11251	MD21-01-0150	3–3.5	Sediment	Indeno(1,2,3-cd)pyrene	0.4	mg/kg	U
West canyon	21-11251	MD21-01-0150	3–3.5	Sediment	Isophorone	0.4	mg/kg	U
West canyon	21-11251	MD21-01-0150	3–3.5	Sediment	Methylphenol[2-]	0.4	mg/kg	U
West canyon	21-11251	MD21-01-0150	3–3.5	Sediment	Methylphenol[4-]	0.4	mg/kg	U
West canyon	21-11251	MD21-01-0150	3–3.5	Sediment	Nitroaniline[2-]	1.9	mg/kg	U
West canyon	21-11251	MD21-01-0150	3–3.5	Sediment	Nitroaniline[3-]	1.9	mg/kg	U
West canyon	21-11251	MD21-01-0150	3–3.5	Sediment	Nitroaniline[4-]	1.9	mg/kg	U
West canyon	21-11251	MD21-01-0150	3–3.5	Sediment	Nitrobenzene	0.4	mg/kg	U
West canyon	21-11251	MD21-01-0150	3–3.5	Sediment	Nitrophenol[2-]	0.4	mg/kg	U
West canyon	21-11251	MD21-01-0150	3–3.5	Sediment	Nitrophenol[4-]	1.9	mg/kg	U
West canyon	21-11251	MD21-01-0150	3–3.5	Sediment	Nitroso-di-n-propylamine[N-]	0.4	mg/kg	U
West canyon	21-11251	MD21-01-0150	3–3.5	Sediment	Nitrosodimethylamine[N-]	0.4	mg/kg	U
West canyon	21-11251	MD21-01-0150	3–3.5	Sediment	Nitrosodiphenylamine[N-]	0.4	mg/kg	U
West canyon	21-11251	MD21-01-0150	3–3.5	Sediment	Oxybis(1-chloropropane)[2,2'-]	0.4	mg/kg	U
West canyon	21-11251	MD21-01-0150	3–3.5	Sediment	Pentachlorophenol	1.9	mg/kg	U
West canyon	21-11251	MD21-01-0150	3–3.5	Sediment	Phenol	0.4	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11251	MD21-01-0150	3–3.5	Sediment	Trichlorobenzene[1,2,4-]	0.4	mg/kg	U
West canyon	21-11251	MD21-01-0150	3–3.5	Sediment	Trichlorophenol[2,4,5-]	0.4	mg/kg	U
West canyon	21-11251	MD21-01-0150	3–3.5	Sediment	Trichlorophenol[2,4,6-]	0.4	mg/kg	U
West canyon	21-11251	MD21-01-0150	3–3.5	Sediment	Trimethylbenzene[1,2,4-]	1.1	mg/kg	None
West canyon	21-11251	MD21-01-0150	3–3.5	Sediment	Trimethylbenzene[1,3,5-]	0.25	mg/kg	U
West canyon	21-11251	MD21-01-0151	3–3.5	Sediment	Aluminum	9120	mg/kg	None
West canyon	21-11251	MD21-01-0151	3–3.5	Sediment	Antimony	0.28	mg/kg	U
West canyon	21-11251	MD21-01-0151	3–3.5	Sediment	Arsenic	2.6	mg/kg	None
West canyon	21-11251	MD21-01-0151	3–3.5	Sediment	Barium	105	mg/kg	None
West canyon	21-11251	MD21-01-0151	3–3.5	Sediment	Beryllium	0.79	mg/kg	None
West canyon	21-11251	MD21-01-0151	3–3.5	Sediment	Cadmium	0.019	mg/kg	U
West canyon	21-11251	MD21-01-0151	3–3.5	Sediment	Calcium	1690	mg/kg	J+
West canyon	21-11251	MD21-01-0151	3–3.5	Sediment	Chromium, total	6.6	mg/kg	J-
West canyon	21-11251	MD21-01-0151	3–3.5	Sediment	Cobalt	5.8	mg/kg	J
West canyon	21-11251	MD21-01-0151	3–3.5	Sediment	Copper	9.9	mg/kg	None
West canyon	21-11251	MD21-01-0151	3–3.5	Sediment	Iron	11300	mg/kg	None
West canyon	21-11251	MD21-01-0151	3–3.5	Sediment	Magnesium	949	mg/kg	None
West canyon	21-11251	MD21-01-0151	3–3.5	Sediment	Manganese	945	mg/kg	None
West canyon	21-11251	MD21-01-0151	3–3.5	Sediment	Mercury	0.046	mg/kg	None
West canyon	21-11251	MD21-01-0151	3–3.5	Sediment	Nickel	7.8	mg/kg	None
West canyon	21-11251	MD21-01-0151	3–3.5	Sediment	Potassium	392	mg/kg	J
West canyon	21-11251	MD21-01-0151	3–3.5	Sediment	Selenium	0.21	mg/kg	J
West canyon	21-11251	MD21-01-0151	3–3.5	Sediment	Silver	0.53	mg/kg	U
West canyon	21-11251	MD21-01-0151	3–3.5	Sediment	Sodium	107	mg/kg	J
West canyon	21-11251	MD21-01-0151	3–3.5	Sediment	Thallium	0.46	mg/kg	J
West canyon	21-11251	MD21-01-0151	3–3.5	Sediment	Vanadium	13.6	mg/kg	None
West canyon	21-11251	MD21-01-0151	3–3.5	Sediment	Zinc	35.5	mg/kg	None
West canyon	21-11251	MD21-01-0151	3–3.5	Sediment	Acenaphthylene	0.4	mg/kg	R
West canyon	21-11251	MD21-01-0151	3–3.5	Sediment	Aniline	0.4	mg/kg	U
West canyon	21-11251	MD21-01-0151	3–3.5	Sediment	Azobenzene	0.4	mg/kg	U
West canyon	21-11251	MD21-01-0151	3–3.5	Sediment	Benzo(g,h,i)perylene	0.4	mg/kg	U
West canyon	21-11251	MD21-01-0151	3–3.5	Sediment	Benzoic acid	1.9	mg/kg	U
West canyon	21-11251	MD21-01-0151	3–3.5	Sediment	Benzyl alcohol	0.4	mg/kg	U
West canyon	21-11251	MD21-01-0151	3–3.5	Sediment	Bis(2-chloroethoxy)methane	0.4	mg/kg	U
West canyon	21-11251	MD21-01-0151	3–3.5	Sediment	Bis(2-chloroethyl)ether	0.4	mg/kg	U
West canyon	21-11251	MD21-01-0151	3–3.5	Sediment	Bis(2-ethylhexyl)phthalate	0.23	mg/kg	J
West canyon	21-11251	MD21-01-0151	3–3.5	Sediment	Bromophenyl-phenylether[4-]	0.4	mg/kg	U
West canyon	21-11251	MD21-01-0151	3–3.5	Sediment	Butylbenzylphthalate	0.4	mg/kg	U
West canyon	21-11251	MD21-01-0151	3–3.5	Sediment	Chloro-3-methylphenol[4-]	0.4	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11251	MD21-01-0151	3–3.5	Sediment	Chloroaniline[4-]	0.4	mg/kg	U
West canyon	21-11251	MD21-01-0151	3–3.5	Sediment	Chloronaphthalene[2-]	0.4	mg/kg	R
West canyon	21-11251	MD21-01-0151	3–3.5	Sediment	Chlorophenol[2-]	0.4	mg/kg	U
West canyon	21-11251	MD21-01-0151	3–3.5	Sediment	Chlorophenyl-phenyl[4-] ether	0.4	mg/kg	R
West canyon	21-11251	MD21-01-0151	3–3.5	Sediment	Di-n-butylphthalate	0.4	mg/kg	U
West canyon	21-11251	MD21-01-0151	3–3.5	Sediment	Di-n-octylphthalate	0.4	mg/kg	U
West canyon	21-11251	MD21-01-0151	3–3.5	Sediment	Dibenzofuran	0.4	mg/kg	R
West canyon	21-11251	MD21-01-0151	3–3.5	Sediment	Dichlorobenzene[1,2-]	0.4	mg/kg	U
West canyon	21-11251	MD21-01-0151	3–3.5	Sediment	Dichlorobenzene[1,3-]	0.4	mg/kg	U
West canyon	21-11251	MD21-01-0151	3–3.5	Sediment	Dichlorobenzene[1,4-]	0.4	mg/kg	U
West canyon	21-11251	MD21-01-0151	3–3.5	Sediment	Dichlorobenzidine[3,3'-]	1.9	mg/kg	U
West canyon	21-11251	MD21-01-0151	3–3.5	Sediment	Dichlorophenol[2,4-]	0.4	mg/kg	U
West canyon	21-11251	MD21-01-0151	3–3.5	Sediment	Diethylphthalate	0.4	mg/kg	R
West canyon	21-11251	MD21-01-0151	3–3.5	Sediment	Dimethyl phthalate	0.4	mg/kg	R
West canyon	21-11251	MD21-01-0151	3–3.5	Sediment	Dimethylphenol[2,4-]	0.4	mg/kg	U
West canyon	21-11251	MD21-01-0151	3–3.5	Sediment	Dinitro-2-methylphenol[4,6-]	1.9	mg/kg	U
West canyon	21-11251	MD21-01-0151	3–3.5	Sediment	Dinitrophenol[2,4-]	1.9	mg/kg	R
West canyon	21-11251	MD21-01-0151	3–3.5	Sediment	Dinitrotoluene[2,4-]	0.4	mg/kg	R
West canyon	21-11251	MD21-01-0151	3–3.5	Sediment	Dinitrotoluene[2,6-]	0.4	mg/kg	R
West canyon	21-11251	MD21-01-0151	3–3.5	Sediment	Hexachlorobenzene	0.4	mg/kg	U
West canyon	21-11251	MD21-01-0151	3–3.5	Sediment	Hexachlorobutadiene	0.4	mg/kg	U
West canyon	21-11251	MD21-01-0151	3–3.5	Sediment	Hexachlorocyclopentadiene	1.9	mg/kg	R
West canyon	21-11251	MD21-01-0151	3–3.5	Sediment	Hexachloroethane	0.4	mg/kg	U
West canyon	21-11251	MD21-01-0151	3–3.5	Sediment	Indeno(1,2,3-cd)pyrene	0.4	mg/kg	U
West canyon	21-11251	MD21-01-0151	3–3.5	Sediment	Isophorone	0.4	mg/kg	U
West canyon	21-11251	MD21-01-0151	3–3.5	Sediment	Methylphenol[2-]	0.4	mg/kg	U
West canyon	21-11251	MD21-01-0151	3–3.5	Sediment	Methylphenol[4-]	0.4	mg/kg	U
West canyon	21-11251	MD21-01-0151	3–3.5	Sediment	Nitroaniline[2-]	1.9	mg/kg	R
West canyon	21-11251	MD21-01-0151	3–3.5	Sediment	Nitroaniline[3-]	1.9	mg/kg	R
West canyon	21-11251	MD21-01-0151	3–3.5	Sediment	Nitroaniline[4-]	1.9	mg/kg	R
West canyon	21-11251	MD21-01-0151	3–3.5	Sediment	Nitrobenzene	0.4	mg/kg	U
West canyon	21-11251	MD21-01-0151	3–3.5	Sediment	Nitrophenol[2-]	0.4	mg/kg	U
West canyon	21-11251	MD21-01-0151	3–3.5	Sediment	Nitrophenol[4-]	1.9	mg/kg	R
West canyon	21-11251	MD21-01-0151	3–3.5	Sediment	Nitroso-di-n-propylamine[N-]	0.4	mg/kg	U
West canyon	21-11251	MD21-01-0151	3–3.5	Sediment	Nitrosodimethylamine[N-]	0.4	mg/kg	U
West canyon	21-11251	MD21-01-0151	3–3.5	Sediment	Nitrosodiphenylamine[N-]	0.4	mg/kg	U
West canyon	21-11251	MD21-01-0151	3–3.5	Sediment	Oxybis(1-chloropropane)[2,2'-]	0.4	mg/kg	U
West canyon	21-11251	MD21-01-0151	3–3.5	Sediment	Pentachlorophenol	1.9	mg/kg	U
West canyon	21-11251	MD21-01-0151	3–3.5	Sediment	Phenol	0.4	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11251	MD21-01-0151	3–3.5	Sediment	Trichlorobenzene[1,2,4-]	0.4	mg/kg	U
West canyon	21-11251	MD21-01-0151	3–3.5	Sediment	Trichlorophenol[2,4,5-]	0.4	mg/kg	R
West canyon	21-11251	MD21-01-0151	3–3.5	Sediment	Trichlorophenol[2,4,6-]	0.4	mg/kg	R
West canyon	21-11251	MD21-01-0151	3–3.5	Sediment	Trimethylbenzene[1,2,4-]	2.6	mg/kg	None
West canyon	21-11251	MD21-01-0151	3–3.5	Sediment	Trimethylbenzene[1,3,5-]	0.27	mg/kg	U
West canyon	21-11252	MD21-01-0152	1.5–2	Qbt 3	Aluminum	3320	mg/kg	None
West canyon	21-11252	MD21-01-0152	1.5–2	Qbt 3	Antimony	0.23	mg/kg	U
West canyon	21-11252	MD21-01-0152	1.5–2	Qbt 3	Arsenic	1.5	mg/kg	None
West canyon	21-11252	MD21-01-0152	1.5–2	Qbt 3	Barium	38.3	mg/kg	None
West canyon	21-11252	MD21-01-0152	1.5–2	Qbt 3	Beryllium	0.63	mg/kg	None
West canyon	21-11252	MD21-01-0152	1.5–2	Qbt 3	Cadmium	0.016	mg/kg	U
West canyon	21-11252	MD21-01-0152	1.5–2	Qbt 3	Calcium	789	mg/kg	J+
West canyon	21-11252	MD21-01-0152	1.5–2	Qbt 3	Chromium, total	3.8	mg/kg	J-
West canyon	21-11252	MD21-01-0152	1.5–2	Qbt 3	Cobalt	1.2	mg/kg	J
West canyon	21-11252	MD21-01-0152	1.5–2	Qbt 3	Copper	5.6	mg/kg	None
West canyon	21-11252	MD21-01-0152	1.5–2	Qbt 3	Iron	6270	mg/kg	None
West canyon	21-11252	MD21-01-0152	1.5–2	Qbt 3	Magnesium	626	mg/kg	None
West canyon	21-11252	MD21-01-0152	1.5–2	Qbt 3	Manganese	309	mg/kg	None
West canyon	21-11252	MD21-01-0152	1.5–2	Qbt 3	Mercury	0.024	mg/kg	J
West canyon	21-11252	MD21-01-0152	1.5–2	Qbt 3	Nickel	3	mg/kg	J
West canyon	21-11252	MD21-01-0152	1.5–2	Qbt 3	Potassium	610	mg/kg	None
West canyon	21-11252	MD21-01-0152	1.5–2	Qbt 3	Selenium	0.13	mg/kg	U
West canyon	21-11252	MD21-01-0152	1.5–2	Qbt 3	Silver	0.44	mg/kg	U
West canyon	21-11252	MD21-01-0152	1.5–2	Qbt 3	Sodium	80.5	mg/kg	J
West canyon	21-11252	MD21-01-0152	1.5–2	Qbt 3	Thallium	0.16	mg/kg	U
West canyon	21-11252	MD21-01-0152	1.5–2	Qbt 3	Vanadium	4.6	mg/kg	J
West canyon	21-11252	MD21-01-0152	1.5–2	Qbt 3	Zinc	32	mg/kg	
West canyon	21-11252	MD21-01-0152	1.5–2	Qbt 3	Acenaphthylene	0.35	mg/kg	U
West canyon	21-11252	MD21-01-0152	1.5–2	Qbt 3	Aniline	0.35	mg/kg	U
West canyon	21-11252	MD21-01-0152	1.5–2	Qbt 3	Azobenzene	0.35	mg/kg	U
West canyon	21-11252	MD21-01-0152	1.5–2	Qbt 3	Benzo(g,h,i)perylene	0.35	mg/kg	U
West canyon	21-11252	MD21-01-0152	1.5–2	Qbt 3	Benzoic acid	1.7	mg/kg	U
West canyon	21-11252	MD21-01-0152	1.5–2	Qbt 3	Benzyl alcohol	0.35	mg/kg	U
West canyon	21-11252	MD21-01-0152	1.5–2	Qbt 3	Bis(2-chloroethoxy)methane	0.35	mg/kg	U
West canyon	21-11252	MD21-01-0152	1.5–2	Qbt 3	Bis(2-chloroethyl)ether	0.35	mg/kg	U
West canyon	21-11252	MD21-01-0152	1.5–2	Qbt 3	Bis(2-ethylhexyl)phthalate	0.35	mg/kg	U
West canyon	21-11252	MD21-01-0152	1.5–2	Qbt 3	Bromophenyl-phenylether[4-]	0.35	mg/kg	U
West canyon	21-11252	MD21-01-0152	1.5–2	Qbt 3	Butylbenzylphthalate	0.35	mg/kg	U
West canyon	21-11252	MD21-01-0152	1.5–2	Qbt 3	Chloro-3-methylphenol[4-]	0.35	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11252	MD21-01-0152	1.5–2	Qbt 3	Chloroaniline[4-]	0.35	mg/kg	U
West canyon	21-11252	MD21-01-0152	1.5–2	Qbt 3	Chloronaphthalene[2-]	0.35	mg/kg	U
West canyon	21-11252	MD21-01-0152	1.5–2	Qbt 3	Chlorophenol[2-]	0.35	mg/kg	U
West canyon	21-11252	MD21-01-0152	1.5–2	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.35	mg/kg	U
West canyon	21-11252	MD21-01-0152	1.5–2	Qbt 3	Di-n-butylphthalate	0.35	mg/kg	U
West canyon	21-11252	MD21-01-0152	1.5–2	Qbt 3	Di-n-octylphthalate	0.35	mg/kg	U
West canyon	21-11252	MD21-01-0152	1.5–2	Qbt 3	Dibenzofuran	0.35	mg/kg	U
West canyon	21-11252	MD21-01-0152	1.5–2	Qbt 3	Dichlorobenzene[1,2-]	0.35	mg/kg	U
West canyon	21-11252	MD21-01-0152	1.5–2	Qbt 3	Dichlorobenzene[1,3-]	0.35	mg/kg	U
West canyon	21-11252	MD21-01-0152	1.5–2	Qbt 3	Dichlorobenzene[1,4-]	0.35	mg/kg	U
West canyon	21-11252	MD21-01-0152	1.5–2	Qbt 3	Dichlorobenzidine[3,3'-]	1.7	mg/kg	U
West canyon	21-11252	MD21-01-0152	1.5–2	Qbt 3	Dichlorophenol[2,4-]	0.35	mg/kg	U
West canyon	21-11252	MD21-01-0152	1.5–2	Qbt 3	Diethylphthalate	0.35	mg/kg	U
West canyon	21-11252	MD21-01-0152	1.5–2	Qbt 3	Dimethyl phthalate	0.35	mg/kg	U
West canyon	21-11252	MD21-01-0152	1.5–2	Qbt 3	Dimethylphenol[2,4-]	0.35	mg/kg	U
West canyon	21-11252	MD21-01-0152	1.5–2	Qbt 3	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
West canyon	21-11252	MD21-01-0152	1.5–2	Qbt 3	Dinitrophenol[2,4-]	1.7	mg/kg	U
West canyon	21-11252	MD21-01-0152	1.5–2	Qbt 3	Dinitrotoluene[2,4-]	0.35	mg/kg	U
West canyon	21-11252	MD21-01-0152	1.5–2	Qbt 3	Dinitrotoluene[2,6-]	0.35	mg/kg	U
West canyon	21-11252	MD21-01-0152	1.5–2	Qbt 3	Hexachlorobenzene	0.35	mg/kg	U
West canyon	21-11252	MD21-01-0152	1.5–2	Qbt 3	Hexachlorobutadiene	0.35	mg/kg	U
West canyon	21-11252	MD21-01-0152	1.5–2	Qbt 3	Hexachlorocyclopentadiene	1.7	mg/kg	U
West canyon	21-11252	MD21-01-0152	1.5–2	Qbt 3	Hexachloroethane	0.35	mg/kg	U
West canyon	21-11252	MD21-01-0152	1.5–2	Qbt 3	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	U
West canyon	21-11252	MD21-01-0152	1.5–2	Qbt 3	Isophorone	0.35	mg/kg	U
West canyon	21-11252	MD21-01-0152	1.5–2	Qbt 3	Methylphenol[2-]	0.35	mg/kg	U
West canyon	21-11252	MD21-01-0152	1.5–2	Qbt 3	Methylphenol[4-]	0.35	mg/kg	U
West canyon	21-11252	MD21-01-0152	1.5–2	Qbt 3	Nitroaniline[2-]	1.7	mg/kg	U
West canyon	21-11252	MD21-01-0152	1.5–2	Qbt 3	Nitroaniline[3-]	1.7	mg/kg	U
West canyon	21-11252	MD21-01-0152	1.5–2	Qbt 3	Nitroaniline[4-]	1.7	mg/kg	U
West canyon	21-11252	MD21-01-0152	1.5–2	Qbt 3	Nitrobenzene	0.35	mg/kg	U
West canyon	21-11252	MD21-01-0152	1.5–2	Qbt 3	Nitrophenol[2-]	0.35	mg/kg	U
West canyon	21-11252	MD21-01-0152	1.5–2	Qbt 3	Nitrophenol[4-]	1.7	mg/kg	U
West canyon	21-11252	MD21-01-0152	1.5–2	Qbt 3	Nitroso-di-n-propylamine[N-]	0.35	mg/kg	U
West canyon	21-11252	MD21-01-0152	1.5–2	Qbt 3	Nitrosodimethylamine[N-]	0.35	mg/kg	U
West canyon	21-11252	MD21-01-0152	1.5–2	Qbt 3	Nitrosodiphenylamine[N-]	0.35	mg/kg	U
West canyon	21-11252	MD21-01-0152	1.5–2	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.35	mg/kg	U
West canyon	21-11252	MD21-01-0152	1.5–2	Qbt 3	Pentachlorophenol	1.7	mg/kg	U
West canyon	21-11252	MD21-01-0152	1.5–2	Qbt 3	Phenol	0.35	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11252	MD21-01-0152	1.5–2	Qbt 3	Trichlorobenzene[1,2,4-]	0.35	mg/kg	U
West canyon	21-11252	MD21-01-0152	1.5–2	Qbt 3	Trichlorophenol[2,4,5-]	0.35	mg/kg	U
West canyon	21-11252	MD21-01-0152	1.5–2	Qbt 3	Trichlorophenol[2,4,6-]	0.35	mg/kg	U
West canyon	21-11252	MD21-01-0152	1.5–2	Qbt 3	Chlorobenzene	0.0056	mg/kg	U
West canyon	21-11252	MD21-01-0152	1.5–2	Qbt 3	Dichlorobenzene[1,4-]	0.0056	mg/kg	U
West canyon	21-11252	MD21-01-0152	1.5–2	Qbt 3	Dichloroethene[1,1-]	0.0056	mg/kg	U
West canyon	21-11252	MD21-01-0152	1.5–2	Qbt 3	Trichloroethene	0.0056	mg/kg	U
West canyon	21-11252	MD21-01-0152	1.5–2	Qbt 3	Trimethylbenzene[1,2,4-]	0.0056	mg/kg	U
West canyon	21-11252	MD21-01-0152	1.5–2	Qbt 3	Trimethylbenzene[1,3,5-]	0.0056	mg/kg	U
West canyon	21-11252	MD21-01-0153	5.5–6	Qbt 3	Aluminum	1570	mg/kg	None
West canyon	21-11252	MD21-01-0153	5.5–6	Qbt 3	Antimony	0.23	mg/kg	U
West canyon	21-11252	MD21-01-0153	5.5–6	Qbt 3	Arsenic	0.98	mg/kg	J
West canyon	21-11252	MD21-01-0153	5.5–6	Qbt 3	Barium	14.1	mg/kg	J
West canyon	21-11252	MD21-01-0153	5.5–6	Qbt 3	Beryllium	0.43	mg/kg	J
West canyon	21-11252	MD21-01-0153	5.5–6	Qbt 3	Cadmium	0.016	mg/kg	U
West canyon	21-11252	MD21-01-0153	5.5–6	Qbt 3	Calcium	375	mg/kg	J+
West canyon	21-11252	MD21-01-0153	5.5–6	Qbt 3	Chromium, total	2.4	mg/kg	J-
West canyon	21-11252	MD21-01-0153	5.5–6	Qbt 3	Cobalt	0.65	mg/kg	J
West canyon	21-11252	MD21-01-0153	5.5–6	Qbt 3	Copper	2.8	mg/kg	None
West canyon	21-11252	MD21-01-0153	5.5–6	Qbt 3	Iron	4870	mg/kg	None
West canyon	21-11252	MD21-01-0153	5.5–6	Qbt 3	Magnesium	170	mg/kg	J
West canyon	21-11252	MD21-01-0153	5.5–6	Qbt 3	Manganese	317	mg/kg	None
West canyon	21-11252	MD21-01-0153	5.5–6	Qbt 3	Mercury	0.017	mg/kg	U
West canyon	21-11252	MD21-01-0153	5.5–6	Qbt 3	Nickel	1.5	mg/kg	J
West canyon	21-11252	MD21-01-0153	5.5–6	Qbt 3	Potassium	137	mg/kg	J
West canyon	21-11252	MD21-01-0153	5.5–6	Qbt 3	Selenium	0.13	mg/kg	U
West canyon	21-11252	MD21-01-0153	5.5–6	Qbt 3	Silver	0.44	mg/kg	U
West canyon	21-11252	MD21-01-0153	5.5–6	Qbt 3	Sodium	82.2	mg/kg	J
West canyon	21-11252	MD21-01-0153	5.5–6	Qbt 3	Thallium	0.16	mg/kg	U
West canyon	21-11252	MD21-01-0153	5.5–6	Qbt 3	Vanadium	2.1	mg/kg	J
West canyon	21-11252	MD21-01-0153	5.5–6	Qbt 3	Zinc	31.2	mg/kg	None
West canyon	21-11252	MD21-01-0153	5.5–6	Qbt 3	Acenaphthylene	0.34	mg/kg	U
West canyon	21-11252	MD21-01-0153	5.5–6	Qbt 3	Aniline	0.34	mg/kg	U
West canyon	21-11252	MD21-01-0153	5.5–6	Qbt 3	Azobenzene	0.34	mg/kg	U
West canyon	21-11252	MD21-01-0153	5.5–6	Qbt 3	Benzo(g,h,i)perylene	0.34	mg/kg	U
West canyon	21-11252	MD21-01-0153	5.5–6	Qbt 3	Benzoic acid	1.7	mg/kg	U
West canyon	21-11252	MD21-01-0153	5.5–6	Qbt 3	Benzyl alcohol	0.34	mg/kg	U
West canyon	21-11252	MD21-01-0153	5.5–6	Qbt 3	Bis(2-chloroethoxy)methane	0.34	mg/kg	U
West canyon	21-11252	MD21-01-0153	5.5–6	Qbt 3	Bis(2-chloroethyl)ether	0.34	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11252	MD21-01-0153	5.5–6	Qbt 3	Bis(2-ethylhexyl)phthalate	0.34	mg/kg	U
West canyon	21-11252	MD21-01-0153	5.5–6	Qbt 3	Bromophenyl-phenylether[4-]	0.34	mg/kg	U
West canyon	21-11252	MD21-01-0153	5.5–6	Qbt 3	Butylbenzylphthalate	0.34	mg/kg	J
West canyon	21-11252	MD21-01-0153	5.5–6	Qbt 3	Chloro-3-methylphenol[4-]	0.34	mg/kg	U
West canyon	21-11252	MD21-01-0153	5.5–6	Qbt 3	Chloroaniline[4-]	0.34	mg/kg	U
West canyon	21-11252	MD21-01-0153	5.5–6	Qbt 3	Chloronaphthalene[2-]	0.34	mg/kg	U
West canyon	21-11252	MD21-01-0153	5.5–6	Qbt 3	Chlorophenol[2-]	0.34	mg/kg	U
West canyon	21-11252	MD21-01-0153	5.5–6	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.34	mg/kg	U
West canyon	21-11252	MD21-01-0153	5.5–6	Qbt 3	Di-n-butylphthalate	0.34	mg/kg	U
West canyon	21-11252	MD21-01-0153	5.5–6	Qbt 3	Di-n-octylphthalate	0.34	mg/kg	U
West canyon	21-11252	MD21-01-0153	5.5–6	Qbt 3	Dibenzofuran	0.34	mg/kg	U
West canyon	21-11252	MD21-01-0153	5.5–6	Qbt 3	Dichlorobenzene[1,2-]	0.34	mg/kg	U
West canyon	21-11252	MD21-01-0153	5.5–6	Qbt 3	Dichlorobenzene[1,3-]	0.34	mg/kg	U
West canyon	21-11252	MD21-01-0153	5.5–6	Qbt 3	Dichlorobenzene[1,4-]	0.34	mg/kg	U
West canyon	21-11252	MD21-01-0153	5.5–6	Qbt 3	Dichlorobenzidine[3,3'-]	1.7	mg/kg	U
West canyon	21-11252	MD21-01-0153	5.5–6	Qbt 3	Dichlorophenol[2,4-]	0.34	mg/kg	U
West canyon	21-11252	MD21-01-0153	5.5–6	Qbt 3	Diethylphthalate	0.34	mg/kg	U
West canyon	21-11252	MD21-01-0153	5.5–6	Qbt 3	Dimethyl phthalate	0.34	mg/kg	U
West canyon	21-11252	MD21-01-0153	5.5–6	Qbt 3	Dimethylphenol[2,4-]	0.34	mg/kg	U
West canyon	21-11252	MD21-01-0153	5.5–6	Qbt 3	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
West canyon	21-11252	MD21-01-0153	5.5–6	Qbt 3	Dinitrophenol[2,4-]	1.7	mg/kg	U
West canyon	21-11252	MD21-01-0153	5.5–6	Qbt 3	Dinitrotoluene[2,4-]	0.34	mg/kg	U
West canyon	21-11252	MD21-01-0153	5.5–6	Qbt 3	Dinitrotoluene[2,6-]	0.34	mg/kg	U
West canyon	21-11252	MD21-01-0153	5.5–6	Qbt 3	Hexachlorobenzene	0.34	mg/kg	U
West canyon	21-11252	MD21-01-0153	5.5–6	Qbt 3	Hexachlorobutadiene	0.34	mg/kg	U
West canyon	21-11252	MD21-01-0153	5.5–6	Qbt 3	Hexachlorocyclopentadiene	1.7	mg/kg	U
West canyon	21-11252	MD21-01-0153	5.5–6	Qbt 3	Hexachloroethane	0.34	mg/kg	U
West canyon	21-11252	MD21-01-0153	5.5–6	Qbt 3	Indeno(1,2,3-cd)pyrene	0.34	mg/kg	U
West canyon	21-11252	MD21-01-0153	5.5–6	Qbt 3	Isophorone	0.34	mg/kg	U
West canyon	21-11252	MD21-01-0153	5.5–6	Qbt 3	Methylphenol[2-]	0.34	mg/kg	U
West canyon	21-11252	MD21-01-0153	5.5–6	Qbt 3	Methylphenol[4-]	0.34	mg/kg	U
West canyon	21-11252	MD21-01-0153	5.5–6	Qbt 3	Nitroaniline[2-]	1.7	mg/kg	U
West canyon	21-11252	MD21-01-0153	5.5–6	Qbt 3	Nitroaniline[3-]	1.7	mg/kg	U
West canyon	21-11252	MD21-01-0153	5.5–6	Qbt 3	Nitroaniline[4-]	1.7	mg/kg	U
West canyon	21-11252	MD21-01-0153	5.5–6	Qbt 3	Nitrobenzene	0.34	mg/kg	U
West canyon	21-11252	MD21-01-0153	5.5–6	Qbt 3	Nitrophenol[2-]	0.34	mg/kg	U
West canyon	21-11252	MD21-01-0153	5.5–6	Qbt 3	Nitrophenol[4-]	1.7	mg/kg	U
West canyon	21-11252	MD21-01-0153	5.5–6	Qbt 3	Nitroso-di-n-propylamine[N-]	0.34	mg/kg	U
West canyon	21-11252	MD21-01-0153	5.5–6	Qbt 3	Nitrosodimethylamine[N-]	0.34	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11252	MD21-01-0153	5.5–6	Qbt 3	Nitrosodiphenylamine[N-]	0.34	mg/kg	U
West canyon	21-11252	MD21-01-0153	5.5–6	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.34	mg/kg	U
West canyon	21-11252	MD21-01-0153	5.5–6	Qbt 3	Pentachlorophenol	1.7	mg/kg	U
West canyon	21-11252	MD21-01-0153	5.5–6	Qbt 3	Phenol	0.34	mg/kg	U
West canyon	21-11252	MD21-01-0153	5.5–6	Qbt 3	Trichlorobenzene[1,2,4-]	0.34	mg/kg	U
West canyon	21-11252	MD21-01-0153	5.5–6	Qbt 3	Trichlorophenol[2,4,5-]	0.34	mg/kg	U
West canyon	21-11252	MD21-01-0153	5.5–6	Qbt 3	Trichlorophenol[2,4,6-]	0.34	mg/kg	U
West canyon	21-11252	MD21-01-0153	5.5–6	Qbt 3	Trimethylbenzene[1,2,4-]	0.0056	mg/kg	U
West canyon	21-11252	MD21-01-0153	5.5–6	Qbt 3	Trimethylbenzene[1,3,5-]	0.0056	mg/kg	U
West canyon	21-11262	MD21-01-0186	0–0.4	Qbt 3	Aluminum	2230	mg/kg	None
West canyon	21-11262	MD21-01-0186	0–0.4	Qbt 3	Antimony	0.98	mg/kg	UJ
West canyon	21-11262	MD21-01-0186	0–0.4	Qbt 3	Arsenic	0.014	mg/kg	U
West canyon	21-11262	MD21-01-0186	0–0.4	Qbt 3	Barium	13.4	mg/kg	J
West canyon	21-11262	MD21-01-0186	0–0.4	Qbt 3	Beryllium	0.45	mg/kg	J
West canyon	21-11262	MD21-01-0186	0–0.4	Qbt 3	Cadmium	0.078	mg/kg	U
West canyon	21-11262	MD21-01-0186	0–0.4	Qbt 3	Calcium	224	mg/kg	J
West canyon	21-11262	MD21-01-0186	0–0.4	Qbt 3	Chromium, total	1.5	mg/kg	U
West canyon	21-11262	MD21-01-0186	0–0.4	Qbt 3	Cobalt	0.33	mg/kg	J
West canyon	21-11262	MD21-01-0186	0–0.4	Qbt 3	Copper	2.8	mg/kg	J
West canyon	21-11262	MD21-01-0186	0–0.4	Qbt 3	Iron	4080	mg/kg	None
West canyon	21-11262	MD21-01-0186	0–0.4	Qbt 3	Magnesium	70.1	mg/kg	U
West canyon	21-11262	MD21-01-0186	0–0.4	Qbt 3	Manganese	87.5	mg/kg	None
West canyon	21-11262	MD21-01-0186	0–0.4	Qbt 3	Mercury	0.0021	mg/kg	U
West canyon	21-11262	MD21-01-0186	0–0.4	Qbt 3	Nickel	1.2	mg/kg	J
West canyon	21-11262	MD21-01-0186	0–0.4	Qbt 3	Potassium	534	mg/kg	J
West canyon	21-11262	MD21-01-0186	0–0.4	Qbt 3	Selenium	0.32	mg/kg	J
West canyon	21-11262	MD21-01-0186	0–0.4	Qbt 3	Silver	0.039	mg/kg	U
West canyon	21-11262	MD21-01-0186	0–0.4	Qbt 3	Sodium	91.9	mg/kg	U
West canyon	21-11262	MD21-01-0186	0–0.4	Qbt 3	Thallium	0.014	mg/kg	U
West canyon	21-11262	MD21-01-0186	0–0.4	Qbt 3	Vanadium	0.91	mg/kg	J
West canyon	21-11262	MD21-01-0186	0–0.4	Qbt 3	Zinc	33.5	mg/kg	None
West canyon	21-11262	MD21-01-0186	0–0.4	Qbt 3	Acenaphthylene	0.42	mg/kg	U
West canyon	21-11262	MD21-01-0186	0–0.4	Qbt 3	Aniline	0.42	mg/kg	U
West canyon	21-11262	MD21-01-0186	0–0.4	Qbt 3	Azobenzene	0.42	mg/kg	U
West canyon	21-11262	MD21-01-0186	0–0.4	Qbt 3	Benzo(g,h,i)perylene	0.42	mg/kg	U
West canyon	21-11262	MD21-01-0186	0–0.4	Qbt 3	Benzoic acid	2	mg/kg	U
West canyon	21-11262	MD21-01-0186	0–0.4	Qbt 3	Benzyl alcohol	0.42	mg/kg	U
West canyon	21-11262	MD21-01-0186	0–0.4	Qbt 3	Bis(2-chloroethoxy)methane	0.42	mg/kg	U
West canyon	21-11262	MD21-01-0186	0–0.4	Qbt 3	Bis(2-chloroethyl)ether	0.42	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11262	MD21-01-0186	0–0.4	Qbt 3	Bis(2-ethylhexyl)phthalate	0.42	mg/kg	U
West canyon	21-11262	MD21-01-0186	0–0.4	Qbt 3	Bromophenyl-phenylether[4-]	0.42	mg/kg	U
West canyon	21-11262	MD21-01-0186	0–0.4	Qbt 3	Butylbenzylphthalate	0.42	mg/kg	U
West canyon	21-11262	MD21-01-0186	0–0.4	Qbt 3	Chloro-3-methylphenol[4-]	0.42	mg/kg	U
West canyon	21-11262	MD21-01-0186	0–0.4	Qbt 3	Chloroaniline[4-]	0.42	mg/kg	U
West canyon	21-11262	MD21-01-0186	0–0.4	Qbt 3	Chloronaphthalene[2-]	0.42	mg/kg	U
West canyon	21-11262	MD21-01-0186	0–0.4	Qbt 3	Chlorophenol[2-]	0.42	mg/kg	U
West canyon	21-11262	MD21-01-0186	0–0.4	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.42	mg/kg	U
West canyon	21-11262	MD21-01-0186	0–0.4	Qbt 3	Di-n-butylphthalate	0.42	mg/kg	U
West canyon	21-11262	MD21-01-0186	0–0.4	Qbt 3	Di-n-octylphthalate	0.42	mg/kg	U
West canyon	21-11262	MD21-01-0186	0–0.4	Qbt 3	Dibenzofuran	0.42	mg/kg	U
West canyon	21-11262	MD21-01-0186	0–0.4	Qbt 3	Dichlorobenzene[1,2-]	0.42	mg/kg	U
West canyon	21-11262	MD21-01-0186	0–0.4	Qbt 3	Dichlorobenzene[1,3-]	0.42	mg/kg	U
West canyon	21-11262	MD21-01-0186	0–0.4	Qbt 3	Dichlorobenzene[1,4-]	0.42	mg/kg	U
West canyon	21-11262	MD21-01-0186	0–0.4	Qbt 3	Dichlorobenzidine[3,3'-]	2	mg/kg	U
West canyon	21-11262	MD21-01-0186	0–0.4	Qbt 3	Dichlorophenol[2,4-]	0.42	mg/kg	U
West canyon	21-11262	MD21-01-0186	0–0.4	Qbt 3	Diethylphthalate	0.42	mg/kg	U
West canyon	21-11262	MD21-01-0186	0–0.4	Qbt 3	Dimethyl phthalate	0.42	mg/kg	U
West canyon	21-11262	MD21-01-0186	0–0.4	Qbt 3	Dimethylphenol[2,4-]	0.42	mg/kg	U
West canyon	21-11262	MD21-01-0186	0–0.4	Qbt 3	Dinitro-2-methylphenol[4,6-]	2	mg/kg	U
West canyon	21-11262	MD21-01-0186	0–0.4	Qbt 3	Dinitrophenol[2,4-]	2	mg/kg	U
West canyon	21-11262	MD21-01-0186	0–0.4	Qbt 3	Dinitrotoluene[2,4-]	0.42	mg/kg	U
West canyon	21-11262	MD21-01-0186	0–0.4	Qbt 3	Dinitrotoluene[2,6-]	0.42	mg/kg	U
West canyon	21-11262	MD21-01-0186	0–0.4	Qbt 3	Hexachlorobenzene	0.42	mg/kg	U
West canyon	21-11262	MD21-01-0186	0–0.4	Qbt 3	Hexachlorobutadiene	0.42	mg/kg	U
West canyon	21-11262	MD21-01-0186	0–0.4	Qbt 3	Hexachlorocyclopentadiene	2	mg/kg	U
West canyon	21-11262	MD21-01-0186	0–0.4	Qbt 3	Hexachloroethane	0.42	mg/kg	U
West canyon	21-11262	MD21-01-0186	0–0.4	Qbt 3	Indeno(1,2,3-cd)pyrene	0.42	mg/kg	U
West canyon	21-11262	MD21-01-0186	0–0.4	Qbt 3	Isophorone	0.42	mg/kg	U
West canyon	21-11262	MD21-01-0186	0–0.4	Qbt 3	Methylphenol[2-]	0.42	mg/kg	U
West canyon	21-11262	MD21-01-0186	0–0.4	Qbt 3	Methylphenol[4-]	0.42	mg/kg	U
West canyon	21-11262	MD21-01-0186	0–0.4	Qbt 3	Nitroaniline[2-]	2	mg/kg	U
West canyon	21-11262	MD21-01-0186	0–0.4	Qbt 3	Nitroaniline[3-]	2	mg/kg	U
West canyon	21-11262	MD21-01-0186	0–0.4	Qbt 3	Nitroaniline[4-]	2	mg/kg	U
West canyon	21-11262	MD21-01-0186	0–0.4	Qbt 3	Nitrobenzene	0.42	mg/kg	U
West canyon	21-11262	MD21-01-0186	0–0.4	Qbt 3	Nitrophenol[2-]	0.42	mg/kg	U
West canyon	21-11262	MD21-01-0186	0–0.4	Qbt 3	Nitrophenol[4-]	2	mg/kg	U
West canyon	21-11262	MD21-01-0186	0–0.4	Qbt 3	Nitroso-di-n-propylamine[N-]	0.42	mg/kg	U
West canyon	21-11262	MD21-01-0186	0–0.4	Qbt 3	Nitrosodimethylamine[N-]	0.42	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11262	MD21-01-0186	0–0.4	Qbt 3	Nitrosodiphenylamine[N-]	0.42	mg/kg	U
West canyon	21-11262	MD21-01-0186	0–0.4	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.42	mg/kg	U
West canyon	21-11262	MD21-01-0186	0–0.4	Qbt 3	Pentachlorophenol	2	mg/kg	U
West canyon	21-11262	MD21-01-0186	0–0.4	Qbt 3	Phenol	0.42	mg/kg	U
West canyon	21-11262	MD21-01-0186	0–0.4	Qbt 3	Trichlorobenzene[1,2,4-]	0.42	mg/kg	U
West canyon	21-11262	MD21-01-0186	0–0.4	Qbt 3	Trichlorophenol[2,4,5-]	0.42	mg/kg	U
West canyon	21-11262	MD21-01-0186	0–0.4	Qbt 3	Trichlorophenol[2,4,6-]	0.42	mg/kg	U
West canyon	21-11262	MD21-01-0186	0–0.4	Qbt 3	Chlorobenzene	0.0061	mg/kg	U
West canyon	21-11262	MD21-01-0186	0–0.4	Qbt 3	Dichlorobenzene[1,4-]	0.0061	mg/kg	U
West canyon	21-11262	MD21-01-0186	0–0.4	Qbt 3	Dichloroethene[1,1-]	0.0061	mg/kg	U
West canyon	21-11262	MD21-01-0186	0–0.4	Qbt 3	Trichloroethene	0.0061	mg/kg	U
West canyon	21-11262	MD21-01-0186	0–0.4	Qbt 3	Trimethylbenzene[1,2,4-]	0.0061	mg/kg	UJ
West canyon	21-11262	MD21-01-0186	0–0.4	Qbt 3	Trimethylbenzene[1,3,5-]	0.0061	mg/kg	UJ
West canyon	21-11262	MD21-01-0187	0.5–1.2	Qbt 3	Aluminum	2350	mg/kg	None
West canyon	21-11262	MD21-01-0187	0.5–1.2	Qbt 3	Antimony	0.96	mg/kg	UJ
West canyon	21-11262	MD21-01-0187	0.5–1.2	Qbt 3	Arsenic	0.37	mg/kg	J
West canyon	21-11262	MD21-01-0187	0.5–1.2	Qbt 3	Barium	10.7	mg/kg	J
West canyon	21-11262	MD21-01-0187	0.5–1.2	Qbt 3	Beryllium	0.53	mg/kg	J
West canyon	21-11262	MD21-01-0187	0.5–1.2	Qbt 3	Cadmium	0.076	mg/kg	U
West canyon	21-11262	MD21-01-0187	0.5–1.2	Qbt 3	Calcium	224	mg/kg	J
West canyon	21-11262	MD21-01-0187	0.5–1.2	Qbt 3	Chromium, total	2.6	mg/kg	None
West canyon	21-11262	MD21-01-0187	0.5–1.2	Qbt 3	Cobalt	0.18	mg/kg	J
West canyon	21-11262	MD21-01-0187	0.5–1.2	Qbt 3	Copper	2.3	mg/kg	J
West canyon	21-11262	MD21-01-0187	0.5–1.2	Qbt 3	Iron	4640	mg/kg	None
West canyon	21-11262	MD21-01-0187	0.5–1.2	Qbt 3	Magnesium	77.7	mg/kg	U
West canyon	21-11262	MD21-01-0187	0.5–1.2	Qbt 3	Manganese	98	mg/kg	None
West canyon	21-11262	MD21-01-0187	0.5–1.2	Qbt 3	Mercury	0.002	mg/kg	U
West canyon	21-11262	MD21-01-0187	0.5–1.2	Qbt 3	Nickel	1.5	mg/kg	J
West canyon	21-11262	MD21-01-0187	0.5–1.2	Qbt 3	Potassium	387	mg/kg	J
West canyon	21-11262	MD21-01-0187	0.5–1.2	Qbt 3	Selenium	0.24	mg/kg	U
West canyon	21-11262	MD21-01-0187	0.5–1.2	Qbt 3	Silver	0.038	mg/kg	U
West canyon	21-11262	MD21-01-0187	0.5–1.2	Qbt 3	Sodium	96.3	mg/kg	U
West canyon	21-11262	MD21-01-0187	0.5–1.2	Qbt 3	Thallium	0.013	mg/kg	U
West canyon	21-11262	MD21-01-0187	0.5–1.2	Qbt 3	Vanadium	0.35	mg/kg	J
West canyon	21-11262	MD21-01-0187	0.5–1.2	Qbt 3	Zinc	34.9	mg/kg	None
West canyon	21-11262	MD21-01-0187	0.5–1.2	Qbt 3	Acenaphthylene	8.1	mg/kg	U
West canyon	21-11262	MD21-01-0187	0.5–1.2	Qbt 3	Aniline	8.1	mg/kg	U
West canyon	21-11262	MD21-01-0187	0.5–1.2	Qbt 3	Azobenzene	8.1	mg/kg	U
West canyon	21-11262	MD21-01-0187	0.5–1.2	Qbt 3	Benzo(g,h,i)perylene	8.1	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11262	MD21-01-0187	0.5–1.2	Qbt 3	Benzoic acid	39	mg/kg	U
West canyon	21-11262	MD21-01-0187	0.5–1.2	Qbt 3	Benzyl alcohol	8.1	mg/kg	U
West canyon	21-11262	MD21-01-0187	0.5–1.2	Qbt 3	Bis(2-chloroethoxy)methane	8.1	mg/kg	U
West canyon	21-11262	MD21-01-0187	0.5–1.2	Qbt 3	Bis(2-chloroethyl)ether	8.1	mg/kg	U
West canyon	21-11262	MD21-01-0187	0.5–1.2	Qbt 3	Bis(2-ethylhexyl)phthalate	8.1	mg/kg	U
West canyon	21-11262	MD21-01-0187	0.5–1.2	Qbt 3	Bromophenyl-phenylether[4-]	8.1	mg/kg	U
West canyon	21-11262	MD21-01-0187	0.5–1.2	Qbt 3	Butylbenzylphthalate	8.1	mg/kg	U
West canyon	21-11262	MD21-01-0187	0.5–1.2	Qbt 3	Chloro-3-methylphenol[4-]	8.1	mg/kg	U
West canyon	21-11262	MD21-01-0187	0.5–1.2	Qbt 3	Chloroaniline[4-]	8.1	mg/kg	U
West canyon	21-11262	MD21-01-0187	0.5–1.2	Qbt 3	Chloronaphthalene[2-]	8.1	mg/kg	U
West canyon	21-11262	MD21-01-0187	0.5–1.2	Qbt 3	Chlorophenol[2-]	8.1	mg/kg	U
West canyon	21-11262	MD21-01-0187	0.5–1.2	Qbt 3	Chlorophenyl-phenyl[4-] ether	8.1	mg/kg	U
West canyon	21-11262	MD21-01-0187	0.5–1.2	Qbt 3	Di-n-butylphthalate	8.1	mg/kg	U
West canyon	21-11262	MD21-01-0187	0.5–1.2	Qbt 3	Di-n-octylphthalate	8.1	mg/kg	U
West canyon	21-11262	MD21-01-0187	0.5–1.2	Qbt 3	Dibenzofuran	8.1	mg/kg	U
West canyon	21-11262	MD21-01-0187	0.5–1.2	Qbt 3	Dichlorobenzene[1,2-]	8.1	mg/kg	U
West canyon	21-11262	MD21-01-0187	0.5–1.2	Qbt 3	Dichlorobenzene[1,3-]	8.1	mg/kg	U
West canyon	21-11262	MD21-01-0187	0.5–1.2	Qbt 3	Dichlorobenzene[1,4-]	8.1	mg/kg	U
West canyon	21-11262	MD21-01-0187	0.5–1.2	Qbt 3	Dichlorobenzidine[3,3'-]	39	mg/kg	U
West canyon	21-11262	MD21-01-0187	0.5–1.2	Qbt 3	Dichlorophenol[2,4-]	8.1	mg/kg	U
West canyon	21-11262	MD21-01-0187	0.5–1.2	Qbt 3	Diethylphthalate	8.1	mg/kg	U
West canyon	21-11262	MD21-01-0187	0.5–1.2	Qbt 3	Dimethyl phthalate	8.1	mg/kg	U
West canyon	21-11262	MD21-01-0187	0.5–1.2	Qbt 3	Dimethylphenol[2,4-]	8.1	mg/kg	U
West canyon	21-11262	MD21-01-0187	0.5–1.2	Qbt 3	Dinitro-2-methylphenol[4,6-]	39	mg/kg	U
West canyon	21-11262	MD21-01-0187	0.5–1.2	Qbt 3	Dinitrophenol[2,4-]	39	mg/kg	U
West canyon	21-11262	MD21-01-0187	0.5–1.2	Qbt 3	Dinitrotoluene[2,4-]	8.1	mg/kg	U
West canyon	21-11262	MD21-01-0187	0.5–1.2	Qbt 3	Dinitrotoluene[2,6-]	8.1	mg/kg	U
West canyon	21-11262	MD21-01-0187	0.5–1.2	Qbt 3	Hexachlorobenzene	8.1	mg/kg	U
West canyon	21-11262	MD21-01-0187	0.5–1.2	Qbt 3	Hexachlorobutadiene	8.1	mg/kg	U
West canyon	21-11262	MD21-01-0187	0.5–1.2	Qbt 3	Hexachlorocyclopentadiene	39	mg/kg	U
West canyon	21-11262	MD21-01-0187	0.5–1.2	Qbt 3	Hexachloroethane	8.1	mg/kg	U
West canyon	21-11262	MD21-01-0187	0.5–1.2	Qbt 3	Indeno(1,2,3-cd)pyrene	8.1	mg/kg	U
West canyon	21-11262	MD21-01-0187	0.5–1.2	Qbt 3	Isophorone	8.1	mg/kg	U
West canyon	21-11262	MD21-01-0187	0.5–1.2	Qbt 3	Methylphenol[2-]	8.1	mg/kg	U
West canyon	21-11262	MD21-01-0187	0.5–1.2	Qbt 3	Methylphenol[4-]	8.1	mg/kg	U
West canyon	21-11262	MD21-01-0187	0.5–1.2	Qbt 3	Nitroaniline[2-]	39	mg/kg	U
West canyon	21-11262	MD21-01-0187	0.5–1.2	Qbt 3	Nitroaniline[3-]	39	mg/kg	U
West canyon	21-11262	MD21-01-0187	0.5–1.2	Qbt 3	Nitroaniline[4-]	39	mg/kg	U
West canyon	21-11262	MD21-01-0187	0.5–1.2	Qbt 3	Nitrobenzene	8.1	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11262	MD21-01-0187	0.5–1.2	Qbt 3	Nitrophenol[2-]	8.1	mg/kg	U
West canyon	21-11262	MD21-01-0187	0.5–1.2	Qbt 3	Nitrophenol[4-]	39	mg/kg	U
West canyon	21-11262	MD21-01-0187	0.5–1.2	Qbt 3	Nitroso-di-n-propylamine[N-]	8.1	mg/kg	U
West canyon	21-11262	MD21-01-0187	0.5–1.2	Qbt 3	Nitrosodimethylamine[N-]	8.1	mg/kg	U
West canyon	21-11262	MD21-01-0187	0.5–1.2	Qbt 3	Nitrosodiphenylamine[N-]	8.1	mg/kg	U
West canyon	21-11262	MD21-01-0187	0.5–1.2	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	8.1	mg/kg	U
West canyon	21-11262	MD21-01-0187	0.5–1.2	Qbt 3	Pentachlorophenol	39	mg/kg	U
West canyon	21-11262	MD21-01-0187	0.5–1.2	Qbt 3	Phenol	8.1	mg/kg	U
West canyon	21-11262	MD21-01-0187	0.5–1.2	Qbt 3	Trichlorobenzene[1,2,4-]	8.1	mg/kg	U
West canyon	21-11262	MD21-01-0187	0.5–1.2	Qbt 3	Trichlorophenol[2,4,5-]	8.1	mg/kg	U
West canyon	21-11262	MD21-01-0187	0.5–1.2	Qbt 3	Trichlorophenol[2,4,6-]	8.1	mg/kg	U
West canyon	21-11262	MD21-01-0187	0.5–1.2	Qbt 3	Trimethylbenzene[1,2,4-]	0.0062	mg/kg	U
West canyon	21-11262	MD21-01-0187	0.5–1.2	Qbt 3	Trimethylbenzene[1,3,5-]	0.0062	mg/kg	U
West canyon	21-11262	MD21-01-0188	0.5–1.2	Qbt 3	Aluminum	2240	mg/kg	None
West canyon	21-11262	MD21-01-0188	0.5–1.2	Qbt 3	Antimony	0.96	mg/kg	UJ
West canyon	21-11262	MD21-01-0188	0.5–1.2	Qbt 3	Arsenic	0.13	mg/kg	U
West canyon	21-11262	MD21-01-0188	0.5–1.2	Qbt 3	Barium	9.6	mg/kg	J
West canyon	21-11262	MD21-01-0188	0.5–1.2	Qbt 3	Beryllium	0.51	mg/kg	J
West canyon	21-11262	MD21-01-0188	0.5–1.2	Qbt 3	Cadmium	0.076	mg/kg	U
West canyon	21-11262	MD21-01-0188	0.5–1.2	Qbt 3	Calcium	216	mg/kg	J
West canyon	21-11262	MD21-01-0188	0.5–1.2	Qbt 3	Chromium, total	1.9	mg/kg	U
West canyon	21-11262	MD21-01-0188	0.5–1.2	Qbt 3	Cobalt	0.17	mg/kg	J
West canyon	21-11262	MD21-01-0188	0.5–1.2	Qbt 3	Copper	2.2	mg/kg	J
West canyon	21-11262	MD21-01-0188	0.5–1.2	Qbt 3	Iron	4960	mg/kg	None
West canyon	21-11262	MD21-01-0188	0.5–1.2	Qbt 3	Magnesium	64.6	mg/kg	U
West canyon	21-11262	MD21-01-0188	0.5–1.2	Qbt 3	Manganese	108	mg/kg	None
West canyon	21-11262	MD21-01-0188	0.5–1.2	Qbt 3	Mercury	0.002	mg/kg	U
West canyon	21-11262	MD21-01-0188	0.5–1.2	Qbt 3	Nickel	1.1	mg/kg	J
West canyon	21-11262	MD21-01-0188	0.5–1.2	Qbt 3	Potassium	390	mg/kg	J
West canyon	21-11262	MD21-01-0188	0.5–1.2	Qbt 3	Selenium	0.24	mg/kg	U
West canyon	21-11262	MD21-01-0188	0.5–1.2	Qbt 3	Silver	0.038	mg/kg	U
West canyon	21-11262	MD21-01-0188	0.5–1.2	Qbt 3	Sodium	103	mg/kg	U
West canyon	21-11262	MD21-01-0188	0.5–1.2	Qbt 3	Thallium	0.013	mg/kg	U
West canyon	21-11262	MD21-01-0188	0.5–1.2	Qbt 3	Vanadium	0.16	mg/kg	J
West canyon	21-11262	MD21-01-0188	0.5–1.2	Qbt 3	Zinc	35	mg/kg	None
West canyon	21-11262	MD21-01-0188	0.5–1.2	Qbt 3	Acenaphthylene	8	mg/kg	U
West canyon	21-11262	MD21-01-0188	0.5–1.2	Qbt 3	Aniline	8	mg/kg	U
West canyon	21-11262	MD21-01-0188	0.5–1.2	Qbt 3	Azobenzene	8	mg/kg	U
West canyon	21-11262	MD21-01-0188	0.5–1.2	Qbt 3	Benzo(g,h,i)perylene	8	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11262	MD21-01-0188	0.5–1.2	Qbt 3	Benzoic acid	39	mg/kg	U
West canyon	21-11262	MD21-01-0188	0.5–1.2	Qbt 3	Benzyl alcohol	8	mg/kg	U
West canyon	21-11262	MD21-01-0188	0.5–1.2	Qbt 3	Bis(2-chloroethoxy)methane	8	mg/kg	U
West canyon	21-11262	MD21-01-0188	0.5–1.2	Qbt 3	Bis(2-chloroethyl)ether	8	mg/kg	U
West canyon	21-11262	MD21-01-0188	0.5–1.2	Qbt 3	Bis(2-ethylhexyl)phthalate	8	mg/kg	U
West canyon	21-11262	MD21-01-0188	0.5–1.2	Qbt 3	Bromophenyl-phenylether[4-]	8	mg/kg	U
West canyon	21-11262	MD21-01-0188	0.5–1.2	Qbt 3	Butylbenzylphthalate	8	mg/kg	U
West canyon	21-11262	MD21-01-0188	0.5–1.2	Qbt 3	Chloro-3-methylphenol[4-]	8	mg/kg	U
West canyon	21-11262	MD21-01-0188	0.5–1.2	Qbt 3	Chloroaniline[4-]	8	mg/kg	U
West canyon	21-11262	MD21-01-0188	0.5–1.2	Qbt 3	Chloronaphthalene[2-]	8	mg/kg	U
West canyon	21-11262	MD21-01-0188	0.5–1.2	Qbt 3	Chlorophenol[2-]	8	mg/kg	U
West canyon	21-11262	MD21-01-0188	0.5–1.2	Qbt 3	Chlorophenyl-phenyl[4-] ether	8	mg/kg	U
West canyon	21-11262	MD21-01-0188	0.5–1.2	Qbt 3	Di-n-butylphthalate	8	mg/kg	U
West canyon	21-11262	MD21-01-0188	0.5–1.2	Qbt 3	Di-n-octylphthalate	8	mg/kg	U
West canyon	21-11262	MD21-01-0188	0.5–1.2	Qbt 3	Dibenzofuran	8	mg/kg	U
West canyon	21-11262	MD21-01-0188	0.5–1.2	Qbt 3	Dichlorobenzene[1,2-]	8	mg/kg	U
West canyon	21-11262	MD21-01-0188	0.5–1.2	Qbt 3	Dichlorobenzene[1,3-]	8	mg/kg	U
West canyon	21-11262	MD21-01-0188	0.5–1.2	Qbt 3	Dichlorobenzene[1,4-]	8	mg/kg	U
West canyon	21-11262	MD21-01-0188	0.5–1.2	Qbt 3	Dichlorobenzidine[3,3'-]	39	mg/kg	U
West canyon	21-11262	MD21-01-0188	0.5–1.2	Qbt 3	Dichlorophenol[2,4-]	8	mg/kg	U
West canyon	21-11262	MD21-01-0188	0.5–1.2	Qbt 3	Diethylphthalate	8	mg/kg	U
West canyon	21-11262	MD21-01-0188	0.5–1.2	Qbt 3	Dimethyl phthalate	8	mg/kg	U
West canyon	21-11262	MD21-01-0188	0.5–1.2	Qbt 3	Dimethylphenol[2,4-]	8	mg/kg	U
West canyon	21-11262	MD21-01-0188	0.5–1.2	Qbt 3	Dinitro-2-methylphenol[4,6-]	39	mg/kg	U
West canyon	21-11262	MD21-01-0188	0.5–1.2	Qbt 3	Dinitrophenol[2,4-]	39	mg/kg	U
West canyon	21-11262	MD21-01-0188	0.5–1.2	Qbt 3	Dinitrotoluene[2,4-]	8	mg/kg	U
West canyon	21-11262	MD21-01-0188	0.5–1.2	Qbt 3	Dinitrotoluene[2,6-]	8	mg/kg	U
West canyon	21-11262	MD21-01-0188	0.5–1.2	Qbt 3	Hexachlorobenzene	8	mg/kg	U
West canyon	21-11262	MD21-01-0188	0.5–1.2	Qbt 3	Hexachlorobutadiene	8	mg/kg	U
West canyon	21-11262	MD21-01-0188	0.5–1.2	Qbt 3	Hexachlorocyclopentadiene	39	mg/kg	U
West canyon	21-11262	MD21-01-0188	0.5–1.2	Qbt 3	Hexachloroethane	8	mg/kg	U
West canyon	21-11262	MD21-01-0188	0.5–1.2	Qbt 3	Indeno(1,2,3-cd)pyrene	8	mg/kg	U
West canyon	21-11262	MD21-01-0188	0.5–1.2	Qbt 3	Isophorone	8	mg/kg	U
West canyon	21-11262	MD21-01-0188	0.5–1.2	Qbt 3	Methylphenol[2-]	8	mg/kg	U
West canyon	21-11262	MD21-01-0188	0.5–1.2	Qbt 3	Methylphenol[4-]	8	mg/kg	U
West canyon	21-11262	MD21-01-0188	0.5–1.2	Qbt 3	Nitroaniline[2-]	39	mg/kg	U
West canyon	21-11262	MD21-01-0188	0.5–1.2	Qbt 3	Nitroaniline[3-]	39	mg/kg	U
West canyon	21-11262	MD21-01-0188	0.5–1.2	Qbt 3	Nitroaniline[4-]	39	mg/kg	U
West canyon	21-11262	MD21-01-0188	0.5–1.2	Qbt 3	Nitrobenzene	8	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11262	MD21-01-0188	0.5–1.2	Qbt 3	Nitrophenol[2-]	8	mg/kg	U
West canyon	21-11262	MD21-01-0188	0.5–1.2	Qbt 3	Nitrophenol[4-]	39	mg/kg	U
West canyon	21-11262	MD21-01-0188	0.5–1.2	Qbt 3	Nitroso-di-n-propylamine[N-]	8	mg/kg	U
West canyon	21-11262	MD21-01-0188	0.5–1.2	Qbt 3	Nitrosodimethylamine[N-]	8	mg/kg	U
West canyon	21-11262	MD21-01-0188	0.5–1.2	Qbt 3	Nitrosodiphenylamine[N-]	8	mg/kg	U
West canyon	21-11262	MD21-01-0188	0.5–1.2	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	8	mg/kg	U
West canyon	21-11262	MD21-01-0188	0.5–1.2	Qbt 3	Pentachlorophenol	39	mg/kg	U
West canyon	21-11262	MD21-01-0188	0.5–1.2	Qbt 3	Phenol	8	mg/kg	U
West canyon	21-11262	MD21-01-0188	0.5–1.2	Qbt 3	Trichlorobenzene[1,2,4-]	8	mg/kg	U
West canyon	21-11262	MD21-01-0188	0.5–1.2	Qbt 3	Trichlorophenol[2,4,5-]	8	mg/kg	U
West canyon	21-11262	MD21-01-0188	0.5–1.2	Qbt 3	Trichlorophenol[2,4,6-]	8	mg/kg	U
West canyon	21-11262	MD21-01-0188	0.5–1.2	Qbt 3	Trimethylbenzene[1,2,4-]	0.0062	mg/kg	U
West canyon	21-11262	MD21-01-0188	0.5–1.2	Qbt 3	Trimethylbenzene[1,3,5-]	0.0062	mg/kg	U
West canyon	21-11262	MD21-01-0189	6.7–7.35	Qbt 3	Aluminum	1430	mg/kg	None
West canyon	21-11262	MD21-01-0189	6.7–7.35	Qbt 3	Antimony	0.85	mg/kg	U
West canyon	21-11262	MD21-01-0189	6.7–7.35	Qbt 3	Arsenic	0.12	mg/kg	U
West canyon	21-11262	MD21-01-0189	6.7–7.35	Qbt 3	Barium	8	mg/kg	J
West canyon	21-11262	MD21-01-0189	6.7–7.35	Qbt 3	Beryllium	0.45	mg/kg	J
West canyon	21-11262	MD21-01-0189	6.7–7.35	Qbt 3	Cadmium	0.068	mg/kg	U
West canyon	21-11262	MD21-01-0189	6.7–7.35	Qbt 3	Calcium	135	mg/kg	J
West canyon	21-11262	MD21-01-0189	6.7–7.35	Qbt 3	Chromium, total	6.3	mg/kg	None
West canyon	21-11262	MD21-01-0189	6.7–7.35	Qbt 3	Cobalt	0.27	mg/kg	J
West canyon	21-11262	MD21-01-0189	6.7–7.35	Qbt 3	Copper	5.2	mg/kg	None
West canyon	21-11262	MD21-01-0189	6.7–7.35	Qbt 3	Iron	4860	mg/kg	None
West canyon	21-11262	MD21-01-0189	6.7–7.35	Qbt 3	Magnesium	336	mg/kg	None
West canyon	21-11262	MD21-01-0189	6.7–7.35	Qbt 3	Mercury	0.0018	mg/kg	U
West canyon	21-11262	MD21-01-0189	6.7–7.35	Qbt 3	Nickel	2.8	mg/kg	J
West canyon	21-11262	MD21-01-0189	6.7–7.35	Qbt 3	Potassium	253	mg/kg	U
West canyon	21-11262	MD21-01-0189	6.7–7.35	Qbt 3	Selenium	0.24	mg/kg	J
West canyon	21-11262	MD21-01-0189	6.7–7.35	Qbt 3	Silver	0.034	mg/kg	U
West canyon	21-11262	MD21-01-0189	6.7–7.35	Qbt 3	Sodium	115	mg/kg	U
West canyon	21-11262	MD21-01-0189	6.7–7.35	Qbt 3	Thallium	0.012	mg/kg	U
West canyon	21-11262	MD21-01-0189	6.7–7.35	Qbt 3	Vanadium	0.029	mg/kg	U
West canyon	21-11262	MD21-01-0189	6.7–7.35	Qbt 3	Zinc	32.8	mg/kg	None
West canyon	21-11262	MD21-01-0189	6.7–7.35	Qbt 3	Acenaphthylene	0.36	mg/kg	U
West canyon	21-11262	MD21-01-0189	6.7–7.35	Qbt 3	Aniline	0.36	mg/kg	U
West canyon	21-11262	MD21-01-0189	6.7–7.35	Qbt 3	Azobenzene	0.36	mg/kg	U
West canyon	21-11262	MD21-01-0189	6.7–7.35	Qbt 3	Benzo(g,h,i)perylene	0.36	mg/kg	U
West canyon	21-11262	MD21-01-0189	6.7–7.35	Qbt 3	Benzoic acid	1.7	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11262	MD21-01-0189	6.7–7.35	Qbt 3	Benzyl alcohol	0.36	mg/kg	U
West canyon	21-11262	MD21-01-0189	6.7–7.35	Qbt 3	Bis(2-chloroethoxy)methane	0.36	mg/kg	U
West canyon	21-11262	MD21-01-0189	6.7–7.35	Qbt 3	Bis(2-chloroethyl)ether	0.36	mg/kg	U
West canyon	21-11262	MD21-01-0189	6.7–7.35	Qbt 3	Bis(2-ethylhexyl)phthalate	0.36	mg/kg	U
West canyon	21-11262	MD21-01-0189	6.7–7.35	Qbt 3	Bromophenyl-phenylether[4-]	0.36	mg/kg	U
West canyon	21-11262	MD21-01-0189	6.7–7.35	Qbt 3	Butylbenzylphthalate	0.36	mg/kg	U
West canyon	21-11262	MD21-01-0189	6.7–7.35	Qbt 3	Chloro-3-methylphenol[4-]	0.36	mg/kg	U
West canyon	21-11262	MD21-01-0189	6.7–7.35	Qbt 3	Chloroaniline[4-]	0.36	mg/kg	U
West canyon	21-11262	MD21-01-0189	6.7–7.35	Qbt 3	Chloronaphthalene[2-]	0.36	mg/kg	U
West canyon	21-11262	MD21-01-0189	6.7–7.35	Qbt 3	Chlorophenol[2-]	0.36	mg/kg	U
West canyon	21-11262	MD21-01-0189	6.7–7.35	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.36	mg/kg	U
West canyon	21-11262	MD21-01-0189	6.7–7.35	Qbt 3	Di-n-butylphthalate	0.36	mg/kg	U
West canyon	21-11262	MD21-01-0189	6.7–7.35	Qbt 3	Di-n-octylphthalate	0.36	mg/kg	U
West canyon	21-11262	MD21-01-0189	6.7–7.35	Qbt 3	Dibenzofuran	0.36	mg/kg	U
West canyon	21-11262	MD21-01-0189	6.7–7.35	Qbt 3	Dichlorobenzene[1,2-]	0.36	mg/kg	U
West canyon	21-11262	MD21-01-0189	6.7–7.35	Qbt 3	Dichlorobenzene[1,3-]	0.36	mg/kg	U
West canyon	21-11262	MD21-01-0189	6.7–7.35	Qbt 3	Dichlorobenzene[1,4-]	0.36	mg/kg	U
West canyon	21-11262	MD21-01-0189	6.7–7.35	Qbt 3	Dichlorobenzidine[3,3'-]	1.7	mg/kg	U
West canyon	21-11262	MD21-01-0189	6.7–7.35	Qbt 3	Dichlorophenol[2,4-]	0.36	mg/kg	U
West canyon	21-11262	MD21-01-0189	6.7–7.35	Qbt 3	Diethylphthalate	0.36	mg/kg	U
West canyon	21-11262	MD21-01-0189	6.7–7.35	Qbt 3	Dimethyl phthalate	0.36	mg/kg	U
West canyon	21-11262	MD21-01-0189	6.7–7.35	Qbt 3	Dimethylphenol[2,4-]	0.36	mg/kg	U
West canyon	21-11262	MD21-01-0189	6.7–7.35	Qbt 3	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
West canyon	21-11262	MD21-01-0189	6.7–7.35	Qbt 3	Dinitrophenol[2,4-]	1.7	mg/kg	U
West canyon	21-11262	MD21-01-0189	6.7–7.35	Qbt 3	Dinitrotoluene[2,4-]	0.36	mg/kg	U
West canyon	21-11262	MD21-01-0189	6.7–7.35	Qbt 3	Dinitrotoluene[2,6-]	0.36	mg/kg	U
West canyon	21-11262	MD21-01-0189	6.7–7.35	Qbt 3	Hexachlorobenzene	0.36	mg/kg	U
West canyon	21-11262	MD21-01-0189	6.7–7.35	Qbt 3	Hexachlorobutadiene	0.36	mg/kg	U
West canyon	21-11262	MD21-01-0189	6.7–7.35	Qbt 3	Hexachlorocyclopentadiene	1.7	mg/kg	U
West canyon	21-11262	MD21-01-0189	6.7–7.35	Qbt 3	Hexachloroethane	0.36	mg/kg	U
West canyon	21-11262	MD21-01-0189	6.7–7.35	Qbt 3	Indeno(1,2,3-cd)pyrene	0.36	mg/kg	U
West canyon	21-11262	MD21-01-0189	6.7–7.35	Qbt 3	Isophorone	0.36	mg/kg	U
West canyon	21-11262	MD21-01-0189	6.7–7.35	Qbt 3	Methylphenol[2-]	0.36	mg/kg	U
West canyon	21-11262	MD21-01-0189	6.7–7.35	Qbt 3	Methylphenol[4-]	0.36	mg/kg	U
West canyon	21-11262	MD21-01-0189	6.7–7.35	Qbt 3	Nitroaniline[2-]	1.7	mg/kg	U
West canyon	21-11262	MD21-01-0189	6.7–7.35	Qbt 3	Nitroaniline[3-]	1.7	mg/kg	U
West canyon	21-11262	MD21-01-0189	6.7–7.35	Qbt 3	Nitroaniline[4-]	1.7	mg/kg	U
West canyon	21-11262	MD21-01-0189	6.7–7.35	Qbt 3	Nitrobenzene	0.36	mg/kg	U
West canyon	21-11262	MD21-01-0189	6.7–7.35	Qbt 3	Nitrophenol[2-]	0.36	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11262	MD21-01-0189	6.7–7.35	Qbt 3	Nitrophenol[4-]	1.7	mg/kg	U
West canyon	21-11262	MD21-01-0189	6.7–7.35	Qbt 3	Nitroso-di-n-propylamine[N-]	0.36	mg/kg	U
West canyon	21-11262	MD21-01-0189	6.7–7.35	Qbt 3	Nitrosodimethylamine[N-]	0.36	mg/kg	U
West canyon	21-11262	MD21-01-0189	6.7–7.35	Qbt 3	Nitrosodiphenylamine[N-]	0.36	mg/kg	U
West canyon	21-11262	MD21-01-0189	6.7–7.35	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.36	mg/kg	U
West canyon	21-11262	MD21-01-0189	6.7–7.35	Qbt 3	Pentachlorophenol	1.7	mg/kg	U
West canyon	21-11262	MD21-01-0189	6.7–7.35	Qbt 3	Phenol	0.36	mg/kg	U
West canyon	21-11262	MD21-01-0189	6.7–7.35	Qbt 3	Trichlorobenzene[1,2,4-]	0.36	mg/kg	U
West canyon	21-11262	MD21-01-0189	6.7–7.35	Qbt 3	Trichlorophenol[2,4,5-]	0.36	mg/kg	U
West canyon	21-11262	MD21-01-0189	6.7–7.35	Qbt 3	Trichlorophenol[2,4,6-]	0.36	mg/kg	U
West canyon	21-11262	MD21-01-0189	6.7–7.35	Qbt 3	Trimethylbenzene[1,2,4-]	0.0058	mg/kg	U
West canyon	21-11262	MD21-01-0189	6.7–7.35	Qbt 3	Trimethylbenzene[1,3,5-]	0.0058	mg/kg	U
West canyon	21-11262	MD21-01-0190	8.5–9	Qbt 3	Aluminum	1370	mg/kg	None
West canyon	21-11262	MD21-01-0190	8.5–9	Qbt 3	Antimony	0.85	mg/kg	U
West canyon	21-11262	MD21-01-0190	8.5–9	Qbt 3	Arsenic	0.12	mg/kg	U
West canyon	21-11262	MD21-01-0190	8.5–9	Qbt 3	Barium	7	mg/kg	J
West canyon	21-11262	MD21-01-0190	8.5–9	Qbt 3	Beryllium	0.36	mg/kg	J
West canyon	21-11262	MD21-01-0190	8.5–9	Qbt 3	Cadmium	0.068	mg/kg	U
West canyon	21-11262	MD21-01-0190	8.5–9	Qbt 3	Calcium	146	mg/kg	J
West canyon	21-11262	MD21-01-0190	8.5–9	Qbt 3	Chromium, total	23.7	mg/kg	None
West canyon	21-11262	MD21-01-0190	8.5–9	Qbt 3	Cobalt	0.4	mg/kg	J
West canyon	21-11262	MD21-01-0190	8.5–9	Qbt 3	Copper	1.4	mg/kg	J
West canyon	21-11262	MD21-01-0190	8.5–9	Qbt 3	Iron	4700	mg/kg	None
West canyon	21-11262	MD21-01-0190	8.5–9	Qbt 3	Magnesium	36.6	mg/kg	U
West canyon	21-11262	MD21-01-0190	8.5–9	Qbt 3	Manganese	322	mg/kg	None
West canyon	21-11262	MD21-01-0190	8.5–9	Qbt 3	Mercury	0.0018	mg/kg	U
West canyon	21-11262	MD21-01-0190	8.5–9	Qbt 3	Nickel	10.4	mg/kg	None
West canyon	21-11262	MD21-01-0190	8.5–9	Qbt 3	Potassium	253	mg/kg	U
West canyon	21-11262	MD21-01-0190	8.5–9	Qbt 3	Selenium	0.22	mg/kg	U
West canyon	21-11262	MD21-01-0190	8.5–9	Qbt 3	Silver	0.034	mg/kg	U
West canyon	21-11262	MD21-01-0190	8.5–9	Qbt 3	Sodium	122	mg/kg	U
West canyon	21-11262	MD21-01-0190	8.5–9	Qbt 3	Thallium	0.012	mg/kg	U
West canyon	21-11262	MD21-01-0190	8.5–9	Qbt 3	Vanadium	0.029	mg/kg	U
West canyon	21-11262	MD21-01-0190	8.5–9	Qbt 3	Zinc	31.6	mg/kg	None
West canyon	21-11262	MD21-01-0190	8.5–9	Qbt 3	Acenaphthylene	0.36	mg/kg	U
West canyon	21-11262	MD21-01-0190	8.5–9	Qbt 3	Aniline	0.36	mg/kg	U
West canyon	21-11262	MD21-01-0190	8.5–9	Qbt 3	Azobenzene	0.36	mg/kg	U
West canyon	21-11262	MD21-01-0190	8.5–9	Qbt 3	Benzo(g,h,i)perylene	0.36	mg/kg	U
West canyon	21-11262	MD21-01-0190	8.5–9	Qbt 3	Benzoic acid	1.7	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11262	MD21-01-0190	8.5–9	Qbt 3	Benzyl alcohol	0.36	mg/kg	U
West canyon	21-11262	MD21-01-0190	8.5–9	Qbt 3	Bis(2-chloroethoxy)methane	0.36	mg/kg	U
West canyon	21-11262	MD21-01-0190	8.5–9	Qbt 3	Bis(2-chloroethyl)ether	0.36	mg/kg	U
West canyon	21-11262	MD21-01-0190	8.5–9	Qbt 3	Bis(2-ethylhexyl)phthalate	0.36	mg/kg	U
West canyon	21-11262	MD21-01-0190	8.5–9	Qbt 3	Bromophenyl-phenylether[4-]	0.36	mg/kg	U
West canyon	21-11262	MD21-01-0190	8.5–9	Qbt 3	Butylbenzylphthalate	0.36	mg/kg	U
West canyon	21-11262	MD21-01-0190	8.5–9	Qbt 3	Chloro-3-methylphenol[4-]	0.36	mg/kg	U
West canyon	21-11262	MD21-01-0190	8.5–9	Qbt 3	Chloroaniline[4-]	0.36	mg/kg	U
West canyon	21-11262	MD21-01-0190	8.5–9	Qbt 3	Chloronaphthalene[2-]	0.36	mg/kg	U
West canyon	21-11262	MD21-01-0190	8.5–9	Qbt 3	Chlorophenol[2-]	0.36	mg/kg	U
West canyon	21-11262	MD21-01-0190	8.5–9	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.36	mg/kg	U
West canyon	21-11262	MD21-01-0190	8.5–9	Qbt 3	Di-n-butylphthalate	0.36	mg/kg	U
West canyon	21-11262	MD21-01-0190	8.5–9	Qbt 3	Di-n-octylphthalate	0.36	mg/kg	U
West canyon	21-11262	MD21-01-0190	8.5–9	Qbt 3	Dibenzofuran	0.36	mg/kg	U
West canyon	21-11262	MD21-01-0190	8.5–9	Qbt 3	Dichlorobenzene[1,2-]	0.36	mg/kg	U
West canyon	21-11262	MD21-01-0190	8.5–9	Qbt 3	Dichlorobenzene[1,3-]	0.36	mg/kg	U
West canyon	21-11262	MD21-01-0190	8.5–9	Qbt 3	Dichlorobenzene[1,4-]	0.36	mg/kg	U
West canyon	21-11262	MD21-01-0190	8.5–9	Qbt 3	Dichlorobenzidine[3,3'-]	1.7	mg/kg	U
West canyon	21-11262	MD21-01-0190	8.5–9	Qbt 3	Dichlorophenol[2,4-]	0.36	mg/kg	U
West canyon	21-11262	MD21-01-0190	8.5–9	Qbt 3	Diethylphthalate	0.36	mg/kg	U
West canyon	21-11262	MD21-01-0190	8.5–9	Qbt 3	Dimethyl phthalate	0.36	mg/kg	U
West canyon	21-11262	MD21-01-0190	8.5–9	Qbt 3	Dimethylphenol[2,4-]	0.36	mg/kg	U
West canyon	21-11262	MD21-01-0190	8.5–9	Qbt 3	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
West canyon	21-11262	MD21-01-0190	8.5–9	Qbt 3	Dinitrophenol[2,4-]	1.7	mg/kg	U
West canyon	21-11262	MD21-01-0190	8.5–9	Qbt 3	Dinitrotoluene[2,4-]	0.36	mg/kg	U
West canyon	21-11262	MD21-01-0190	8.5–9	Qbt 3	Dinitrotoluene[2,6-]	0.36	mg/kg	U
West canyon	21-11262	MD21-01-0190	8.5–9	Qbt 3	Hexachlorobenzene	0.36	mg/kg	U
West canyon	21-11262	MD21-01-0190	8.5–9	Qbt 3	Hexachlorobutadiene	0.36	mg/kg	U
West canyon	21-11262	MD21-01-0190	8.5–9	Qbt 3	Hexachlorocyclopentadiene	1.7	mg/kg	U
West canyon	21-11262	MD21-01-0190	8.5–9	Qbt 3	Hexachloroethane	0.36	mg/kg	U
West canyon	21-11262	MD21-01-0190	8.5–9	Qbt 3	Indeno(1,2,3-cd)pyrene	0.36	mg/kg	U
West canyon	21-11262	MD21-01-0190	8.5–9	Qbt 3	Isophorone	0.36	mg/kg	U
West canyon	21-11262	MD21-01-0190	8.5–9	Qbt 3	Methylphenol[2-]	0.36	mg/kg	U
West canyon	21-11262	MD21-01-0190	8.5–9	Qbt 3	Methylphenol[4-]	0.36	mg/kg	U
West canyon	21-11262	MD21-01-0190	8.5–9	Qbt 3	Nitroaniline[2-]	1.7	mg/kg	U
West canyon	21-11262	MD21-01-0190	8.5–9	Qbt 3	Nitroaniline[3-]	1.7	mg/kg	U
West canyon	21-11262	MD21-01-0190	8.5–9	Qbt 3	Nitroaniline[4-]	1.7	mg/kg	U
West canyon	21-11262	MD21-01-0190	8.5–9	Qbt 3	Nitrobenzene	0.36	mg/kg	U
West canyon	21-11262	MD21-01-0190	8.5–9	Qbt 3	Nitrophenol[2-]	0.36	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11262	MD21-01-0190	8.5–9	Qbt 3	Nitrophenol[4-]	1.7	mg/kg	U
West canyon	21-11262	MD21-01-0190	8.5–9	Qbt 3	Nitroso-di-n-propylamine[N-]	0.36	mg/kg	U
West canyon	21-11262	MD21-01-0190	8.5–9	Qbt 3	Nitrosodimethylamine[N-]	0.36	mg/kg	U
West canyon	21-11262	MD21-01-0190	8.5–9	Qbt 3	Nitrosodiphenylamine[N-]	0.36	mg/kg	U
West canyon	21-11262	MD21-01-0190	8.5–9	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.36	mg/kg	U
West canyon	21-11262	MD21-01-0190	8.5–9	Qbt 3	Pentachlorophenol	1.7	mg/kg	U
West canyon	21-11262	MD21-01-0190	8.5–9	Qbt 3	Phenol	0.36	mg/kg	U
West canyon	21-11262	MD21-01-0190	8.5–9	Qbt 3	Trichlorobenzene[1,2,4-]	0.36	mg/kg	U
West canyon	21-11262	MD21-01-0190	8.5–9	Qbt 3	Trichlorophenol[2,4,5-]	0.36	mg/kg	U
West canyon	21-11262	MD21-01-0190	8.5–9	Qbt 3	Trichlorophenol[2,4,6-]	0.36	mg/kg	U
West canyon	21-11262	MD21-01-0190	8.5–9	Qbt 3	Trimethylbenzene[1,2,4-]	0.0064	mg/kg	U
West canyon	21-11262	MD21-01-0190	8.5–9	Qbt 3	Trimethylbenzene[1,3,5-]	0.0064	mg/kg	U
West canyon	21-11264	MD21-01-0191	0–0.3	Qbt 3	Aluminum	2080	mg/kg	None
West canyon	21-11264	MD21-01-0191	0–0.3	Qbt 3	Antimony	0.92	mg/kg	U
West canyon	21-11264	MD21-01-0191	0–0.3	Qbt 3	Arsenic	0.13	mg/kg	UJ
West canyon	21-11264	MD21-01-0191	0–0.3	Qbt 3	Barium	7.2	mg/kg	J
West canyon	21-11264	MD21-01-0191	0–0.3	Qbt 3	Beryllium	0.6	mg/kg	None
West canyon	21-11264	MD21-01-0191	0–0.3	Qbt 3	Cadmium	0.074	mg/kg	U
West canyon	21-11264	MD21-01-0191	0–0.3	Qbt 3	Calcium	221	mg/kg	J
West canyon	21-11264	MD21-01-0191	0–0.3	Qbt 3	Chromium, total	0.91	mg/kg	J
West canyon	21-11264	MD21-01-0191	0–0.3	Qbt 3	Cobalt	0.58	mg/kg	U
West canyon	21-11264	MD21-01-0191	0–0.3	Qbt 3	Copper	1.8	mg/kg	U
West canyon	21-11264	MD21-01-0191	0–0.3	Qbt 3	Iron	5880	mg/kg	None
West canyon	21-11264	MD21-01-0191	0–0.3	Qbt 3	Magnesium	54.8	mg/kg	J
West canyon	21-11264	MD21-01-0191	0–0.3	Qbt 3	Manganese	90.5	mg/kg	None
West canyon	21-11264	MD21-01-0191	0–0.3	Qbt 3	Mercury	0.02	mg/kg	U
West canyon	21-11264	MD21-01-0191	0–0.3	Qbt 3	Nickel	1.5	mg/kg	U
West canyon	21-11264	MD21-01-0191	0–0.3	Qbt 3	Potassium	291	mg/kg	J
West canyon	21-11264	MD21-01-0191	0–0.3	Qbt 3	Selenium	0.23	mg/kg	U
West canyon	21-11264	MD21-01-0191	0–0.3	Qbt 3	Silver	0.53	mg/kg	U
West canyon	21-11264	MD21-01-0191	0–0.3	Qbt 3	Sodium	103	mg/kg	J
West canyon	21-11264	MD21-01-0191	0–0.3	Qbt 3	Thallium	0.35	mg/kg	J
West canyon	21-11264	MD21-01-0191	0–0.3	Qbt 3	Vanadium	0.43	mg/kg	J
West canyon	21-11264	MD21-01-0191	0–0.3	Qbt 3	Zinc	40.4	mg/kg	None
West canyon	21-11264	MD21-01-0191	0–0.3	Qbt 3	Acenaphthylene	0.39	mg/kg	UJ
West canyon	21-11264	MD21-01-0191	0–0.3	Qbt 3	Aniline	0.39	mg/kg	R
West canyon	21-11264	MD21-01-0191	0–0.3	Qbt 3	Azobenzene	0.39	mg/kg	U
West canyon	21-11264	MD21-01-0191	0–0.3	Qbt 3	Benzo(g,h,i)perylene	0.39	mg/kg	U
West canyon	21-11264	MD21-01-0191	0–0.3	Qbt 3	Benzoic acid	0.39	mg/kg	UJ

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11264	MD21-01-0191	0–0.3	Qbt 3	Benzyl alcohol	0.39	mg/kg	R
West canyon	21-11264	MD21-01-0191	0–0.3	Qbt 3	Bis(2-chloroethoxy)methane	0.39	mg/kg	R
West canyon	21-11264	MD21-01-0191	0–0.3	Qbt 3	Bis(2-chloroethyl)ether	0.39	mg/kg	R
West canyon	21-11264	MD21-01-0191	0–0.3	Qbt 3	Bis(2-ethylhexyl)phthalate	0.39	mg/kg	U
West canyon	21-11264	MD21-01-0191	0–0.3	Qbt 3	Bromophenyl-phenylether[4-]	0.39	mg/kg	U
West canyon	21-11264	MD21-01-0191	0–0.3	Qbt 3	Butylbenzylphthalate	0.39	mg/kg	U
West canyon	21-11264	MD21-01-0191	0–0.3	Qbt 3	Chloro-3-methylphenol[4-]	0.39	mg/kg	UJ
West canyon	21-11264	MD21-01-0191	0–0.3	Qbt 3	Chloroaniline[4-]	0.39	mg/kg	R
West canyon	21-11264	MD21-01-0191	0–0.3	Qbt 3	Chloronaphthalene[2-]	0.39	mg/kg	UJ
West canyon	21-11264	MD21-01-0191	0–0.3	Qbt 3	Chlorophenol[2-]	0.39	mg/kg	R
West canyon	21-11264	MD21-01-0191	0–0.3	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.39	mg/kg	UJ
West canyon	21-11264	MD21-01-0191	0–0.3	Qbt 3	Di-n-butylphthalate	0.39	mg/kg	U
West canyon	21-11264	MD21-01-0191	0–0.3	Qbt 3	Di-n-octylphthalate	0.39	mg/kg	U
West canyon	21-11264	MD21-01-0191	0–0.3	Qbt 3	Dibenzofuran	0.39	mg/kg	UJ
West canyon	21-11264	MD21-01-0191	0–0.3	Qbt 3	Dichlorobenzene[1,2-]	0.39	mg/kg	R
West canyon	21-11264	MD21-01-0191	0–0.3	Qbt 3	Dichlorobenzene[1,3-]	0.39	mg/kg	R
West canyon	21-11264	MD21-01-0191	0–0.3	Qbt 3	Dichlorobenzene[1,4-]	0.39	mg/kg	R
West canyon	21-11264	MD21-01-0191	0–0.3	Qbt 3	Dichlorobenzidine[3,3'-]	1.9	mg/kg	U
West canyon	21-11264	MD21-01-0191	0–0.3	Qbt 3	Dichlorophenol[2,4-]	0.39	mg/kg	UJ
West canyon	21-11264	MD21-01-0191	0–0.3	Qbt 3	Diethylphthalate	0.39	mg/kg	UJ
West canyon	21-11264	MD21-01-0191	0–0.3	Qbt 3	Dimethyl phthalate	0.39	mg/kg	UJ
West canyon	21-11264	MD21-01-0191	0–0.3	Qbt 3	Dimethylphenol[2,4-]	0.39	mg/kg	UJ
West canyon	21-11264	MD21-01-0191	0–0.3	Qbt 3	Dinitro-2-methylphenol[4,6-]	1.9	mg/kg	R
West canyon	21-11264	MD21-01-0191	0–0.3	Qbt 3	Dinitrophenol[2,4-]	1.9	mg/kg	U
West canyon	21-11264	MD21-01-0191	0–0.3	Qbt 3	Dinitrotoluene[2,4-]	0.39	mg/kg	UJ
West canyon	21-11264	MD21-01-0191	0–0.3	Qbt 3	Dinitrotoluene[2,6-]	0.39	mg/kg	UJ
West canyon	21-11264	MD21-01-0191	0–0.3	Qbt 3	Hexachlorobenzene	0.39	mg/kg	U
West canyon	21-11264	MD21-01-0191	0–0.3	Qbt 3	Hexachlorobutadiene	0.39	mg/kg	R
West canyon	21-11264	MD21-01-0191	0–0.3	Qbt 3	Hexachlorocyclopentadiene	1.9	mg/kg	UJ
West canyon	21-11264	MD21-01-0191	0–0.3	Qbt 3	Hexachloroethane	0.39	mg/kg	R
West canyon	21-11264	MD21-01-0191	0–0.3	Qbt 3	Indeno(1,2,3-cd)pyrene	0.39	mg/kg	U
West canyon	21-11264	MD21-01-0191	0–0.3	Qbt 3	Isophorone	0.39	mg/kg	R
West canyon	21-11264	MD21-01-0191	0–0.3	Qbt 3	Methylphenol[2-]	0.39	mg/kg	R
West canyon	21-11264	MD21-01-0191	0–0.3	Qbt 3	Methylphenol[4-]	0.39	mg/kg	R
West canyon	21-11264	MD21-01-0191	0–0.3	Qbt 3	Nitroaniline[2-]	1.9	mg/kg	UJ
West canyon	21-11264	MD21-01-0191	0–0.3	Qbt 3	Nitroaniline[3-]	1.9	mg/kg	UJ
West canyon	21-11264	MD21-01-0191	0–0.3	Qbt 3	Nitroaniline[4-]	1.9	mg/kg	UJ
West canyon	21-11264	MD21-01-0191	0–0.3	Qbt 3	Nitrobenzene	0.39	mg/kg	R
West canyon	21-11264	MD21-01-0191	0–0.3	Qbt 3	Nitrophenol[2-]	0.39	mg/kg	UJ

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11264	MD21-01-0191	0–0.3	Qbt 3	Nitrophenol[4-]	1.9	mg/kg	U
West canyon	21-11264	MD21-01-0191	0–0.3	Qbt 3	Nitroso-di-n-propylamine[N-]	0.39	mg/kg	R
West canyon	21-11264	MD21-01-0191	0–0.3	Qbt 3	Nitrosodimethylamine[N-]	0.39	mg/kg	R
West canyon	21-11264	MD21-01-0191	0–0.3	Qbt 3	Nitrosodiphenylamine[N-]	0.39	mg/kg	U
West canyon	21-11264	MD21-01-0191	0–0.3	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.39	mg/kg	R
West canyon	21-11264	MD21-01-0191	0–0.3	Qbt 3	Pentachlorophenol	1.9	mg/kg	R
West canyon	21-11264	MD21-01-0191	0–0.3	Qbt 3	Phenol	0.39	mg/kg	R
West canyon	21-11264	MD21-01-0191	0–0.3	Qbt 3	Trichlorobenzene[1,2,4-]	0.39	mg/kg	R
West canyon	21-11264	MD21-01-0191	0–0.3	Qbt 3	Trichlorophenol[2,4,5-]	0.39	mg/kg	U
West canyon	21-11264	MD21-01-0191	0–0.3	Qbt 3	Trichlorophenol[2,4,6-]	0.39	mg/kg	U
West canyon	21-11264	MD21-01-0191	0–0.3	Qbt 3	Chlorobenzene	0.006	mg/kg	U
West canyon	21-11264	MD21-01-0191	0–0.3	Qbt 3	Dichlorobenzene[1,4-]	0.006	mg/kg	U
West canyon	21-11264	MD21-01-0191	0–0.3	Qbt 3	Dichloroethene[1,1-]	0.006	mg/kg	U
West canyon	21-11264	MD21-01-0191	0–0.3	Qbt 3	Trichloroethene	0.006	mg/kg	U
West canyon	21-11264	MD21-01-0191	0–0.3	Qbt 3	Trimethylbenzene[1,2,4-]	0.006	mg/kg	U
West canyon	21-11264	MD21-01-0191	0–0.3	Qbt 3	Trimethylbenzene[1,3,5-]	0.006	mg/kg	U
West canyon	21-11264	MD21-01-0192	6–7	Qbt 3	Aluminum	1590	mg/kg	None
West canyon	21-11264	MD21-01-0192	6–7	Qbt 3	Antimony	0.99	mg/kg	U
West canyon	21-11264	MD21-01-0192	6–7	Qbt 3	Arsenic	0.14	mg/kg	UJ
West canyon	21-11264	MD21-01-0192	6–7	Qbt 3	Barium	17.9	mg/kg	J
West canyon	21-11264	MD21-01-0192	6–7	Qbt 3	Beryllium	0.43	mg/kg	J
West canyon	21-11264	MD21-01-0192	6–7	Qbt 3	Cadmium	0.079	mg/kg	U
West canyon	21-11264	MD21-01-0192	6–7	Qbt 3	Calcium	203	mg/kg	J
West canyon	21-11264	MD21-01-0192	6–7	Qbt 3	Chromium, total	7.4	mg/kg	None
West canyon	21-11264	MD21-01-0192	6–7	Qbt 3	Cobalt	0.95	mg/kg	J
West canyon	21-11264	MD21-01-0192	6–7	Qbt 3	Copper	2.3	mg/kg	U
West canyon	21-11264	MD21-01-0192	6–7	Qbt 3	Iron	5920	mg/kg	None
West canyon	21-11264	MD21-01-0192	6–7	Qbt 3	Magnesium	48.2	mg/kg	J
West canyon	21-11264	MD21-01-0192	6–7	Qbt 3	Manganese	149	mg/kg	U
West canyon	21-11264	MD21-01-0192	6–7	Qbt 3	Mercury	0.021	mg/kg	U
West canyon	21-11264	MD21-01-0192	6–7	Qbt 3	Nickel	5.6	mg/kg	None
West canyon	21-11264	MD21-01-0192	6–7	Qbt 3	Potassium	293	mg/kg	U
West canyon	21-11264	MD21-01-0192	6–7	Qbt 3	Selenium	0.25	mg/kg	U
West canyon	21-11264	MD21-01-0192	6–7	Qbt 3	Silver	0.57	mg/kg	U
West canyon	21-11264	MD21-01-0192	6–7	Qbt 3	Sodium	166	mg/kg	J
West canyon	21-11264	MD21-01-0192	6–7	Qbt 3	Thallium	0.057	mg/kg	J
West canyon	21-11264	MD21-01-0192	6–7	Qbt 3	Vanadium	0.43	mg/kg	U
West canyon	21-11264	MD21-01-0192	6–7	Qbt 3	Zinc	37.8	mg/kg	None
West canyon	21-11264	MD21-01-0192	6–7	Qbt 3	Acenaphthylene	0.41	mg/kg	UJ

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11264	MD21-01-0192	6–7	Qbt 3	Aniline	0.41	mg/kg	R
West canyon	21-11264	MD21-01-0192	6–7	Qbt 3	Azobenzene	0.41	mg/kg	UJ
West canyon	21-11264	MD21-01-0192	6–7	Qbt 3	Benzo(g,h,i)perylene	0.41	mg/kg	UJ
West canyon	21-11264	MD21-01-0192	6–7	Qbt 3	Benzoic acid	2	mg/kg	UJ
West canyon	21-11264	MD21-01-0192	6–7	Qbt 3	Benzyl alcohol	0.41	mg/kg	R
West canyon	21-11264	MD21-01-0192	6–7	Qbt 3	Bis(2-chloroethoxy)methane	0.41	mg/kg	R
West canyon	21-11264	MD21-01-0192	6–7	Qbt 3	Bis(2-chloroethyl)ether	0.41	mg/kg	R
West canyon	21-11264	MD21-01-0192	6–7	Qbt 3	Bis(2-ethylhexyl)phthalate	0.41	mg/kg	UJ
West canyon	21-11264	MD21-01-0192	6–7	Qbt 3	Bromophenyl-phenylether[4-]	0.41	mg/kg	UJ
West canyon	21-11264	MD21-01-0192	6–7	Qbt 3	Butylbenzylphthalate	0.41	mg/kg	UJ
West canyon	21-11264	MD21-01-0192	6–7	Qbt 3	Chloro-3-methylphenol[4-]	0.41	mg/kg	UJ
West canyon	21-11264	MD21-01-0192	6–7	Qbt 3	Chloroaniline[4-]	0.41	mg/kg	R
West canyon	21-11264	MD21-01-0192	6–7	Qbt 3	Chloronaphthalene[2-]	0.41	mg/kg	UJ
West canyon	21-11264	MD21-01-0192	6–7	Qbt 3	Chlorophenol[2-]	0.41	mg/kg	R
West canyon	21-11264	MD21-01-0192	6–7	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.41	mg/kg	UJ
West canyon	21-11264	MD21-01-0192	6–7	Qbt 3	Di-n-butylphthalate	0.41	mg/kg	UJ
West canyon	21-11264	MD21-01-0192	6–7	Qbt 3	Di-n-octylphthalate	0.41	mg/kg	UJ
West canyon	21-11264	MD21-01-0192	6–7	Qbt 3	Dibenzofuran	0.41	mg/kg	UJ
West canyon	21-11264	MD21-01-0192	6–7	Qbt 3	Dichlorobenzene[1,2-]	0.41	mg/kg	R
West canyon	21-11264	MD21-01-0192	6–7	Qbt 3	Dichlorobenzene[1,3-]	0.41	mg/kg	R
West canyon	21-11264	MD21-01-0192	6–7	Qbt 3	Dichlorobenzene[1,4-]	0.41	mg/kg	R
West canyon	21-11264	MD21-01-0192	6–7	Qbt 3	Dichlorobenzidine[3,3'-]	2	mg/kg	UJ
West canyon	21-11264	MD21-01-0192	6–7	Qbt 3	Dichlorophenol[2,4-]	0.41	mg/kg	UJ
West canyon	21-11264	MD21-01-0192	6–7	Qbt 3	Diethylphthalate	0.41	mg/kg	UJ
West canyon	21-11264	MD21-01-0192	6–7	Qbt 3	Dimethyl phthalate	0.41	mg/kg	UJ
West canyon	21-11264	MD21-01-0192	6–7	Qbt 3	Dimethylphenol[2,4-]	0.41	mg/kg	UJ
West canyon	21-11264	MD21-01-0192	6–7	Qbt 3	Dinitro-2-methylphenol[4,6-]	2	mg/kg	R
West canyon	21-11264	MD21-01-0192	6–7	Qbt 3	Dinitrophenol[2,4-]	2	mg/kg	U
West canyon	21-11264	MD21-01-0192	6–7	Qbt 3	Dinitrotoluene[2,4-]	0.41	mg/kg	UJ
West canyon	21-11264	MD21-01-0192	6–7	Qbt 3	Dinitrotoluene[2,6-]	0.41	mg/kg	UJ
West canyon	21-11264	MD21-01-0192	6–7	Qbt 3	Hexachlorobenzene	0.41	mg/kg	UJ
West canyon	21-11264	MD21-01-0192	6–7	Qbt 3	Hexachlorobutadiene	0.41	mg/kg	R
West canyon	21-11264	MD21-01-0192	6–7	Qbt 3	Hexachlorocyclopentadiene	2	mg/kg	UJ
West canyon	21-11264	MD21-01-0192	6–7	Qbt 3	Hexachloroethane	0.41	mg/kg	R
West canyon	21-11264	MD21-01-0192	6–7	Qbt 3	Indeno(1,2,3-cd)pyrene	0.41	mg/kg	UJ
West canyon	21-11264	MD21-01-0192	6–7	Qbt 3	Isophorone	0.41	mg/kg	R
West canyon	21-11264	MD21-01-0192	6–7	Qbt 3	Methylphenol[2-]	0.41	mg/kg	R
West canyon	21-11264	MD21-01-0192	6–7	Qbt 3	Methylphenol[4-]	0.41	mg/kg	R
West canyon	21-11264	MD21-01-0192	6–7	Qbt 3	Nitroaniline[2-]	2	mg/kg	UJ

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11264	MD21-01-0192	6–7	Qbt 3	Nitroaniline[3-]	2	mg/kg	UJ
West canyon	21-11264	MD21-01-0192	6–7	Qbt 3	Nitroaniline[4-]	2	mg/kg	UJ
West canyon	21-11264	MD21-01-0192	6–7	Qbt 3	Nitrobenzene	0.41	mg/kg	R
West canyon	21-11264	MD21-01-0192	6–7	Qbt 3	Nitrophenol[2-]	0.41	mg/kg	UJ
West canyon	21-11264	MD21-01-0192	6–7	Qbt 3	Nitrophenol[4-]	2	mg/kg	U
West canyon	21-11264	MD21-01-0192	6–7	Qbt 3	Nitroso-di-n-propylamine[N-]	0.41	mg/kg	R
West canyon	21-11264	MD21-01-0192	6–7	Qbt 3	Nitrosodimethylamine[N-]	0.41	mg/kg	R
West canyon	21-11264	MD21-01-0192	6–7	Qbt 3	Nitrosodiphenylamine[N-]	0.41	mg/kg	UJ
West canyon	21-11264	MD21-01-0192	6–7	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.41	mg/kg	R
West canyon	21-11264	MD21-01-0192	6–7	Qbt 3	Pentachlorophenol	2	mg/kg	R
West canyon	21-11264	MD21-01-0192	6–7	Qbt 3	Phenol	0.41	mg/kg	R
West canyon	21-11264	MD21-01-0192	6–7	Qbt 3	Trichlorobenzene[1,2,4-]	0.41	mg/kg	R
West canyon	21-11264	MD21-01-0192	6–7	Qbt 3	Trichlorophenol[2,4,5-]	0.41	mg/kg	U
West canyon	21-11264	MD21-01-0192	6–7	Qbt 3	Trichlorophenol[2,4,6-]	0.41	mg/kg	U
West canyon	21-11264	MD21-01-0192	6–7	Qbt 3	Trimethylbenzene[1,2,4-]	0.006	mg/kg	U
West canyon	21-11264	MD21-01-0192	6–7	Qbt 3	Trimethylbenzene[1,3,5-]	0.006	mg/kg	U
West canyon	21-11263	MD21-01-0193	1.5–2	Sediment	Aluminum	3660	mg/kg	None
West canyon	21-11263	MD21-01-0193	1.5–2	Sediment	Antimony	0.81	mg/kg	U
West canyon	21-11263	MD21-01-0193	1.5–2	Sediment	Arsenic	2	mg/kg	None
West canyon	21-11263	MD21-01-0193	1.5–2	Sediment	Barium	89.2	mg/kg	None
West canyon	21-11263	MD21-01-0193	1.5–2	Sediment	Beryllium	0.33	mg/kg	J
West canyon	21-11263	MD21-01-0193	1.5–2	Sediment	Cadmium	0.63	mg/kg	None
West canyon	21-11263	MD21-01-0193	1.5–2	Sediment	Calcium	1790	mg/kg	None
West canyon	21-11263	MD21-01-0193	1.5–2	Sediment	Chromium, total	15.2	mg/kg	None
West canyon	21-11263	MD21-01-0193	1.5–2	Sediment	Cobalt	3	mg/kg	J
West canyon	21-11263	MD21-01-0193	1.5–2	Sediment	Copper	14.8	mg/kg	None
West canyon	21-11263	MD21-01-0193	1.5–2	Sediment	Iron	7220	mg/kg	None
West canyon	21-11263	MD21-01-0193	1.5–2	Sediment	Magnesium	873	mg/kg	None
West canyon	21-11263	MD21-01-0193	1.5–2	Sediment	Manganese	109	mg/kg	None
West canyon	21-11263	MD21-01-0193	1.5–2	Sediment	Mercury	0.036	mg/kg	None
West canyon	21-11263	MD21-01-0193	1.5–2	Sediment	Nickel	6	mg/kg	None
West canyon	21-11263	MD21-01-0193	1.5–2	Sediment	Potassium	674	mg/kg	None
West canyon	21-11263	MD21-01-0193	1.5–2	Sediment	Selenium	0.2	mg/kg	U
West canyon	21-11263	MD21-01-0193	1.5–2	Sediment	Silver	1	mg/kg	J
West canyon	21-11263	MD21-01-0193	1.5–2	Sediment	Sodium	80.8	mg/kg	J
West canyon	21-11263	MD21-01-0193	1.5–2	Sediment	Thallium	0.08	mg/kg	J
West canyon	21-11263	MD21-01-0193	1.5–2	Sediment	Vanadium	15.5	mg/kg	None
West canyon	21-11263	MD21-01-0193	1.5–2	Sediment	Zinc	94.1	mg/kg	None
West canyon	21-11263	MD21-01-0193	1.5–2	Sediment	Acenaphthylene	0.34	mg/kg	UJ

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11263	MD21-01-0193	1.5–2	Sediment	Aniline	0.34	mg/kg	R
West canyon	21-11263	MD21-01-0193	1.5–2	Sediment	Azobenzene	0.34	mg/kg	UJ
West canyon	21-11263	MD21-01-0193	1.5–2	Sediment	Benzo(g,h,i)perylene	0.34	mg/kg	UJ
West canyon	21-11263	MD21-01-0193	1.5–2	Sediment	Benzoic acid	1.7	mg/kg	UJ
West canyon	21-11263	MD21-01-0193	1.5–2	Sediment	Benzyl alcohol	0.34	mg/kg	R
West canyon	21-11263	MD21-01-0193	1.5–2	Sediment	Bis(2-chloroethoxy)methane	0.34	mg/kg	R
West canyon	21-11263	MD21-01-0193	1.5–2	Sediment	Bis(2-chloroethyl)ether	0.34	mg/kg	R
West canyon	21-11263	MD21-01-0193	1.5–2	Sediment	Bis(2-ethylhexyl)phthalate	0.16	mg/kg	J
West canyon	21-11263	MD21-01-0193	1.5–2	Sediment	Bromophenyl-phenylether[4-]	0.34	mg/kg	UJ
West canyon	21-11263	MD21-01-0193	1.5–2	Sediment	Butylbenzylphthalate	0.34	mg/kg	UJ
West canyon	21-11263	MD21-01-0193	1.5–2	Sediment	Chloro-3-methylphenol[4-]	0.34	mg/kg	UJ
West canyon	21-11263	MD21-01-0193	1.5–2	Sediment	Chloroaniline[4-]	0.34	mg/kg	R
West canyon	21-11263	MD21-01-0193	1.5–2	Sediment	Chloronaphthalene[2-]	0.34	mg/kg	UJ
West canyon	21-11263	MD21-01-0193	1.5–2	Sediment	Chlorophenol[2-]	0.34	mg/kg	R
West canyon	21-11263	MD21-01-0193	1.5–2	Sediment	Chlorophenyl-phenyl[4-] ether	0.34	mg/kg	UJ
West canyon	21-11263	MD21-01-0193	1.5–2	Sediment	Di-n-butylphthalate	0.34	mg/kg	UJ
West canyon	21-11263	MD21-01-0193	1.5–2	Sediment	Di-n-octylphthalate	0.34	mg/kg	UJ
West canyon	21-11263	MD21-01-0193	1.5–2	Sediment	Dibenzofuran	0.34	mg/kg	UJ
West canyon	21-11263	MD21-01-0193	1.5–2	Sediment	Dichlorobenzene[1,2-]	0.34	mg/kg	R
West canyon	21-11263	MD21-01-0193	1.5–2	Sediment	Dichlorobenzene[1,3-]	0.34	mg/kg	R
West canyon	21-11263	MD21-01-0193	1.5–2	Sediment	Dichlorobenzene[1,4-]	0.34	mg/kg	R
West canyon	21-11263	MD21-01-0193	1.5–2	Sediment	Dichlorobenzidine[3,3'-]	1.7	mg/kg	UJ
West canyon	21-11263	MD21-01-0193	1.5–2	Sediment	Dichlorophenol[2,4-]	0.34	mg/kg	UJ
West canyon	21-11263	MD21-01-0193	1.5–2	Sediment	Diethylphthalate	0.34	mg/kg	UJ
West canyon	21-11263	MD21-01-0193	1.5–2	Sediment	Dimethyl phthalate	0.34	mg/kg	UJ
West canyon	21-11263	MD21-01-0193	1.5–2	Sediment	Dimethylphenol[2,4-]	0.34	mg/kg	UJ
West canyon	21-11263	MD21-01-0193	1.5–2	Sediment	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	R
West canyon	21-11263	MD21-01-0193	1.5–2	Sediment	Dinitrophenol[2,4-]	1.7	mg/kg	U
West canyon	21-11263	MD21-01-0193	1.5–2	Sediment	Dinitrotoluene[2,4-]	0.34	mg/kg	UJ
West canyon	21-11263	MD21-01-0193	1.5–2	Sediment	Dinitrotoluene[2,6-]	0.34	mg/kg	UJ
West canyon	21-11263	MD21-01-0193	1.5–2	Sediment	Hexachlorobenzene	0.34	mg/kg	UJ
West canyon	21-11263	MD21-01-0193	1.5–2	Sediment	Hexachlorobutadiene	0.34	mg/kg	R
West canyon	21-11263	MD21-01-0193	1.5–2	Sediment	Hexachlorocyclopentadiene	1.7	mg/kg	UJ
West canyon	21-11263	MD21-01-0193	1.5–2	Sediment	Hexachloroethane	0.34	mg/kg	R
West canyon	21-11263	MD21-01-0193	1.5–2	Sediment	Indeno(1,2,3-cd)pyrene	0.34	mg/kg	UJ
West canyon	21-11263	MD21-01-0193	1.5–2	Sediment	Isophorone	0.34	mg/kg	R
West canyon	21-11263	MD21-01-0193	1.5–2	Sediment	Methylphenol[2-]	0.34	mg/kg	R
West canyon	21-11263	MD21-01-0193	1.5–2	Sediment	Methylphenol[4-]	0.34	mg/kg	R
West canyon	21-11263	MD21-01-0193	1.5–2	Sediment	Nitroaniline[2-]	1.7	mg/kg	UJ

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11263	MD21-01-0193	1.5–2	Sediment	Nitroaniline[3-]	1.7	mg/kg	UJ
West canyon	21-11263	MD21-01-0193	1.5–2	Sediment	Nitroaniline[4-]	1.7	mg/kg	UJ
West canyon	21-11263	MD21-01-0193	1.5–2	Sediment	Nitrobenzene	0.34	mg/kg	R
West canyon	21-11263	MD21-01-0193	1.5–2	Sediment	Nitrophenol[2-]	0.34	mg/kg	UJ
West canyon	21-11263	MD21-01-0193	1.5–2	Sediment	Nitrophenol[4-]	1.7	mg/kg	U
West canyon	21-11263	MD21-01-0193	1.5–2	Sediment	Nitroso-di-n-propylamine[N-]	0.34	mg/kg	R
West canyon	21-11263	MD21-01-0193	1.5–2	Sediment	Nitrosodimethylamine[N-]	0.34	mg/kg	R
West canyon	21-11263	MD21-01-0193	1.5–2	Sediment	Nitrosodiphenylamine[N-]	0.34	mg/kg	UJ
West canyon	21-11263	MD21-01-0193	1.5–2	Sediment	Oxybis(1-chloropropane)[2,2'-]	0.34	mg/kg	R
West canyon	21-11263	MD21-01-0193	1.5–2	Sediment	Pentachlorophenol	1.7	mg/kg	R
West canyon	21-11263	MD21-01-0193	1.5–2	Sediment	Phenol	0.34	mg/kg	R
West canyon	21-11263	MD21-01-0193	1.5–2	Sediment	Trichlorobenzene[1,2,4-]	0.34	mg/kg	R
West canyon	21-11263	MD21-01-0193	1.5–2	Sediment	Trichlorophenol[2,4,5-]	0.34	mg/kg	U
West canyon	21-11263	MD21-01-0193	1.5–2	Sediment	Trichlorophenol[2,4,6-]	0.34	mg/kg	U
West canyon	21-11263	MD21-01-0193	1.5–2	Sediment	Trimethylbenzene[1,2,4-]	0.0015	mg/kg	J
West canyon	21-11263	MD21-01-0193	1.5–2	Sediment	Trimethylbenzene[1,3,5-]	0.006	mg/kg	U
West canyon	21-11263	MD21-01-0194	2.5–3	Qbt 3	Aluminum	10600	mg/kg	None
West canyon	21-11263	MD21-01-0194	2.5–3	Qbt 3	Antimony	0.96	mg/kg	U
West canyon	21-11263	MD21-01-0194	2.5–3	Qbt 3	Arsenic	2	mg/kg	J-
West canyon	21-11263	MD21-01-0194	2.5–3	Qbt 3	Barium	89.7	mg/kg	None
West canyon	21-11263	MD21-01-0194	2.5–3	Qbt 3	Beryllium	0.73	mg/kg	None
West canyon	21-11263	MD21-01-0194	2.5–3	Qbt 3	Cadmium	0.11	mg/kg	J
West canyon	21-11263	MD21-01-0194	2.5–3	Qbt 3	Calcium	1730	mg/kg	None
West canyon	21-11263	MD21-01-0194	2.5–3	Qbt 3	Chromium, total	8.9	mg/kg	None
West canyon	21-11263	MD21-01-0194	2.5–3	Qbt 3	Cobalt	6.5	mg/kg	None
West canyon	21-11263	MD21-01-0194	2.5–3	Qbt 3	Copper	5.8	mg/kg	None
West canyon	21-11263	MD21-01-0194	2.5–3	Qbt 3	Iron	11500	mg/kg	None
West canyon	21-11263	MD21-01-0194	2.5–3	Qbt 3	Magnesium	1120	mg/kg	None
West canyon	21-11263	MD21-01-0194	2.5–3	Qbt 3	Manganese	513	mg/kg	None
West canyon	21-11263	MD21-01-0194	2.5–3	Qbt 3	Mercury	0.02	mg/kg	U
West canyon	21-11263	MD21-01-0194	2.5–3	Qbt 3	Nickel	5.9	mg/kg	None
West canyon	21-11263	MD21-01-0194	2.5–3	Qbt 3	Potassium	1220	mg/kg	None
West canyon	21-11263	MD21-01-0194	2.5–3	Qbt 3	Selenium	0.28	mg/kg	J
West canyon	21-11263	MD21-01-0194	2.5–3	Qbt 3	Silver	0.55	mg/kg	U
West canyon	21-11263	MD21-01-0194	2.5–3	Qbt 3	Sodium	126	mg/kg	J
West canyon	21-11263	MD21-01-0194	2.5–3	Qbt 3	Thallium	0.18	mg/kg	J
West canyon	21-11263	MD21-01-0194	2.5–3	Qbt 3	Vanadium	17.6	mg/kg	None
West canyon	21-11263	MD21-01-0194	2.5–3	Qbt 3	Zinc	36.3	mg/kg	None
West canyon	21-11263	MD21-01-0194	2.5–3	Qbt 3	Acenaphthylene	0.41	mg/kg	UJ

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11263	MD21-01-0194	2.5–3	Qbt 3	Aniline	0.41	mg/kg	R
West canyon	21-11263	MD21-01-0194	2.5–3	Qbt 3	Azobenzene	0.41	mg/kg	U
West canyon	21-11263	MD21-01-0194	2.5–3	Qbt 3	Benzo(g,h,i)perylene	0.41	mg/kg	U
West canyon	21-11263	MD21-01-0194	2.5–3	Qbt 3	Benzoic acid	2	mg/kg	UJ
West canyon	21-11263	MD21-01-0194	2.5–3	Qbt 3	Benzyl alcohol	0.41	mg/kg	R
West canyon	21-11263	MD21-01-0194	2.5–3	Qbt 3	Bis(2-chloroethoxy)methane	0.41	mg/kg	R
West canyon	21-11263	MD21-01-0194	2.5–3	Qbt 3	Bis(2-chloroethyl)ether	0.41	mg/kg	R
West canyon	21-11263	MD21-01-0194	2.5–3	Qbt 3	Bis(2-ethylhexyl)phthalate	0.41	mg/kg	U
West canyon	21-11263	MD21-01-0194	2.5–3	Qbt 3	Bromophenyl-phenylether[4-]	0.41	mg/kg	U
West canyon	21-11263	MD21-01-0194	2.5–3	Qbt 3	Butylbenzylphthalate	0.41	mg/kg	U
West canyon	21-11263	MD21-01-0194	2.5–3	Qbt 3	Chloro-3-methylphenol[4-]	0.41	mg/kg	UJ
West canyon	21-11263	MD21-01-0194	2.5–3	Qbt 3	Chloroaniline[4-]	0.41	mg/kg	R
West canyon	21-11263	MD21-01-0194	2.5–3	Qbt 3	Chloronaphthalene[2-]	0.41	mg/kg	UJ
West canyon	21-11263	MD21-01-0194	2.5–3	Qbt 3	Chlorophenol[2-]	0.41	mg/kg	R
West canyon	21-11263	MD21-01-0194	2.5–3	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.41	mg/kg	UJ
West canyon	21-11263	MD21-01-0194	2.5–3	Qbt 3	Di-n-butylphthalate	0.41	mg/kg	U
West canyon	21-11263	MD21-01-0194	2.5–3	Qbt 3	Di-n-octylphthalate	0.41	mg/kg	U
West canyon	21-11263	MD21-01-0194	2.5–3	Qbt 3	Dibenzofuran	0.41	mg/kg	UJ
West canyon	21-11263	MD21-01-0194	2.5–3	Qbt 3	Dichlorobenzene[1,2-]	0.41	mg/kg	R
West canyon	21-11263	MD21-01-0194	2.5–3	Qbt 3	Dichlorobenzene[1,3-]	0.41	mg/kg	R
West canyon	21-11263	MD21-01-0194	2.5–3	Qbt 3	Dichlorobenzene[1,4-]	0.41	mg/kg	R
West canyon	21-11263	MD21-01-0194	2.5–3	Qbt 3	Dichlorobenzidine[3,3'-]	2	mg/kg	U
West canyon	21-11263	MD21-01-0194	2.5–3	Qbt 3	Dichlorophenol[2,4-]	0.41	mg/kg	UJ
West canyon	21-11263	MD21-01-0194	2.5–3	Qbt 3	Diethylphthalate	0.41	mg/kg	UJ
West canyon	21-11263	MD21-01-0194	2.5–3	Qbt 3	Dimethyl phthalate	0.41	mg/kg	UJ
West canyon	21-11263	MD21-01-0194	2.5–3	Qbt 3	Dimethylphenol[2,4-]	0.41	mg/kg	UJ
West canyon	21-11263	MD21-01-0194	2.5–3	Qbt 3	Dinitro-2-methylphenol[4,6-]	2	mg/kg	R
West canyon	21-11263	MD21-01-0194	2.5–3	Qbt 3	Dinitrophenol[2,4-]	2	mg/kg	U
West canyon	21-11263	MD21-01-0194	2.5–3	Qbt 3	Dinitrotoluene[2,4-]	0.41	mg/kg	UJ
West canyon	21-11263	MD21-01-0194	2.5–3	Qbt 3	Dinitrotoluene[2,6-]	0.41	mg/kg	UJ
West canyon	21-11263	MD21-01-0194	2.5–3	Qbt 3	Hexachlorobenzene	0.41	mg/kg	U
West canyon	21-11263	MD21-01-0194	2.5–3	Qbt 3	Hexachlorobutadiene	0.41	mg/kg	R
West canyon	21-11263	MD21-01-0194	2.5–3	Qbt 3	Hexachlorocyclopentadiene	2	mg/kg	UJ
West canyon	21-11263	MD21-01-0194	2.5–3	Qbt 3	Hexachloroethane	0.41	mg/kg	R
West canyon	21-11263	MD21-01-0194	2.5–3	Qbt 3	Indeno(1,2,3-cd)pyrene	0.41	mg/kg	U
West canyon	21-11263	MD21-01-0194	2.5–3	Qbt 3	Isophorone	0.41	mg/kg	R
West canyon	21-11263	MD21-01-0194	2.5–3	Qbt 3	Methylphenol[2-]	0.41	mg/kg	R
West canyon	21-11263	MD21-01-0194	2.5–3	Qbt 3	Methylphenol[4-]	0.41	mg/kg	R
West canyon	21-11263	MD21-01-0194	2.5–3	Qbt 3	Nitroaniline[2-]	2	mg/kg	UJ

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11263	MD21-01-0194	2.5–3	Qbt 3	Nitroaniline[3-]	2	mg/kg	UJ
West canyon	21-11263	MD21-01-0194	2.5–3	Qbt 3	Nitroaniline[4-]	2	mg/kg	UJ
West canyon	21-11263	MD21-01-0194	2.5–3	Qbt 3	Nitrobenzene	0.41	mg/kg	R
West canyon	21-11263	MD21-01-0194	2.5–3	Qbt 3	Nitrophenol[2-]	0.41	mg/kg	UJ
West canyon	21-11263	MD21-01-0194	2.5–3	Qbt 3	Nitrophenol[4-]	2	mg/kg	U
West canyon	21-11263	MD21-01-0194	2.5–3	Qbt 3	Nitroso-di-n-propylamine[N-]	0.41	mg/kg	R
West canyon	21-11263	MD21-01-0194	2.5–3	Qbt 3	Nitrosodimethylamine[N-]	0.41	mg/kg	R
West canyon	21-11263	MD21-01-0194	2.5–3	Qbt 3	Nitrosodiphenylamine[N-]	0.41	mg/kg	U
West canyon	21-11263	MD21-01-0194	2.5–3	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.41	mg/kg	R
West canyon	21-11263	MD21-01-0194	2.5–3	Qbt 3	Pentachlorophenol	2	mg/kg	R
West canyon	21-11263	MD21-01-0194	2.5–3	Qbt 3	Phenol	0.41	mg/kg	R
West canyon	21-11263	MD21-01-0194	2.5–3	Qbt 3	Trichlorobenzene[1,2,4-]	0.41	mg/kg	R
West canyon	21-11263	MD21-01-0194	2.5–3	Qbt 3	Trichlorophenol[2,4,5-]	0.41	mg/kg	U
West canyon	21-11263	MD21-01-0194	2.5–3	Qbt 3	Trichlorophenol[2,4,6-]	0.41	mg/kg	U
West canyon	21-11263	MD21-01-0194	2.5–3	Qbt 3	Trimethylbenzene[1,2,4-]	0.0086	mg/kg	J+
West canyon	21-11263	MD21-01-0194	2.5–3	Qbt 3	Trimethylbenzene[1,3,5-]	0.0036	mg/kg	J+
West canyon	21-11263	MD21-01-0195	2.5–3	Qbt 3	Aluminum	5170	mg/kg	None
West canyon	21-11263	MD21-01-0195	2.5–3	Qbt 3	Antimony	0.93	mg/kg	U
West canyon	21-11263	MD21-01-0195	2.5–3	Qbt 3	Arsenic	1	mg/kg	J-
West canyon	21-11263	MD21-01-0195	2.5–3	Qbt 3	Barium	155	mg/kg	None
West canyon	21-11263	MD21-01-0195	2.5–3	Qbt 3	Beryllium	0.43	mg/kg	J
West canyon	21-11263	MD21-01-0195	2.5–3	Qbt 3	Cadmium	0.14	mg/kg	J
West canyon	21-11263	MD21-01-0195	2.5–3	Qbt 3	Calcium	1230	mg/kg	None
West canyon	21-11263	MD21-01-0195	2.5–3	Qbt 3	Chromium, total	5.9	mg/kg	None
West canyon	21-11263	MD21-01-0195	2.5–3	Qbt 3	Cobalt	5.3	mg/kg	J
West canyon	21-11263	MD21-01-0195	2.5–3	Qbt 3	Copper	5.5	mg/kg	None
West canyon	21-11263	MD21-01-0195	2.5–3	Qbt 3	Iron	5870	mg/kg	None
West canyon	21-11263	MD21-01-0195	2.5–3	Qbt 3	Magnesium	621	mg/kg	None
West canyon	21-11263	MD21-01-0195	2.5–3	Qbt 3	Manganese	264	mg/kg	None
West canyon	21-11263	MD21-01-0195	2.5–3	Qbt 3	Mercury	0.035	mg/kg	J
West canyon	21-11263	MD21-01-0195	2.5–3	Qbt 3	Nickel	5.3	mg/kg	None
West canyon	21-11263	MD21-01-0195	2.5–3	Qbt 3	Potassium	760	mg/kg	None
West canyon	21-11263	MD21-01-0195	2.5–3	Qbt 3	Selenium	0.24	mg/kg	U
West canyon	21-11263	MD21-01-0195	2.5–3	Qbt 3	Silver	0.54	mg/kg	U
West canyon	21-11263	MD21-01-0195	2.5–3	Qbt 3	Sodium	73.1	mg/kg	J
West canyon	21-11263	MD21-01-0195	2.5–3	Qbt 3	Thallium	0.13	mg/kg	J
West canyon	21-11263	MD21-01-0195	2.5–3	Qbt 3	Vanadium	11.7	mg/kg	None
West canyon	21-11263	MD21-01-0195	2.5–3	Qbt 3	Zinc	32.5	mg/kg	None
West canyon	21-11263	MD21-01-0195	2.5–3	Qbt 3	Acenaphthylene	0.42	mg/kg	UJ

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11263	MD21-01-0195	2.5–3	Qbt 3	Aniline	0.42	mg/kg	R
West canyon	21-11263	MD21-01-0195	2.5–3	Qbt 3	Azobenzene	0.42	mg/kg	U
West canyon	21-11263	MD21-01-0195	2.5–3	Qbt 3	Benzo(g,h,i)perylene	0.42	mg/kg	U
West canyon	21-11263	MD21-01-0195	2.5–3	Qbt 3	Benzoic acid	2.1	mg/kg	UJ
West canyon	21-11263	MD21-01-0195	2.5–3	Qbt 3	Benzyl alcohol	0.42	mg/kg	R
West canyon	21-11263	MD21-01-0195	2.5–3	Qbt 3	Bis(2-chloroethoxy)methane	0.42	mg/kg	R
West canyon	21-11263	MD21-01-0195	2.5–3	Qbt 3	Bis(2-chloroethyl)ether	0.42	mg/kg	R
West canyon	21-11263	MD21-01-0195	2.5–3	Qbt 3	Bis(2-ethylhexyl)phthalate	0.42	mg/kg	U
West canyon	21-11263	MD21-01-0195	2.5–3	Qbt 3	Bromophenyl-phenylether[4-]	0.42	mg/kg	U
West canyon	21-11263	MD21-01-0195	2.5–3	Qbt 3	Butylbenzylphthalate	0.42	mg/kg	U
West canyon	21-11263	MD21-01-0195	2.5–3	Qbt 3	Chloro-3-methylphenol[4-]	0.42	mg/kg	UJ
West canyon	21-11263	MD21-01-0195	2.5–3	Qbt 3	Chloroaniline[4-]	0.42	mg/kg	R
West canyon	21-11263	MD21-01-0195	2.5–3	Qbt 3	Chloronaphthalene[2-]	0.42	mg/kg	UJ
West canyon	21-11263	MD21-01-0195	2.5–3	Qbt 3	Chlorophenol[2-]	0.42	mg/kg	R
West canyon	21-11263	MD21-01-0195	2.5–3	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.42	mg/kg	UJ
West canyon	21-11263	MD21-01-0195	2.5–3	Qbt 3	Di-n-butylphthalate	0.42	mg/kg	U
West canyon	21-11263	MD21-01-0195	2.5–3	Qbt 3	Di-n-octylphthalate	0.42	mg/kg	U
West canyon	21-11263	MD21-01-0195	2.5–3	Qbt 3	Dibenzofuran	0.42	mg/kg	UJ
West canyon	21-11263	MD21-01-0195	2.5–3	Qbt 3	Dichlorobenzene[1,2-]	0.42	mg/kg	R
West canyon	21-11263	MD21-01-0195	2.5–3	Qbt 3	Dichlorobenzene[1,3-]	0.42	mg/kg	R
West canyon	21-11263	MD21-01-0195	2.5–3	Qbt 3	Dichlorobenzene[1,4-]	0.42	mg/kg	R
West canyon	21-11263	MD21-01-0195	2.5–3	Qbt 3	Dichlorobenzidine[3,3'-]	2.1	mg/kg	U
West canyon	21-11263	MD21-01-0195	2.5–3	Qbt 3	Dichlorophenol[2,4-]	0.42	mg/kg	UJ
West canyon	21-11263	MD21-01-0195	2.5–3	Qbt 3	Diethylphthalate	0.42	mg/kg	UJ
West canyon	21-11263	MD21-01-0195	2.5–3	Qbt 3	Dimethyl phthalate	0.42	mg/kg	UJ
West canyon	21-11263	MD21-01-0195	2.5–3	Qbt 3	Dimethylphenol[2,4-]	0.42	mg/kg	UJ
West canyon	21-11263	MD21-01-0195	2.5–3	Qbt 3	Dinitro-2-methylphenol[4,6-]	2.1	mg/kg	R
West canyon	21-11263	MD21-01-0195	2.5–3	Qbt 3	Dinitrophenol[2,4-]	2.1	mg/kg	U
West canyon	21-11263	MD21-01-0195	2.5–3	Qbt 3	Dinitrotoluene[2,4-]	0.42	mg/kg	UJ
West canyon	21-11263	MD21-01-0195	2.5–3	Qbt 3	Dinitrotoluene[2,6-]	0.42	mg/kg	UJ
West canyon	21-11263	MD21-01-0195	2.5–3	Qbt 3	Hexachlorobenzene	0.42	mg/kg	U
West canyon	21-11263	MD21-01-0195	2.5–3	Qbt 3	Hexachlorobutadiene	0.42	mg/kg	R
West canyon	21-11263	MD21-01-0195	2.5–3	Qbt 3	Hexachlorocyclopentadiene	2.1	mg/kg	UJ
West canyon	21-11263	MD21-01-0195	2.5–3	Qbt 3	Hexachloroethane	0.42	mg/kg	R
West canyon	21-11263	MD21-01-0195	2.5–3	Qbt 3	Indeno(1,2,3-cd)pyrene	0.42	mg/kg	U
West canyon	21-11263	MD21-01-0195	2.5–3	Qbt 3	Isophorone	0.42	mg/kg	R
West canyon	21-11263	MD21-01-0195	2.5–3	Qbt 3	Methylphenol[2-]	0.42	mg/kg	R
West canyon	21-11263	MD21-01-0195	2.5–3	Qbt 3	Methylphenol[4-]	0.42	mg/kg	R
West canyon	21-11263	MD21-01-0195	2.5–3	Qbt 3	Nitroaniline[2-]	2.1	mg/kg	UJ

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11263	MD21-01-0195	2.5–3	Qbt 3	Nitroaniline[3-]	2.1	mg/kg	UJ
West canyon	21-11263	MD21-01-0195	2.5–3	Qbt 3	Nitroaniline[4-]	2.1	mg/kg	UJ
West canyon	21-11263	MD21-01-0195	2.5–3	Qbt 3	Nitrobenzene	0.42	mg/kg	R
West canyon	21-11263	MD21-01-0195	2.5–3	Qbt 3	Nitrophenol[2-]	0.42	mg/kg	UJ
West canyon	21-11263	MD21-01-0195	2.5–3	Qbt 3	Nitrophenol[4-]	2.1	mg/kg	U
West canyon	21-11263	MD21-01-0195	2.5–3	Qbt 3	Nitroso-di-n-propylamine[N-]	0.42	mg/kg	R
West canyon	21-11263	MD21-01-0195	2.5–3	Qbt 3	Nitrosodimethylamine[N-]	0.42	mg/kg	R
West canyon	21-11263	MD21-01-0195	2.5–3	Qbt 3	Nitrosodiphenylamine[N-]	0.42	mg/kg	U
West canyon	21-11263	MD21-01-0195	2.5–3	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.42	mg/kg	R
West canyon	21-11263	MD21-01-0195	2.5–3	Qbt 3	Pentachlorophenol	2.1	mg/kg	R
West canyon	21-11263	MD21-01-0195	2.5–3	Qbt 3	Phenol	0.42	mg/kg	R
West canyon	21-11263	MD21-01-0195	2.5–3	Qbt 3	Trichlorobenzene[1,2,4-]	0.42	mg/kg	R
West canyon	21-11263	MD21-01-0195	2.5–3	Qbt 3	Trichlorophenol[2,4,5-]	0.42	mg/kg	U
West canyon	21-11263	MD21-01-0195	2.5–3	Qbt 3	Trichlorophenol[2,4,6-]	0.42	mg/kg	U
West canyon	21-11263	MD21-01-0195	2.5–3	Qbt 3	Trimethylbenzene[1,2,4-]	0.054	mg/kg	J+
West canyon	21-11263	MD21-01-0195	2.5–3	Qbt 3	Trimethylbenzene[1,3,5-]	0.0051	mg/kg	UJ
West canyon	21-11263	MD21-01-0196	4.5–5	Qbt 3	Aluminum	10800	mg/kg	None
West canyon	21-11263	MD21-01-0196	4.5–5	Qbt 3	Antimony	0.92	mg/kg	U
West canyon	21-11263	MD21-01-0196	4.5–5	Qbt 3	Arsenic	1.2	mg/kg	J-
West canyon	21-11263	MD21-01-0196	4.5–5	Qbt 3	Barium	102	mg/kg	None
West canyon	21-11263	MD21-01-0196	4.5–5	Qbt 3	Beryllium	0.96	mg/kg	None
West canyon	21-11263	MD21-01-0196	4.5–5	Qbt 3	Cadmium	0.092	mg/kg	J
West canyon	21-11263	MD21-01-0196	4.5–5	Qbt 3	Calcium	1410	mg/kg	None
West canyon	21-11263	MD21-01-0196	4.5–5	Qbt 3	Chromium, total	12.7	mg/kg	None
West canyon	21-11263	MD21-01-0196	4.5–5	Qbt 3	Cobalt	3.5	mg/kg	J
West canyon	21-11263	MD21-01-0196	4.5–5	Qbt 3	Copper	34.8	mg/kg	None
West canyon	21-11263	MD21-01-0196	4.5–5	Qbt 3	Iron	11000	mg/kg	None
West canyon	21-11263	MD21-01-0196	4.5–5	Qbt 3	Magnesium	1210	mg/kg	None
West canyon	21-11263	MD21-01-0196	4.5–5	Qbt 3	Manganese	269	mg/kg	None
West canyon	21-11263	MD21-01-0196	4.5–5	Qbt 3	Mercury	0.02	mg/kg	U
West canyon	21-11263	MD21-01-0196	4.5–5	Qbt 3	Nickel	13.2	mg/kg	None
West canyon	21-11263	MD21-01-0196	4.5–5	Qbt 3	Potassium	908	mg/kg	None
West canyon	21-11263	MD21-01-0196	4.5–5	Qbt 3	Selenium	0.23	mg/kg	U
West canyon	21-11263	MD21-01-0196	4.5–5	Qbt 3	Silver	0.8	mg/kg	J
West canyon	21-11263	MD21-01-0196	4.5–5	Qbt 3	Sodium	173	mg/kg	J
West canyon	21-11263	MD21-01-0196	4.5–5	Qbt 3	Thallium	0.14	mg/kg	J
West canyon	21-11263	MD21-01-0196	4.5–5	Qbt 3	Vanadium	8.8	mg/kg	None
West canyon	21-11263	MD21-01-0196	4.5–5	Qbt 3	Zinc	66.7	mg/kg	None
West canyon	21-11263	MD21-01-0196	4.5–5	Qbt 3	Acenaphthylene	0.38	mg/kg	UJ

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11263	MD21-01-0196	4.5–5	Qbt 3	Aniline	0.38	mg/kg	R
West canyon	21-11263	MD21-01-0196	4.5–5	Qbt 3	Azobenzene	0.38	mg/kg	U
West canyon	21-11263	MD21-01-0196	4.5–5	Qbt 3	Benzo(g,h,i)perylene	0.38	mg/kg	U
West canyon	21-11263	MD21-01-0196	4.5–5	Qbt 3	Benzoic acid	1.9	mg/kg	R
West canyon	21-11263	MD21-01-0196	4.5–5	Qbt 3	Benzyl alcohol	0.38	mg/kg	R
West canyon	21-11263	MD21-01-0196	4.5–5	Qbt 3	Bis(2-chloroethoxy)methane	0.38	mg/kg	R
West canyon	21-11263	MD21-01-0196	4.5–5	Qbt 3	Bis(2-chloroethyl)ether	0.38	mg/kg	R
West canyon	21-11263	MD21-01-0196	4.5–5	Qbt 3	Bis(2-ethylhexyl)phthalate	0.38	mg/kg	U
West canyon	21-11263	MD21-01-0196	4.5–5	Qbt 3	Bromophenyl-phenylether[4-]	0.38	mg/kg	U
West canyon	21-11263	MD21-01-0196	4.5–5	Qbt 3	Butylbenzylphthalate	0.38	mg/kg	U
West canyon	21-11263	MD21-01-0196	4.5–5	Qbt 3	Chloro-3-methylphenol[4-]	0.38	mg/kg	R
West canyon	21-11263	MD21-01-0196	4.5–5	Qbt 3	Chloroaniline[4-]	0.38	mg/kg	R
West canyon	21-11263	MD21-01-0196	4.5–5	Qbt 3	Chloronaphthalene[2-]	0.38	mg/kg	UJ
West canyon	21-11263	MD21-01-0196	4.5–5	Qbt 3	Chlorophenol[2-]	0.38	mg/kg	R
West canyon	21-11263	MD21-01-0196	4.5–5	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.38	mg/kg	UJ
West canyon	21-11263	MD21-01-0196	4.5–5	Qbt 3	Di-n-butylphthalate	0.38	mg/kg	U
West canyon	21-11263	MD21-01-0196	4.5–5	Qbt 3	Di-n-octylphthalate	0.38	mg/kg	U
West canyon	21-11263	MD21-01-0196	4.5–5	Qbt 3	Dibenzofuran	0.38	mg/kg	UJ
West canyon	21-11263	MD21-01-0196	4.5–5	Qbt 3	Dichlorobenzene[1,2-]	0.38	mg/kg	R
West canyon	21-11263	MD21-01-0196	4.5–5	Qbt 3	Dichlorobenzene[1,3-]	0.38	mg/kg	R
West canyon	21-11263	MD21-01-0196	4.5–5	Qbt 3	Dichlorobenzene[1,4-]	0.38	mg/kg	R
West canyon	21-11263	MD21-01-0196	4.5–5	Qbt 3	Dichlorobenzidine[3,3'-]	1.9	mg/kg	U
West canyon	21-11263	MD21-01-0196	4.5–5	Qbt 3	Dichlorophenol[2,4-]	0.38	mg/kg	R
West canyon	21-11263	MD21-01-0196	4.5–5	Qbt 3	Diethylphthalate	0.38	mg/kg	UJ
West canyon	21-11263	MD21-01-0196	4.5–5	Qbt 3	Dimethyl phthalate	0.38	mg/kg	UJ
West canyon	21-11263	MD21-01-0196	4.5–5	Qbt 3	Dimethylphenol[2,4-]	0.38	mg/kg	R
West canyon	21-11263	MD21-01-0196	4.5–5	Qbt 3	Dinitro-2-methylphenol[4,6-]	1.9	mg/kg	R
West canyon	21-11263	MD21-01-0196	4.5–5	Qbt 3	Dinitrophenol[2,4-]	1.9	mg/kg	R
West canyon	21-11263	MD21-01-0196	4.5–5	Qbt 3	Dinitrotoluene[2,4-]	0.38	mg/kg	UJ
West canyon	21-11263	MD21-01-0196	4.5–5	Qbt 3	Dinitrotoluene[2,6-]	0.38	mg/kg	UJ
West canyon	21-11263	MD21-01-0196	4.5–5	Qbt 3	Hexachlorobenzene	0.38	mg/kg	U
West canyon	21-11263	MD21-01-0196	4.5–5	Qbt 3	Hexachlorobutadiene	0.38	mg/kg	R
West canyon	21-11263	MD21-01-0196	4.5–5	Qbt 3	Hexachlorocyclopentadiene	1.9	mg/kg	UJ
West canyon	21-11263	MD21-01-0196	4.5–5	Qbt 3	Hexachloroethane	0.38	mg/kg	R
West canyon	21-11263	MD21-01-0196	4.5–5	Qbt 3	Indeno(1,2,3-cd)pyrene	0.38	mg/kg	U
West canyon	21-11263	MD21-01-0196	4.5–5	Qbt 3	Isophorone	0.38	mg/kg	R
West canyon	21-11263	MD21-01-0196	4.5–5	Qbt 3	Methylphenol[2-]	0.38	mg/kg	R
West canyon	21-11263	MD21-01-0196	4.5–5	Qbt 3	Methylphenol[4-]	0.38	mg/kg	R
West canyon	21-11263	MD21-01-0196	4.5–5	Qbt 3	Nitroaniline[2-]	1.9	mg/kg	UJ

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11263	MD21-01-0196	4.5–5	Qbt 3	Nitroaniline[3-]	1.9	mg/kg	UJ
West canyon	21-11263	MD21-01-0196	4.5–5	Qbt 3	Nitroaniline[4-]	1.9	mg/kg	UJ
West canyon	21-11263	MD21-01-0196	4.5–5	Qbt 3	Nitrobenzene	0.38	mg/kg	R
West canyon	21-11263	MD21-01-0196	4.5–5	Qbt 3	Nitrophenol[2-]	0.38	mg/kg	R
West canyon	21-11263	MD21-01-0196	4.5–5	Qbt 3	Nitrophenol[4-]	1.9	mg/kg	R
West canyon	21-11263	MD21-01-0196	4.5–5	Qbt 3	Nitroso-di-n-propylamine[N-]	0.38	mg/kg	R
West canyon	21-11263	MD21-01-0196	4.5–5	Qbt 3	Nitrosodimethylamine[N-]	0.38	mg/kg	R
West canyon	21-11263	MD21-01-0196	4.5–5	Qbt 3	Nitrosodiphenylamine[N-]	0.38	mg/kg	U
West canyon	21-11263	MD21-01-0196	4.5–5	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.38	mg/kg	R
West canyon	21-11263	MD21-01-0196	4.5–5	Qbt 3	Pentachlorophenol	1.9	mg/kg	R
West canyon	21-11263	MD21-01-0196	4.5–5	Qbt 3	Phenol	0.38	mg/kg	R
West canyon	21-11263	MD21-01-0196	4.5–5	Qbt 3	Trichlorobenzene[1,2,4-]	0.38	mg/kg	R
West canyon	21-11263	MD21-01-0196	4.5–5	Qbt 3	Trichlorophenol[2,4,5-]	0.38	mg/kg	R
West canyon	21-11263	MD21-01-0196	4.5–5	Qbt 3	Trichlorophenol[2,4,6-]	0.38	mg/kg	R
West canyon	21-11263	MD21-01-0196	4.5–5	Qbt 3	Trimethylbenzene[1,2,4-]	8.2	mg/kg	J+
West canyon	21-11263	MD21-01-0196	4.5–5	Qbt 3	Trimethylbenzene[1,3,5-]	0.0053	mg/kg	UJ
West canyon	21-11263	MD21-01-0197	5.9–6.3	Qbt 3	Aluminum	10600	mg/kg	None
West canyon	21-11263	MD21-01-0197	5.9–6.3	Qbt 3	Antimony	0.93	mg/kg	U
West canyon	21-11263	MD21-01-0197	5.9–6.3	Qbt 3	Arsenic	1.2	mg/kg	J-
West canyon	21-11263	MD21-01-0197	5.9–6.3	Qbt 3	Barium	73.5	mg/kg	None
West canyon	21-11263	MD21-01-0197	5.9–6.3	Qbt 3	Beryllium	0.82	mg/kg	None
West canyon	21-11263	MD21-01-0197	5.9–6.3	Qbt 3	Cadmium	0.089	mg/kg	J
West canyon	21-11263	MD21-01-0197	5.9–6.3	Qbt 3	Calcium	1390	mg/kg	None
West canyon	21-11263	MD21-01-0197	5.9–6.3	Qbt 3	Chromium, total	6.3	mg/kg	None
West canyon	21-11263	MD21-01-0197	5.9–6.3	Qbt 3	Cobalt	3	mg/kg	J
West canyon	21-11263	MD21-01-0197	5.9–6.3	Qbt 3	Copper	16.8	mg/kg	None
West canyon	21-11263	MD21-01-0197	5.9–6.3	Qbt 3	Iron	11200	mg/kg	None
West canyon	21-11263	MD21-01-0197	5.9–6.3	Qbt 3	Magnesium	1370	mg/kg	None
West canyon	21-11263	MD21-01-0197	5.9–6.3	Qbt 3	Manganese	238	mg/kg	J
West canyon	21-11263	MD21-01-0197	5.9–6.3	Qbt 3	Mercury	0.02	mg/kg	U
West canyon	21-11263	MD21-01-0197	5.9–6.3	Qbt 3	Nickel	9.4	mg/kg	None
West canyon	21-11263	MD21-01-0197	5.9–6.3	Qbt 3	Potassium	789	mg/kg	None
West canyon	21-11263	MD21-01-0197	5.9–6.3	Qbt 3	Selenium	0.23	mg/kg	U
West canyon	21-11263	MD21-01-0197	5.9–6.3	Qbt 3	Silver	0.53	mg/kg	U
West canyon	21-11263	MD21-01-0197	5.9–6.3	Qbt 3	Sodium	169	mg/kg	J
West canyon	21-11263	MD21-01-0197	5.9–6.3	Qbt 3	Thallium	0.12	mg/kg	J
West canyon	21-11263	MD21-01-0197	5.9–6.3	Qbt 3	Vanadium	8.6	mg/kg	None
West canyon	21-11263	MD21-01-0197	5.9–6.3	Qbt 3	Zinc	46.9	mg/kg	None
West canyon	21-11263	MD21-01-0197	5.9–6.3	Qbt 3	Acenaphthylene	0.39	mg/kg	UJ

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11263	MD21-01-0197	5.9–6.3	Qbt 3	Aniline	0.39	mg/kg	R
West canyon	21-11263	MD21-01-0197	5.9–6.3	Qbt 3	Azobenzene	0.39	mg/kg	U
West canyon	21-11263	MD21-01-0197	5.9–6.3	Qbt 3	Benzo(g,h,i)perylene	0.39	mg/kg	U
West canyon	21-11263	MD21-01-0197	5.9–6.3	Qbt 3	Benzoic acid	1.9	mg/kg	UJ
West canyon	21-11263	MD21-01-0197	5.9–6.3	Qbt 3	Benzyl alcohol	0.39	mg/kg	R
West canyon	21-11263	MD21-01-0197	5.9–6.3	Qbt 3	Bis(2-chloroethoxy)methane	0.39	mg/kg	R
West canyon	21-11263	MD21-01-0197	5.9–6.3	Qbt 3	Bis(2-chloroethyl)ether	0.39	mg/kg	R
West canyon	21-11263	MD21-01-0197	5.9–6.3	Qbt 3	Bis(2-ethylhexyl)phthalate	0.39	mg/kg	U
West canyon	21-11263	MD21-01-0197	5.9–6.3	Qbt 3	Bromophenyl-phenylether[4-]	0.39	mg/kg	U
West canyon	21-11263	MD21-01-0197	5.9–6.3	Qbt 3	Butylbenzylphthalate	0.39	mg/kg	U
West canyon	21-11263	MD21-01-0197	5.9–6.3	Qbt 3	Chloro-3-methylphenol[4-]	0.39	mg/kg	UJ
West canyon	21-11263	MD21-01-0197	5.9–6.3	Qbt 3	Chloroaniline[4-]	0.39	mg/kg	R
West canyon	21-11263	MD21-01-0197	5.9–6.3	Qbt 3	Chloronaphthalene[2-]	0.39	mg/kg	UJ
West canyon	21-11263	MD21-01-0197	5.9–6.3	Qbt 3	Chlorophenol[2-]	0.39	mg/kg	R
West canyon	21-11263	MD21-01-0197	5.9–6.3	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.39	mg/kg	UJ
West canyon	21-11263	MD21-01-0197	5.9–6.3	Qbt 3	Di-n-butylphthalate	0.39	mg/kg	U
West canyon	21-11263	MD21-01-0197	5.9–6.3	Qbt 3	Di-n-octylphthalate	0.39	mg/kg	U
West canyon	21-11263	MD21-01-0197	5.9–6.3	Qbt 3	Dibenzofuran	0.39	mg/kg	UJ
West canyon	21-11263	MD21-01-0197	5.9–6.3	Qbt 3	Dichlorobenzene[1,2-]	0.39	mg/kg	R
West canyon	21-11263	MD21-01-0197	5.9–6.3	Qbt 3	Dichlorobenzene[1,3-]	0.39	mg/kg	R
West canyon	21-11263	MD21-01-0197	5.9–6.3	Qbt 3	Dichlorobenzene[1,4-]	0.39	mg/kg	R
West canyon	21-11263	MD21-01-0197	5.9–6.3	Qbt 3	Dichlorobenzidine[3,3'-]	1.9	mg/kg	U
West canyon	21-11263	MD21-01-0197	5.9–6.3	Qbt 3	Dichlorophenol[2,4-]	0.39	mg/kg	UJ
West canyon	21-11263	MD21-01-0197	5.9–6.3	Qbt 3	Diethylphthalate	0.39	mg/kg	UJ
West canyon	21-11263	MD21-01-0197	5.9–6.3	Qbt 3	Dimethyl phthalate	0.39	mg/kg	UJ
West canyon	21-11263	MD21-01-0197	5.9–6.3	Qbt 3	Dimethylphenol[2,4-]	0.39	mg/kg	UJ
West canyon	21-11263	MD21-01-0197	5.9–6.3	Qbt 3	Dinitro-2-methylphenol[4,6-]	1.9	mg/kg	R
West canyon	21-11263	MD21-01-0197	5.9–6.3	Qbt 3	Dinitrophenol[2,4-]	1.9	mg/kg	U
West canyon	21-11263	MD21-01-0197	5.9–6.3	Qbt 3	Dinitrotoluene[2,4-]	0.39	mg/kg	UJ
West canyon	21-11263	MD21-01-0197	5.9–6.3	Qbt 3	Dinitrotoluene[2,6-]	0.39	mg/kg	UJ
West canyon	21-11263	MD21-01-0197	5.9–6.3	Qbt 3	Hexachlorobenzene	0.39	mg/kg	U
West canyon	21-11263	MD21-01-0197	5.9–6.3	Qbt 3	Hexachlorobutadiene	0.39	mg/kg	R
West canyon	21-11263	MD21-01-0197	5.9–6.3	Qbt 3	Hexachlorocyclopentadiene	1.9	mg/kg	UJ
West canyon	21-11263	MD21-01-0197	5.9–6.3	Qbt 3	Hexachloroethane	0.39	mg/kg	R
West canyon	21-11263	MD21-01-0197	5.9–6.3	Qbt 3	Indeno(1,2,3-cd)pyrene	0.39	mg/kg	U
West canyon	21-11263	MD21-01-0197	5.9–6.3	Qbt 3	Isophorone	0.39	mg/kg	R
West canyon	21-11263	MD21-01-0197	5.9–6.3	Qbt 3	Methylphenol[2-]	0.39	mg/kg	R
West canyon	21-11263	MD21-01-0197	5.9–6.3	Qbt 3	Methylphenol[4-]	0.39	mg/kg	R
West canyon	21-11263	MD21-01-0197	5.9–6.3	Qbt 3	Nitroaniline[2-]	1.9	mg/kg	UJ

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11263	MD21-01-0197	5.9–6.3	Qbt 3	Nitroaniline[3-]	1.9	mg/kg	UJ
West canyon	21-11263	MD21-01-0197	5.9–6.3	Qbt 3	Nitroaniline[4-]	1.9	mg/kg	UJ
West canyon	21-11263	MD21-01-0197	5.9–6.3	Qbt 3	Nitrobenzene	0.39	mg/kg	R
West canyon	21-11263	MD21-01-0197	5.9–6.3	Qbt 3	Nitrophenol[2-]	0.39	mg/kg	UJ
West canyon	21-11263	MD21-01-0197	5.9–6.3	Qbt 3	Nitrophenol[4-]	1.9	mg/kg	U
West canyon	21-11263	MD21-01-0197	5.9–6.3	Qbt 3	Nitroso-di-n-propylamine[N-]	0.39	mg/kg	R
West canyon	21-11263	MD21-01-0197	5.9–6.3	Qbt 3	Nitrosodimethylamine[N-]	0.39	mg/kg	R
West canyon	21-11263	MD21-01-0197	5.9–6.3	Qbt 3	Nitrosodiphenylamine[N-]	0.39	mg/kg	U
West canyon	21-11263	MD21-01-0197	5.9–6.3	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.39	mg/kg	R
West canyon	21-11263	MD21-01-0197	5.9–6.3	Qbt 3	Pentachlorophenol	1.9	mg/kg	R
West canyon	21-11263	MD21-01-0197	5.9–6.3	Qbt 3	Phenol	0.39	mg/kg	R
West canyon	21-11263	MD21-01-0197	5.9–6.3	Qbt 3	Trichlorobenzene[1,2,4-]	0.39	mg/kg	R
West canyon	21-11263	MD21-01-0197	5.9–6.3	Qbt 3	Trichlorophenol[2,4,5-]	0.39	mg/kg	U
West canyon	21-11263	MD21-01-0197	5.9–6.3	Qbt 3	Trichlorophenol[2,4,6-]	0.39	mg/kg	U
West canyon	21-11263	MD21-01-0197	5.9–6.3	Qbt 3	Trimethylbenzene[1,2,4-]	0.065	mg/kg	J+
West canyon	21-11263	MD21-01-0197	5.9–6.3	Qbt 3	Trimethylbenzene[1,3,5-]	0.0054	mg/kg	UJ
West canyon	21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Aluminum	6380	mg/kg	None
West canyon	21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Antimony	0.86	mg/kg	U
West canyon	21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Arsenic	0.64	mg/kg	J-
West canyon	21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Barium	31.4	mg/kg	None
West canyon	21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Beryllium	0.8	mg/kg	None
West canyon	21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Cadmium	0.069	mg/kg	U
West canyon	21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Calcium	667	mg/kg	None
West canyon	21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Chromium, total	3.4	mg/kg	None
West canyon	21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Cobalt	1.5	mg/kg	J
West canyon	21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Copper	4	mg/kg	None
West canyon	21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Iron	9040	mg/kg	None
West canyon	21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Magnesium	588	mg/kg	None
West canyon	21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Manganese	206	mg/kg	None
West canyon	21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Mercury	0.018	mg/kg	U
West canyon	21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Nickel	4.3	mg/kg	J
West canyon	21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Potassium	582	mg/kg	None
West canyon	21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Selenium	0.22	mg/kg	U
West canyon	21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Silver	0.5	mg/kg	U
West canyon	21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Sodium	155	mg/kg	J
West canyon	21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Thallium	0.067	mg/kg	J
West canyon	21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Vanadium	4.9	mg/kg	J
West canyon	21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Zinc	45.1	mg/kg	None
West canyon	21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Acenaphthylene	0.36	mg/kg	UJ

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Aniline	0.36	mg/kg	UJ
West canyon	21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Azobenzene	0.36	mg/kg	UJ
West canyon	21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Benzo(g,h,i)perylene	0.36	mg/kg	UJ
West canyon	21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Benzoic acid	1.8	mg/kg	UJ
West canyon	21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Benzyl alcohol	0.36	mg/kg	UJ
West canyon	21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Bis(2-chloroethoxy)methane	0.36	mg/kg	UJ
West canyon	21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Bis(2-chloroethyl)ether	0.36	mg/kg	UJ
West canyon	21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Bis(2-ethylhexyl)phthalate	0.36	mg/kg	UJ
West canyon	21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Bromophenyl-phenylether[4-]	0.36	mg/kg	UJ
West canyon	21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Butylbenzylphthalate	0.36	mg/kg	UJ
West canyon	21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Chloro-3-methylphenol[4-]	0.36	mg/kg	UJ
West canyon	21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Chloroaniline[4-]	0.36	mg/kg	UJ
West canyon	21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Chloronaphthalene[2-]	0.36	mg/kg	UJ
West canyon	21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Chlorophenol[2-]	0.36	mg/kg	UJ
West canyon	21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.36	mg/kg	UJ
West canyon	21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Di-n-butylphthalate	0.36	mg/kg	UJ
West canyon	21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Di-n-octylphthalate	0.36	mg/kg	UJ
West canyon	21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Dibenzofuran	0.36	mg/kg	UJ
West canyon	21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Dichlorobenzene[1,2-]	0.36	mg/kg	UJ
West canyon	21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Dichlorobenzene[1,3-]	0.36	mg/kg	UJ
West canyon	21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Dichlorobenzene[1,4-]	0.36	mg/kg	UJ
West canyon	21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Dichlorobenzidine[3,3'-]	1.8	mg/kg	UJ
West canyon	21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Dichlorophenol[2,4-]	0.36	mg/kg	UJ
West canyon	21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Diethylphthalate	0.36	mg/kg	UJ
West canyon	21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Dimethyl phthalate	0.36	mg/kg	UJ
West canyon	21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Dimethylphenol[2,4-]	0.36	mg/kg	UJ
West canyon	21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Dinitro-2-methylphenol[4,6-]	1.8	mg/kg	UJ
West canyon	21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Dinitrophenol[2,4-]	1.8	mg/kg	UJ
West canyon	21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Dinitrotoluene[2,4-]	0.36	mg/kg	UJ
West canyon	21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Dinitrotoluene[2,6-]	0.36	mg/kg	UJ
West canyon	21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Hexachlorobenzene	0.36	mg/kg	UJ
West canyon	21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Hexachlorobutadiene	0.36	mg/kg	UJ
West canyon	21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Hexachlorocyclopentadiene	1.8	mg/kg	UJ
West canyon	21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Hexachloroethane	0.36	mg/kg	UJ
West canyon	21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Indeno(1,2,3-cd)pyrene	0.36	mg/kg	UJ
West canyon	21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Isophorone	0.36	mg/kg	UJ
West canyon	21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Methylphenol[2-]	0.36	mg/kg	UJ
West canyon	21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Methylphenol[4-]	0.36	mg/kg	UJ
West canyon	21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Nitroaniline[2-]	1.8	mg/kg	UJ

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Nitroaniline[3-]	1.8	mg/kg	UJ
West canyon	21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Nitroaniline[4-]	1.8	mg/kg	UJ
West canyon	21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Nitrobenzene	0.36	mg/kg	UJ
West canyon	21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Nitrophenol[2-]	0.36	mg/kg	UJ
West canyon	21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Nitrophenol[4-]	1.8	mg/kg	UJ
West canyon	21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Nitroso-di-n-propylamine[N-]	0.36	mg/kg	UJ
West canyon	21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Nitrosodimethylamine[N-]	0.36	mg/kg	UJ
West canyon	21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Nitrosodiphenylamine[N-]	0.36	mg/kg	UJ
West canyon	21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.36	mg/kg	UJ
West canyon	21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Pentachlorophenol	1.8	mg/kg	UJ
West canyon	21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Phenol	0.36	mg/kg	UJ
West canyon	21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Trichlorobenzene[1,2,4-]	0.36	mg/kg	UJ
West canyon	21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Trichlorophenol[2,4,5-]	0.36	mg/kg	UJ
West canyon	21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Trichlorophenol[2,4,6-]	0.36	mg/kg	UJ
West canyon	21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Chlorobenzene	0.0059	mg/kg	U
West canyon	21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Dichlorobenzene[1,4-]	0.0059	mg/kg	U
West canyon	21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Dichloroethene[1,1-]	0.0059	mg/kg	U
West canyon	21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Trichloroethene	0.0059	mg/kg	U
West canyon	21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Trimethylbenzene[1,2,4-]	4.4	mg/kg	None
West canyon	21-11263	MD21-01-0198	9.6–10.3	Qbt 3	Trimethylbenzene[1,3,5-]	1.8	mg/kg	None
West canyon	21-11263	MD21-01-0199	11.5–12	Qbt 3	Aluminum	4000	mg/kg	None
West canyon	21-11263	MD21-01-0199	11.5–12	Qbt 3	Antimony	0.89	mg/kg	U
West canyon	21-11263	MD21-01-0199	11.5–12	Qbt 3	Arsenic	0.73	mg/kg	J-
West canyon	21-11263	MD21-01-0199	11.5–12	Qbt 3	Barium	30	mg/kg	None
West canyon	21-11263	MD21-01-0199	11.5–12	Qbt 3	Beryllium	0.66	mg/kg	None
West canyon	21-11263	MD21-01-0199	11.5–12	Qbt 3	Cadmium	0.16	mg/kg	J
West canyon	21-11263	MD21-01-0199	11.5–12	Qbt 3	Calcium	467	mg/kg	J
West canyon	21-11263	MD21-01-0199	11.5–12	Qbt 3	Chromium, total	1.8	mg/kg	None
West canyon	21-11263	MD21-01-0199	11.5–12	Qbt 3	Cobalt	4.6	mg/kg	J
West canyon	21-11263	MD21-01-0199	11.5–12	Qbt 3	Copper	4.3	mg/kg	None
West canyon	21-11263	MD21-01-0199	11.5–12	Qbt 3	Iron	7380	mg/kg	None
West canyon	21-11263	MD21-01-0199	11.5–12	Qbt 3	Magnesium	397	mg/kg	J
West canyon	21-11263	MD21-01-0199	11.5–12	Qbt 3	Manganese	308	mg/kg	None
West canyon	21-11263	MD21-01-0199	11.5–12	Qbt 3	Mercury	0.019	mg/kg	U
West canyon	21-11263	MD21-01-0199	11.5–12	Qbt 3	Nickel	4.8	mg/kg	None
West canyon	21-11263	MD21-01-0199	11.5–12	Qbt 3	Potassium	507	mg/kg	J
West canyon	21-11263	MD21-01-0199	11.5–12	Qbt 3	Selenium	0.22	mg/kg	U
West canyon	21-11263	MD21-01-0199	11.5–12	Qbt 3	Silver	0.51	mg/kg	U
West canyon	21-11263	MD21-01-0199	11.5–12	Qbt 3	Sodium	122	mg/kg	J

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11263	MD21-01-0199	11.5–12	Qbt 3	Thallium	0.16	mg/kg	U
West canyon	21-11263	MD21-01-0199	11.5–12	Qbt 3	Vanadium	3.4	mg/kg	J
West canyon	21-11263	MD21-01-0199	11.5–12	Qbt 3	Zinc	40.8	mg/kg	None
West canyon	21-11263	MD21-01-0199	11.5–12	Qbt 3	Acenaphthylene	0.37	mg/kg	U
West canyon	21-11263	MD21-01-0199	11.5–12	Qbt 3	Aniline	0.37	mg/kg	U
West canyon	21-11263	MD21-01-0199	11.5–12	Qbt 3	Azobenzene	0.37	mg/kg	U
West canyon	21-11263	MD21-01-0199	11.5–12	Qbt 3	Benzo(g,h,i)perylene	0.37	mg/kg	U
West canyon	21-11263	MD21-01-0199	11.5–12	Qbt 3	Benzoic acid	1.8	mg/kg	U
West canyon	21-11263	MD21-01-0199	11.5–12	Qbt 3	Benzyl alcohol	0.37	mg/kg	U
West canyon	21-11263	MD21-01-0199	11.5–12	Qbt 3	Bis(2-chloroethoxy)methane	0.37	mg/kg	U
West canyon	21-11263	MD21-01-0199	11.5–12	Qbt 3	Bis(2-chloroethyl)ether	0.37	mg/kg	U
West canyon	21-11263	MD21-01-0199	11.5–12	Qbt 3	Bis(2-ethylhexyl)phthalate	0.37	mg/kg	U
West canyon	21-11263	MD21-01-0199	11.5–12	Qbt 3	Bromophenyl-phenylether[4-]	0.37	mg/kg	U
West canyon	21-11263	MD21-01-0199	11.5–12	Qbt 3	Butylbenzylphthalate	0.37	mg/kg	U
West canyon	21-11263	MD21-01-0199	11.5–12	Qbt 3	Chloro-3-methylphenol[4-]	0.37	mg/kg	U
West canyon	21-11263	MD21-01-0199	11.5–12	Qbt 3	Chloroaniline[4-]	0.37	mg/kg	U
West canyon	21-11263	MD21-01-0199	11.5–12	Qbt 3	Chloronaphthalene[2-]	0.37	mg/kg	U
West canyon	21-11263	MD21-01-0199	11.5–12	Qbt 3	Chlorophenol[2-]	0.37	mg/kg	U
West canyon	21-11263	MD21-01-0199	11.5–12	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.37	mg/kg	U
West canyon	21-11263	MD21-01-0199	11.5–12	Qbt 3	Di-n-butylphthalate	0.37	mg/kg	U
West canyon	21-11263	MD21-01-0199	11.5–12	Qbt 3	Di-n-octylphthalate	0.37	mg/kg	U
West canyon	21-11263	MD21-01-0199	11.5–12	Qbt 3	Dibenzofuran	0.37	mg/kg	U
West canyon	21-11263	MD21-01-0199	11.5–12	Qbt 3	Dichlorobenzene[1,2-]	0.37	mg/kg	U
West canyon	21-11263	MD21-01-0199	11.5–12	Qbt 3	Dichlorobenzene[1,3-]	0.37	mg/kg	U
West canyon	21-11263	MD21-01-0199	11.5–12	Qbt 3	Dichlorobenzene[1,4-]	0.37	mg/kg	U
West canyon	21-11263	MD21-01-0199	11.5–12	Qbt 3	Dichlorobenzidine[3,3'-]	1.8	mg/kg	U
West canyon	21-11263	MD21-01-0199	11.5–12	Qbt 3	Dichlorophenol[2,4-]	0.37	mg/kg	U
West canyon	21-11263	MD21-01-0199	11.5–12	Qbt 3	Diethylphthalate	0.37	mg/kg	U
West canyon	21-11263	MD21-01-0199	11.5–12	Qbt 3	Dimethyl phthalate	0.37	mg/kg	U
West canyon	21-11263	MD21-01-0199	11.5–12	Qbt 3	Dimethylphenol[2,4-]	0.37	mg/kg	U
West canyon	21-11263	MD21-01-0199	11.5–12	Qbt 3	Dinitro-2-methylphenol[4,6-]	1.8	mg/kg	U
West canyon	21-11263	MD21-01-0199	11.5–12	Qbt 3	Dinitrophenol[2,4-]	1.8	mg/kg	U
West canyon	21-11263	MD21-01-0199	11.5–12	Qbt 3	Dinitrotoluene[2,4-]	0.37	mg/kg	U
West canyon	21-11263	MD21-01-0199	11.5–12	Qbt 3	Dinitrotoluene[2,6-]	0.37	mg/kg	U
West canyon	21-11263	MD21-01-0199	11.5–12	Qbt 3	Hexachlorobenzene	0.37	mg/kg	U
West canyon	21-11263	MD21-01-0199	11.5–12	Qbt 3	Hexachlorobutadiene	0.37	mg/kg	U
West canyon	21-11263	MD21-01-0199	11.5–12	Qbt 3	Hexachlorocyclopentadiene	1.8	mg/kg	U
West canyon	21-11263	MD21-01-0199	11.5–12	Qbt 3	Hexachloroethane	0.37	mg/kg	U
West canyon	21-11263	MD21-01-0199	11.5–12	Qbt 3	Indeno(1,2,3-cd)pyrene	0.37	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11263	MD21-01-0199	11.5–12	Qbt 3	Isophorone	0.37	mg/kg	U
West canyon	21-11263	MD21-01-0199	11.5–12	Qbt 3	Methylphenol[2-]	0.37	mg/kg	U
West canyon	21-11263	MD21-01-0199	11.5–12	Qbt 3	Methylphenol[4-]	0.37	mg/kg	U
West canyon	21-11263	MD21-01-0199	11.5–12	Qbt 3	Nitroaniline[2-]	1.8	mg/kg	U
West canyon	21-11263	MD21-01-0199	11.5–12	Qbt 3	Nitroaniline[3-]	1.8	mg/kg	U
West canyon	21-11263	MD21-01-0199	11.5–12	Qbt 3	Nitroaniline[4-]	1.8	mg/kg	U
West canyon	21-11263	MD21-01-0199	11.5–12	Qbt 3	Nitrobenzene	0.37	mg/kg	U
West canyon	21-11263	MD21-01-0199	11.5–12	Qbt 3	Nitrophenol[2-]	0.37	mg/kg	U
West canyon	21-11263	MD21-01-0199	11.5–12	Qbt 3	Nitrophenol[4-]	1.8	mg/kg	U
West canyon	21-11263	MD21-01-0199	11.5–12	Qbt 3	Nitroso-di-n-propylamine[N-]	0.37	mg/kg	U
West canyon	21-11263	MD21-01-0199	11.5–12	Qbt 3	Nitrosodimethylamine[N-]	0.37	mg/kg	U
West canyon	21-11263	MD21-01-0199	11.5–12	Qbt 3	Nitrosodiphenylamine[N-]	0.37	mg/kg	U
West canyon	21-11263	MD21-01-0199	11.5–12	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.37	mg/kg	U
West canyon	21-11263	MD21-01-0199	11.5–12	Qbt 3	Pentachlorophenol	1.8	mg/kg	U
West canyon	21-11263	MD21-01-0199	11.5–12	Qbt 3	Phenol	0.37	mg/kg	U
West canyon	21-11263	MD21-01-0199	11.5–12	Qbt 3	Trichlorobenzene[1,2,4-]	0.37	mg/kg	U
West canyon	21-11263	MD21-01-0199	11.5–12	Qbt 3	Trichlorophenol[2,4,5-]	0.37	mg/kg	U
West canyon	21-11263	MD21-01-0199	11.5–12	Qbt 3	Trichlorophenol[2,4,6-]	0.37	mg/kg	U
West canyon	21-11263	MD21-01-0199	11.5–12	Qbt 3	Trimethylbenzene[1,2,4-]	0.058	mg/kg	J+
West canyon	21-11263	MD21-01-0199	11.5–12	Qbt 3	Trimethylbenzene[1,3,5-]	0.023	mg/kg	J+
West canyon	21-11263	MD21-01-0200	12.5–13	Qbt 3	Aluminum	7980	mg/kg	None
West canyon	21-11263	MD21-01-0200	12.5–13	Qbt 3	Antimony	0.91	mg/kg	U
West canyon	21-11263	MD21-01-0200	12.5–13	Qbt 3	Arsenic	0.96	mg/kg	J-
West canyon	21-11263	MD21-01-0200	12.5–13	Qbt 3	Barium	33.8	mg/kg	None
West canyon	21-11263	MD21-01-0200	12.5–13	Qbt 3	Beryllium	1	mg/kg	None
West canyon	21-11263	MD21-01-0200	12.5–13	Qbt 3	Cadmium	0.073	mg/kg	U
West canyon	21-11263	MD21-01-0200	12.5–13	Qbt 3	Calcium	1100	mg/kg	None
West canyon	21-11263	MD21-01-0200	12.5–13	Qbt 3	Chromium, total	5.3	mg/kg	None
West canyon	21-11263	MD21-01-0200	12.5–13	Qbt 3	Cobalt	1.4	mg/kg	J
West canyon	21-11263	MD21-01-0200	12.5–13	Qbt 3	Copper	4.5	mg/kg	None
West canyon	21-11263	MD21-01-0200	12.5–13	Qbt 3	Iron	9530	mg/kg	None
West canyon	21-11263	MD21-01-0200	12.5–13	Qbt 3	Magnesium	989	mg/kg	None
West canyon	21-11263	MD21-01-0200	12.5–13	Qbt 3	Manganese	162	mg/kg	None
West canyon	21-11263	MD21-01-0200	12.5–13	Qbt 3	Mercury	0.019	mg/kg	U
West canyon	21-11263	MD21-01-0200	12.5–13	Qbt 3	Nickel	4.4	mg/kg	J
West canyon	21-11263	MD21-01-0200	12.5–13	Qbt 3	Potassium	760	mg/kg	None
West canyon	21-11263	MD21-01-0200	12.5–13	Qbt 3	Selenium	0.23	mg/kg	U
West canyon	21-11263	MD21-01-0200	12.5–13	Qbt 3	Silver	0.52	mg/kg	U
West canyon	21-11263	MD21-01-0200	12.5–13	Qbt 3	Sodium	165	mg/kg	J

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11263	MD21-01-0200	12.5–13	Qbt 3	Thallium	0.1	mg/kg	J
West canyon	21-11263	MD21-01-0200	12.5–13	Qbt 3	Vanadium	5.4	mg/kg	J
West canyon	21-11263	MD21-01-0200	12.5–13	Qbt 3	Zinc	49.1	mg/kg	None
West canyon	21-11263	MD21-01-0200	12.5–13	Qbt 3	Acenaphthylene	0.38	mg/kg	U
West canyon	21-11263	MD21-01-0200	12.5–13	Qbt 3	Aniline	0.38	mg/kg	U
West canyon	21-11263	MD21-01-0200	12.5–13	Qbt 3	Azobenzene	0.38	mg/kg	U
West canyon	21-11263	MD21-01-0200	12.5–13	Qbt 3	Benzo(g,h,i)perylene	0.38	mg/kg	U
West canyon	21-11263	MD21-01-0200	12.5–13	Qbt 3	Benzoic acid	1.9	mg/kg	U
West canyon	21-11263	MD21-01-0200	12.5–13	Qbt 3	Benzyl alcohol	0.38	mg/kg	U
West canyon	21-11263	MD21-01-0200	12.5–13	Qbt 3	Bis(2-chloroethoxy)methane	0.38	mg/kg	U
West canyon	21-11263	MD21-01-0200	12.5–13	Qbt 3	Bis(2-chloroethyl)ether	0.38	mg/kg	U
West canyon	21-11263	MD21-01-0200	12.5–13	Qbt 3	Bis(2-ethylhexyl)phthalate	0.38	mg/kg	U
West canyon	21-11263	MD21-01-0200	12.5–13	Qbt 3	Bromophenyl-phenylether[4-]	0.38	mg/kg	U
West canyon	21-11263	MD21-01-0200	12.5–13	Qbt 3	Butylbenzylphthalate	0.38	mg/kg	U
West canyon	21-11263	MD21-01-0200	12.5–13	Qbt 3	Chloro-3-methylphenol[4-]	0.38	mg/kg	U
West canyon	21-11263	MD21-01-0200	12.5–13	Qbt 3	Chloroaniline[4-]	0.38	mg/kg	U
West canyon	21-11263	MD21-01-0200	12.5–13	Qbt 3	Chloronaphthalene[2-]	0.38	mg/kg	U
West canyon	21-11263	MD21-01-0200	12.5–13	Qbt 3	Chlorophenol[2-]	0.38	mg/kg	U
West canyon	21-11263	MD21-01-0200	12.5–13	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.38	mg/kg	U
West canyon	21-11263	MD21-01-0200	12.5–13	Qbt 3	Di-n-butylphthalate	0.38	mg/kg	U
West canyon	21-11263	MD21-01-0200	12.5–13	Qbt 3	Di-n-octylphthalate	0.38	mg/kg	U
West canyon	21-11263	MD21-01-0200	12.5–13	Qbt 3	Dibenzofuran	0.38	mg/kg	U
West canyon	21-11263	MD21-01-0200	12.5–13	Qbt 3	Dichlorobenzene[1,2-]	0.38	mg/kg	U
West canyon	21-11263	MD21-01-0200	12.5–13	Qbt 3	Dichlorobenzene[1,3-]	0.38	mg/kg	U
West canyon	21-11263	MD21-01-0200	12.5–13	Qbt 3	Dichlorobenzene[1,4-]	0.38	mg/kg	U
West canyon	21-11263	MD21-01-0200	12.5–13	Qbt 3	Dichlorobenzidine[3,3'-]	1.9	mg/kg	U
West canyon	21-11263	MD21-01-0200	12.5–13	Qbt 3	Dichlorophenol[2,4-]	0.38	mg/kg	U
West canyon	21-11263	MD21-01-0200	12.5–13	Qbt 3	Diethylphthalate	0.38	mg/kg	U
West canyon	21-11263	MD21-01-0200	12.5–13	Qbt 3	Dimethyl phthalate	0.38	mg/kg	U
West canyon	21-11263	MD21-01-0200	12.5–13	Qbt 3	Dimethylphenol[2,4-]	0.38	mg/kg	U
West canyon	21-11263	MD21-01-0200	12.5–13	Qbt 3	Dinitro-2-methylphenol[4,6-]	1.9	mg/kg	U
West canyon	21-11263	MD21-01-0200	12.5–13	Qbt 3	Dinitrophenol[2,4-]	1.9	mg/kg	U
West canyon	21-11263	MD21-01-0200	12.5–13	Qbt 3	Dinitrotoluene[2,4-]	0.38	mg/kg	U
West canyon	21-11263	MD21-01-0200	12.5–13	Qbt 3	Dinitrotoluene[2,6-]	0.38	mg/kg	U
West canyon	21-11263	MD21-01-0200	12.5–13	Qbt 3	Hexachlorobenzene	0.38	mg/kg	U
West canyon	21-11263	MD21-01-0200	12.5–13	Qbt 3	Hexachlorobutadiene	0.38	mg/kg	U
West canyon	21-11263	MD21-01-0200	12.5–13	Qbt 3	Hexachlorocyclopentadiene	1.9	mg/kg	U
West canyon	21-11263	MD21-01-0200	12.5–13	Qbt 3	Hexachloroethane	0.38	mg/kg	U
West canyon	21-11263	MD21-01-0200	12.5–13	Qbt 3	Indeno(1,2,3-cd)pyrene	0.38	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11263	MD21-01-0200	12.5–13	Qbt 3	Isophorone	0.38	mg/kg	U
West canyon	21-11263	MD21-01-0200	12.5–13	Qbt 3	Methylphenol[2-]	0.38	mg/kg	U
West canyon	21-11263	MD21-01-0200	12.5–13	Qbt 3	Methylphenol[4-]	0.38	mg/kg	U
West canyon	21-11263	MD21-01-0200	12.5–13	Qbt 3	Nitroaniline[2-]	1.9	mg/kg	U
West canyon	21-11263	MD21-01-0200	12.5–13	Qbt 3	Nitroaniline[3-]	1.9	mg/kg	U
West canyon	21-11263	MD21-01-0200	12.5–13	Qbt 3	Nitroaniline[4-]	1.9	mg/kg	U
West canyon	21-11263	MD21-01-0200	12.5–13	Qbt 3	Nitrobenzene	0.38	mg/kg	U
West canyon	21-11263	MD21-01-0200	12.5–13	Qbt 3	Nitrophenol[2-]	0.38	mg/kg	U
West canyon	21-11263	MD21-01-0200	12.5–13	Qbt 3	Nitrophenol[4-]	1.9	mg/kg	U
West canyon	21-11263	MD21-01-0200	12.5–13	Qbt 3	Nitroso-di-n-propylamine[N-]	0.38	mg/kg	U
West canyon	21-11263	MD21-01-0200	12.5–13	Qbt 3	Nitrosodimethylamine[N-]	0.38	mg/kg	U
West canyon	21-11263	MD21-01-0200	12.5–13	Qbt 3	Nitrosodiphenylamine[N-]	0.38	mg/kg	U
West canyon	21-11263	MD21-01-0200	12.5–13	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.38	mg/kg	U
West canyon	21-11263	MD21-01-0200	12.5–13	Qbt 3	Pentachlorophenol	1.9	mg/kg	U
West canyon	21-11263	MD21-01-0200	12.5–13	Qbt 3	Phenol	0.38	mg/kg	U
West canyon	21-11263	MD21-01-0200	12.5–13	Qbt 3	Trichlorobenzene[1,2,4-]	0.38	mg/kg	U
West canyon	21-11263	MD21-01-0200	12.5–13	Qbt 3	Trichlorophenol[2,4,5-]	0.38	mg/kg	U
West canyon	21-11263	MD21-01-0200	12.5–13	Qbt 3	Trichlorophenol[2,4,6-]	0.38	mg/kg	U
West canyon	21-11263	MD21-01-0200	12.5–13	Qbt 3	Trimethylbenzene[1,2,4-]	0.0057	mg/kg	J
West canyon	21-11263	MD21-01-0200	12.5–13	Qbt 3	Trimethylbenzene[1,3,5-]	0.0061	mg/kg	U
West canyon	21-11263	MD21-01-0201	15.6–16.2	Qbt 3	Aluminum	8120	mg/kg	None
West canyon	21-11263	MD21-01-0201	15.6–16.2	Qbt 3	Antimony	0.9	mg/kg	U
West canyon	21-11263	MD21-01-0201	15.6–16.2	Qbt 3	Arsenic	1.9	mg/kg	J-
West canyon	21-11263	MD21-01-0201	15.6–16.2	Qbt 3	Barium	36.4	mg/kg	None
West canyon	21-11263	MD21-01-0201	15.6–16.2	Qbt 3	Beryllium	1.4	mg/kg	None
West canyon	21-11263	MD21-01-0201	15.6–16.2	Qbt 3	Cadmium	0.071	mg/kg	U
West canyon	21-11263	MD21-01-0201	15.6–16.2	Qbt 3	Calcium	1200	mg/kg	None
West canyon	21-11263	MD21-01-0201	15.6–16.2	Qbt 3	Chromium, total	4.5	mg/kg	None
West canyon	21-11263	MD21-01-0201	15.6–16.2	Qbt 3	Cobalt	0.98	mg/kg	J
West canyon	21-11263	MD21-01-0201	15.6–16.2	Qbt 3	Copper	5.3	mg/kg	None
West canyon	21-11263	MD21-01-0201	15.6–16.2	Qbt 3	Iron	12000	mg/kg	None
West canyon	21-11263	MD21-01-0201	15.6–16.2	Qbt 3	Magnesium	1140	mg/kg	None
West canyon	21-11263	MD21-01-0201	15.6–16.2	Qbt 3	Manganese	179	mg/kg	None
West canyon	21-11263	MD21-01-0201	15.6–16.2	Qbt 3	Mercury	0.019	mg/kg	U
West canyon	21-11263	MD21-01-0201	15.6–16.2	Qbt 3	Nickel	6.2	mg/kg	None
West canyon	21-11263	MD21-01-0201	15.6–16.2	Qbt 3	Potassium	824	mg/kg	None
West canyon	21-11263	MD21-01-0201	15.6–16.2	Qbt 3	Selenium	0.23	mg/kg	U
West canyon	21-11263	MD21-01-0201	15.6–16.2	Qbt 3	Silver	0.51	mg/kg	U
West canyon	21-11263	MD21-01-0201	15.6–16.2	Qbt 3	Sodium	147	mg/kg	J

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11263	MD21-01-0201	15.6–16.2	Qbt 3	Thallium	0.11	mg/kg	J
West canyon	21-11263	MD21-01-0201	15.6–16.2	Qbt 3	Vanadium	7.7	mg/kg	None
West canyon	21-11263	MD21-01-0201	15.6–16.2	Qbt 3	Zinc	60.1	mg/kg	None
West canyon	21-11263	MD21-01-0201	15.6–16.2	Qbt 3	Acenaphthylene	0.37	mg/kg	U
West canyon	21-11263	MD21-01-0201	15.6–16.2	Qbt 3	Aniline	0.37	mg/kg	U
West canyon	21-11263	MD21-01-0201	15.6–16.2	Qbt 3	Azobenzene	0.37	mg/kg	U
West canyon	21-11263	MD21-01-0201	15.6–16.2	Qbt 3	Benzo(g,h,i)perylene	0.37	mg/kg	U
West canyon	21-11263	MD21-01-0201	15.6–16.2	Qbt 3	Benzoic acid	1.8	mg/kg	U
West canyon	21-11263	MD21-01-0201	15.6–16.2	Qbt 3	Benzyl alcohol	0.37	mg/kg	U
West canyon	21-11263	MD21-01-0201	15.6–16.2	Qbt 3	Bis(2-chloroethoxy)methane	0.37	mg/kg	U
West canyon	21-11263	MD21-01-0201	15.6–16.2	Qbt 3	Bis(2-chloroethyl)ether	0.37	mg/kg	U
West canyon	21-11263	MD21-01-0201	15.6–16.2	Qbt 3	Bis(2-ethylhexyl)phthalate	0.37	mg/kg	U
West canyon	21-11263	MD21-01-0201	15.6–16.2	Qbt 3	Bromophenyl-phenylether[4-]	0.37	mg/kg	U
West canyon	21-11263	MD21-01-0201	15.6–16.2	Qbt 3	Butylbenzylphthalate	0.37	mg/kg	U
West canyon	21-11263	MD21-01-0201	15.6–16.2	Qbt 3	Chloro-3-methylphenol[4-]	0.37	mg/kg	U
West canyon	21-11263	MD21-01-0201	15.6–16.2	Qbt 3	Chloroaniline[4-]	0.37	mg/kg	U
West canyon	21-11263	MD21-01-0201	15.6–16.2	Qbt 3	Chloronaphthalene[2-]	0.37	mg/kg	U
West canyon	21-11263	MD21-01-0201	15.6–16.2	Qbt 3	Chlorophenol[2-]	0.37	mg/kg	U
West canyon	21-11263	MD21-01-0201	15.6–16.2	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.37	mg/kg	U
West canyon	21-11263	MD21-01-0201	15.6–16.2	Qbt 3	Di-n-butylphthalate	0.37	mg/kg	U
West canyon	21-11263	MD21-01-0201	15.6–16.2	Qbt 3	Di-n-octylphthalate	0.37	mg/kg	U
West canyon	21-11263	MD21-01-0201	15.6–16.2	Qbt 3	Dibenzofuran	0.076	mg/kg	J
West canyon	21-11263	MD21-01-0201	15.6–16.2	Qbt 3	Dichlorobenzene[1,2-]	0.37	mg/kg	U
West canyon	21-11263	MD21-01-0201	15.6–16.2	Qbt 3	Dichlorobenzene[1,3-]	0.37	mg/kg	U
West canyon	21-11263	MD21-01-0201	15.6–16.2	Qbt 3	Dichlorobenzene[1,4-]	0.37	mg/kg	U
West canyon	21-11263	MD21-01-0201	15.6–16.2	Qbt 3	Dichlorobenzidine[3,3'-]	1.8	mg/kg	U
West canyon	21-11263	MD21-01-0201	15.6–16.2	Qbt 3	Dichlorophenol[2,4-]	0.37	mg/kg	U
West canyon	21-11263	MD21-01-0201	15.6–16.2	Qbt 3	Diethylphthalate	0.37	mg/kg	U
West canyon	21-11263	MD21-01-0201	15.6–16.2	Qbt 3	Dimethyl phthalate	0.37	mg/kg	U
West canyon	21-11263	MD21-01-0201	15.6–16.2	Qbt 3	Dimethylphenol[2,4-]	0.37	mg/kg	U
West canyon	21-11263	MD21-01-0201	15.6–16.2	Qbt 3	Dinitro-2-methylphenol[4,6-]	1.8	mg/kg	U
West canyon	21-11263	MD21-01-0201	15.6–16.2	Qbt 3	Dinitrophenol[2,4-]	1.8	mg/kg	U
West canyon	21-11263	MD21-01-0201	15.6–16.2	Qbt 3	Dinitrotoluene[2,4-]	0.37	mg/kg	U
West canyon	21-11263	MD21-01-0201	15.6–16.2	Qbt 3	Dinitrotoluene[2,6-]	0.37	mg/kg	U
West canyon	21-11263	MD21-01-0201	15.6–16.2	Qbt 3	Hexachlorobenzene	0.37	mg/kg	U
West canyon	21-11263	MD21-01-0201	15.6–16.2	Qbt 3	Hexachlorobutadiene	0.37	mg/kg	U
West canyon	21-11263	MD21-01-0201	15.6–16.2	Qbt 3	Hexachlorocyclopentadiene	1.8	mg/kg	U
West canyon	21-11263	MD21-01-0201	15.6–16.2	Qbt 3	Hexachloroethane	0.37	mg/kg	U
West canyon	21-11263	MD21-01-0201	15.6–16.2	Qbt 3	Indeno(1,2,3-cd)pyrene	0.37	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11263	MD21-01-0201	15.6–16.2	Qbt 3	Isophorone	0.37	mg/kg	U
West canyon	21-11263	MD21-01-0201	15.6–16.2	Qbt 3	Methylphenol[2-]	0.37	mg/kg	U
West canyon	21-11263	MD21-01-0201	15.6–16.2	Qbt 3	Methylphenol[4-]	0.37	mg/kg	U
West canyon	21-11263	MD21-01-0201	15.6–16.2	Qbt 3	Nitroaniline[2-]	1.8	mg/kg	U
West canyon	21-11263	MD21-01-0201	15.6–16.2	Qbt 3	Nitroaniline[3-]	1.8	mg/kg	U
West canyon	21-11263	MD21-01-0201	15.6–16.2	Qbt 3	Nitroaniline[4-]	1.8	mg/kg	U
West canyon	21-11263	MD21-01-0201	15.6–16.2	Qbt 3	Nitrobenzene	0.37	mg/kg	U
West canyon	21-11263	MD21-01-0201	15.6–16.2	Qbt 3	Nitrophenol[2-]	0.37	mg/kg	U
West canyon	21-11263	MD21-01-0201	15.6–16.2	Qbt 3	Nitrophenol[4-]	1.8	mg/kg	U
West canyon	21-11263	MD21-01-0201	15.6–16.2	Qbt 3	Nitroso-di-n-propylamine[N-]	0.37	mg/kg	U
West canyon	21-11263	MD21-01-0201	15.6–16.2	Qbt 3	Nitrosodimethylamine[N-]	0.37	mg/kg	U
West canyon	21-11263	MD21-01-0201	15.6–16.2	Qbt 3	Nitrosodiphenylamine[N-]	0.37	mg/kg	U
West canyon	21-11263	MD21-01-0201	15.6–16.2	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.37	mg/kg	U
West canyon	21-11263	MD21-01-0201	15.6–16.2	Qbt 3	Pentachlorophenol	1.8	mg/kg	U
West canyon	21-11263	MD21-01-0201	15.6–16.2	Qbt 3	Phenol	0.37	mg/kg	U
West canyon	21-11263	MD21-01-0201	15.6–16.2	Qbt 3	Trichlorobenzene[1,2,4-]	0.37	mg/kg	U
West canyon	21-11263	MD21-01-0201	15.6–16.2	Qbt 3	Trichlorophenol[2,4,5-]	0.37	mg/kg	U
West canyon	21-11263	MD21-01-0201	15.6–16.2	Qbt 3	Trichlorophenol[2,4,6-]	0.37	mg/kg	U
West canyon	21-11263	MD21-01-0201	15.6–16.2	Qbt 3	Trimethylbenzene[1,2,4-]	0.034	mg/kg	None
West canyon	21-11263	MD21-01-0201	15.6–16.2	Qbt 3	Trimethylbenzene[1,3,5-]	0.011	mg/kg	None
West canyon	21-11263	MD21-01-0202	17–18	Qbt 3	Aluminum	1560	mg/kg	None
West canyon	21-11263	MD21-01-0202	17–18	Qbt 3	Antimony	0.85	mg/kg	U
West canyon	21-11263	MD21-01-0202	17–18	Qbt 3	Arsenic	0.12	mg/kg	UJ
West canyon	21-11263	MD21-01-0202	17–18	Qbt 3	Barium	12.1	mg/kg	J
West canyon	21-11263	MD21-01-0202	17–18	Qbt 3	Beryllium	0.47	mg/kg	J
West canyon	21-11263	MD21-01-0202	17–18	Qbt 3	Cadmium	0.068	mg/kg	U
West canyon	21-11263	MD21-01-0202	17–18	Qbt 3	Calcium	257	mg/kg	J
West canyon	21-11263	MD21-01-0202	17–18	Qbt 3	Chromium, total	1.9	mg/kg	None
West canyon	21-11263	MD21-01-0202	17–18	Qbt 3	Cobalt	0.69	mg/kg	J
West canyon	21-11263	MD21-01-0202	17–18	Qbt 3	Copper	1.4	mg/kg	U
West canyon	21-11263	MD21-01-0202	17–18	Qbt 3	Iron	6070	mg/kg	None
West canyon	21-11263	MD21-01-0202	17–18	Qbt 3	Magnesium	155	mg/kg	J
West canyon	21-11263	MD21-01-0202	17–18	Qbt 3	Manganese	220	mg/kg	None
West canyon	21-11263	MD21-01-0202	17–18	Qbt 3	Mercury	0.018	mg/kg	U
West canyon	21-11263	MD21-01-0202	17–18	Qbt 3	Nickel	3.2	mg/kg	J
West canyon	21-11263	MD21-01-0202	17–18	Qbt 3	Potassium	361	mg/kg	J
West canyon	21-11263	MD21-01-0202	17–18	Qbt 3	Selenium	0.21	mg/kg	U
West canyon	21-11263	MD21-01-0202	17–18	Qbt 3	Silver	0.49	mg/kg	U
West canyon	21-11263	MD21-01-0202	17–18	Qbt 3	Sodium	113	mg/kg	J

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11263	MD21-01-0202	17–18	Qbt 3	Thallium	0.03	mg/kg	J
West canyon	21-11263	MD21-01-0202	17–18	Qbt 3	Vanadium	0.85	mg/kg	J
West canyon	21-11263	MD21-01-0202	17–18	Qbt 3	Zinc	34.6	mg/kg	None
West canyon	21-11263	MD21-01-0202	17–18	Qbt 3	Acenaphthylene	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0202	17–18	Qbt 3	Aniline	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0202	17–18	Qbt 3	Azobenzene	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0202	17–18	Qbt 3	Benzo(g,h,i)perylene	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0202	17–18	Qbt 3	Benzoic acid	1.7	mg/kg	U
West canyon	21-11263	MD21-01-0202	17–18	Qbt 3	Benzyl alcohol	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0202	17–18	Qbt 3	Bis(2-chloroethoxy)methane	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0202	17–18	Qbt 3	Bis(2-chloroethyl)ether	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0202	17–18	Qbt 3	Bis(2-ethylhexyl)phthalate	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0202	17–18	Qbt 3	Bromophenyl-phenylether[4-]	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0202	17–18	Qbt 3	Butylbenzylphthalate	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0202	17–18	Qbt 3	Chloro-3-methylphenol[4-]	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0202	17–18	Qbt 3	Chloroaniline[4-]	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0202	17–18	Qbt 3	Chloronaphthalene[2-]	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0202	17–18	Qbt 3	Chlorophenol[2-]	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0202	17–18	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0202	17–18	Qbt 3	Di-n-butylphthalate	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0202	17–18	Qbt 3	Di-n-octylphthalate	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0202	17–18	Qbt 3	Dibenzofuran	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0202	17–18	Qbt 3	Dichlorobenzene[1,2-]	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0202	17–18	Qbt 3	Dichlorobenzene[1,3-]	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0202	17–18	Qbt 3	Dichlorobenzene[1,4-]	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0202	17–18	Qbt 3	Dichlorobenzidine[3,3'-]	1.7	mg/kg	U
West canyon	21-11263	MD21-01-0202	17–18	Qbt 3	Dichlorophenol[2,4-]	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0202	17–18	Qbt 3	Diethylphthalate	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0202	17–18	Qbt 3	Dimethyl phthalate	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0202	17–18	Qbt 3	Dimethylphenol[2,4-]	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0202	17–18	Qbt 3	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
West canyon	21-11263	MD21-01-0202	17–18	Qbt 3	Dinitrophenol[2,4-]	1.7	mg/kg	U
West canyon	21-11263	MD21-01-0202	17–18	Qbt 3	Dinitrotoluene[2,4-]	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0202	17–18	Qbt 3	Dinitrotoluene[2,6-]	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0202	17–18	Qbt 3	Hexachlorobenzene	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0202	17–18	Qbt 3	Hexachlorobutadiene	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0202	17–18	Qbt 3	Hexachlorocyclopentadiene	1.7	mg/kg	U
West canyon	21-11263	MD21-01-0202	17–18	Qbt 3	Hexachloroethane	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0202	17–18	Qbt 3	Indeno(1,2,3-cd)pyrene	0.36	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11263	MD21-01-0202	17–18	Qbt 3	Isophorone	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0202	17–18	Qbt 3	Methylphenol[2-]	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0202	17–18	Qbt 3	Methylphenol[4-]	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0202	17–18	Qbt 3	Nitroaniline[2-]	1.7	mg/kg	U
West canyon	21-11263	MD21-01-0202	17–18	Qbt 3	Nitroaniline[3-]	1.7	mg/kg	U
West canyon	21-11263	MD21-01-0202	17–18	Qbt 3	Nitroaniline[4-]	1.7	mg/kg	U
West canyon	21-11263	MD21-01-0202	17–18	Qbt 3	Nitrobenzene	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0202	17–18	Qbt 3	Nitrophenol[2-]	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0202	17–18	Qbt 3	Nitrophenol[4-]	1.7	mg/kg	U
West canyon	21-11263	MD21-01-0202	17–18	Qbt 3	Nitroso-di-n-propylamine[N-]	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0202	17–18	Qbt 3	Nitrosodimethylamine[N-]	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0202	17–18	Qbt 3	Nitrosodiphenylamine[N-]	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0202	17–18	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0202	17–18	Qbt 3	Pentachlorophenol	1.7	mg/kg	U
West canyon	21-11263	MD21-01-0202	17–18	Qbt 3	Phenol	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0202	17–18	Qbt 3	Trichlorobenzene[1,2,4-]	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0202	17–18	Qbt 3	Trichlorophenol[2,4,5-]	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0202	17–18	Qbt 3	Trichlorophenol[2,4,6-]	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0202	17–18	Qbt 3	Chlorobenzene	0.006	mg/kg	U
West canyon	21-11263	MD21-01-0202	17–18	Qbt 3	Dichlorobenzene[1,4-]	0.006	mg/kg	U
West canyon	21-11263	MD21-01-0202	17–18	Qbt 3	Dichloroethene[1,1-]	0.006	mg/kg	U
West canyon	21-11263	MD21-01-0202	17–18	Qbt 3	Trichloroethene	0.006	mg/kg	U
West canyon	21-11263	MD21-01-0202	17–18	Qbt 3	Trimethylbenzene[1,2,4-]	0.006	mg/kg	U
West canyon	21-11263	MD21-01-0202	17–18	Qbt 3	Trimethylbenzene[1,3,5-]	0.006	mg/kg	U
West canyon	21-11263	MD21-01-0203	18.5–19.2	Qbt 3	Aluminum	3190	mg/kg	None
West canyon	21-11263	MD21-01-0203	18.5–19.2	Qbt 3	Antimony	0.86	mg/kg	U
West canyon	21-11263	MD21-01-0203	18.5–19.2	Qbt 3	Arsenic	0.54	mg/kg	J-
West canyon	21-11263	MD21-01-0203	18.5–19.2	Qbt 3	Barium	17.1	mg/kg	J
West canyon	21-11263	MD21-01-0203	18.5–19.2	Qbt 3	Beryllium	0.87	mg/kg	None
West canyon	21-11263	MD21-01-0203	18.5–19.2	Qbt 3	Cadmium	0.069	mg/kg	U
West canyon	21-11263	MD21-01-0203	18.5–19.2	Qbt 3	Calcium	491	mg/kg	J
West canyon	21-11263	MD21-01-0203	18.5–19.2	Qbt 3	Chromium, total	2.3	mg/kg	None
West canyon	21-11263	MD21-01-0203	18.5–19.2	Qbt 3	Cobalt	0.98	mg/kg	J
West canyon	21-11263	MD21-01-0203	18.5–19.2	Qbt 3	Copper	2.4	mg/kg	U
West canyon	21-11263	MD21-01-0203	18.5–19.2	Qbt 3	Iron	8110	mg/kg	None
West canyon	21-11263	MD21-01-0203	18.5–19.2	Qbt 3	Magnesium	377	mg/kg	J
West canyon	21-11263	MD21-01-0203	18.5–19.2	Qbt 3	Manganese	237	mg/kg	None
West canyon	21-11263	MD21-01-0203	18.5–19.2	Qbt 3	Mercury	0.018	mg/kg	U
West canyon	21-11263	MD21-01-0203	18.5–19.2	Qbt 3	Nickel	2	mg/kg	J

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11263	MD21-01-0203	18.5–19.2	Qbt 3	Potassium	504	mg/kg	J
West canyon	21-11263	MD21-01-0203	18.5–19.2	Qbt 3	Selenium	0.22	mg/kg	U
West canyon	21-11263	MD21-01-0203	18.5–19.2	Qbt 3	Silver	0.5	mg/kg	U
West canyon	21-11263	MD21-01-0203	18.5–19.2	Qbt 3	Sodium	101	mg/kg	J
West canyon	21-11263	MD21-01-0203	18.5–19.2	Qbt 3	Thallium	0.045	mg/kg	J
West canyon	21-11263	MD21-01-0203	18.5–19.2	Qbt 3	Vanadium	2.9	mg/kg	J
West canyon	21-11263	MD21-01-0203	18.5–19.2	Qbt 3	Zinc	44.1	mg/kg	None
West canyon	21-11263	MD21-01-0203	18.5–19.2	Qbt 3	Acenaphthylene	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0203	18.5–19.2	Qbt 3	Aniline	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0203	18.5–19.2	Qbt 3	Azobenzene	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0203	18.5–19.2	Qbt 3	Benzo(g,h,i)perylene	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0203	18.5–19.2	Qbt 3	Benzoic acid	1.8	mg/kg	U
West canyon	21-11263	MD21-01-0203	18.5–19.2	Qbt 3	Benzyl alcohol	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0203	18.5–19.2	Qbt 3	Bis(2-chloroethoxy)methane	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0203	18.5–19.2	Qbt 3	Bis(2-chloroethyl)ether	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0203	18.5–19.2	Qbt 3	Bis(2-ethylhexyl)phthalate	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0203	18.5–19.2	Qbt 3	Bromophenyl-phenylether[4-]	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0203	18.5–19.2	Qbt 3	Butylbenzylphthalate	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0203	18.5–19.2	Qbt 3	Chloro-3-methylphenol[4-]	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0203	18.5–19.2	Qbt 3	Chloroaniline[4-]	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0203	18.5–19.2	Qbt 3	Chloronaphthalene[2-]	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0203	18.5–19.2	Qbt 3	Chlorophenol[2-]	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0203	18.5–19.2	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0203	18.5–19.2	Qbt 3	Di-n-butylphthalate	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0203	18.5–19.2	Qbt 3	Di-n-octylphthalate	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0203	18.5–19.2	Qbt 3	Dibenzofuran	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0203	18.5–19.2	Qbt 3	Dichlorobenzene[1,2-]	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0203	18.5–19.2	Qbt 3	Dichlorobenzene[1,3-]	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0203	18.5–19.2	Qbt 3	Dichlorobenzene[1,4-]	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0203	18.5–19.2	Qbt 3	Dichlorobenzidine[3,3'-]	1.8	mg/kg	U
West canyon	21-11263	MD21-01-0203	18.5–19.2	Qbt 3	Dichlorophenol[2,4-]	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0203	18.5–19.2	Qbt 3	Diethylphthalate	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0203	18.5–19.2	Qbt 3	Dimethyl phthalate	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0203	18.5–19.2	Qbt 3	Dimethylphenol[2,4-]	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0203	18.5–19.2	Qbt 3	Dinitro-2-methylphenol[4,6-]	1.8	mg/kg	U
West canyon	21-11263	MD21-01-0203	18.5–19.2	Qbt 3	Dinitrophenol[2,4-]	1.8	mg/kg	U
West canyon	21-11263	MD21-01-0203	18.5–19.2	Qbt 3	Dinitrotoluene[2,4-]	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0203	18.5–19.2	Qbt 3	Dinitrotoluene[2,6-]	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0203	18.5–19.2	Qbt 3	Hexachlorobenzene	0.36	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11263	MD21-01-0203	18.5–19.2	Qbt 3	Hexachlorobutadiene	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0203	18.5–19.2	Qbt 3	Hexachlorocyclopentadiene	1.8	mg/kg	U
West canyon	21-11263	MD21-01-0203	18.5–19.2	Qbt 3	Hexachloroethane	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0203	18.5–19.2	Qbt 3	Indeno(1,2,3-cd)pyrene	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0203	18.5–19.2	Qbt 3	Isophorone	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0203	18.5–19.2	Qbt 3	Methylphenol[2-]	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0203	18.5–19.2	Qbt 3	Methylphenol[4-]	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0203	18.5–19.2	Qbt 3	Nitroaniline[2-]	1.8	mg/kg	U
West canyon	21-11263	MD21-01-0203	18.5–19.2	Qbt 3	Nitroaniline[3-]	1.8	mg/kg	U
West canyon	21-11263	MD21-01-0203	18.5–19.2	Qbt 3	Nitroaniline[4-]	1.8	mg/kg	U
West canyon	21-11263	MD21-01-0203	18.5–19.2	Qbt 3	Nitrobenzene	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0203	18.5–19.2	Qbt 3	Nitrophenol[2-]	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0203	18.5–19.2	Qbt 3	Nitrophenol[4-]	1.8	mg/kg	U
West canyon	21-11263	MD21-01-0203	18.5–19.2	Qbt 3	Nitroso-di-n-propylamine[N-]	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0203	18.5–19.2	Qbt 3	Nitrosodimethylamine[N-]	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0203	18.5–19.2	Qbt 3	Nitrosodiphenylamine[N-]	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0203	18.5–19.2	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0203	18.5–19.2	Qbt 3	Pentachlorophenol	1.8	mg/kg	U
West canyon	21-11263	MD21-01-0203	18.5–19.2	Qbt 3	Phenol	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0203	18.5–19.2	Qbt 3	Trichlorobenzene[1,2,4-]	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0203	18.5–19.2	Qbt 3	Trichlorophenol[2,4,5-]	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0203	18.5–19.2	Qbt 3	Trichlorophenol[2,4,6-]	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0203	18.5–19.2	Qbt 3	Trimethylbenzene[1,2,4-]	0.0067	mg/kg	U
West canyon	21-11263	MD21-01-0203	18.5–19.2	Qbt 3	Trimethylbenzene[1,3,5-]	0.0067	mg/kg	U
West canyon	21-11263	MD21-01-0204	19.9–20.6	Qbt 3	Aluminum	1920	mg/kg	None
West canyon	21-11263	MD21-01-0204	19.9–20.6	Qbt 3	Antimony	0.86	mg/kg	U
West canyon	21-11263	MD21-01-0204	19.9–20.6	Qbt 3	Arsenic	0.12	mg/kg	UJ
West canyon	21-11263	MD21-01-0204	19.9–20.6	Qbt 3	Barium	12.1	mg/kg	J
West canyon	21-11263	MD21-01-0204	19.9–20.6	Qbt 3	Beryllium	0.48	mg/kg	J
West canyon	21-11263	MD21-01-0204	19.9–20.6	Qbt 3	Cadmium	0.069	mg/kg	U
West canyon	21-11263	MD21-01-0204	19.9–20.6	Qbt 3	Calcium	283	mg/kg	J
West canyon	21-11263	MD21-01-0204	19.9–20.6	Qbt 3	Chromium, total	1.8	mg/kg	None
West canyon	21-11263	MD21-01-0204	19.9–20.6	Qbt 3	Cobalt	0.72	mg/kg	J
West canyon	21-11263	MD21-01-0204	19.9–20.6	Qbt 3	Copper	1.5	mg/kg	U
West canyon	21-11263	MD21-01-0204	19.9–20.6	Qbt 3	Iron	6460	mg/kg	None
West canyon	21-11263	MD21-01-0204	19.9–20.6	Qbt 3	Magnesium	252	mg/kg	J
West canyon	21-11263	MD21-01-0204	19.9–20.6	Qbt 3	Manganese	220	mg/kg	None
West canyon	21-11263	MD21-01-0204	19.9–20.6	Qbt 3	Mercury	0.018	mg/kg	U
West canyon	21-11263	MD21-01-0204	19.9–20.6	Qbt 3	Nickel	1.4	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11263	MD21-01-0204	19.9–20.6	Qbt 3	Potassium	262	mg/kg	J
West canyon	21-11263	MD21-01-0204	19.9–20.6	Qbt 3	Selenium	0.22	mg/kg	U
West canyon	21-11263	MD21-01-0204	19.9–20.6	Qbt 3	Silver	0.5	mg/kg	U
West canyon	21-11263	MD21-01-0204	19.9–20.6	Qbt 3	Sodium	116	mg/kg	J
West canyon	21-11263	MD21-01-0204	19.9–20.6	Qbt 3	Thallium	0.025	mg/kg	J
West canyon	21-11263	MD21-01-0204	19.9–20.6	Qbt 3	Vanadium	0.94	mg/kg	J
West canyon	21-11263	MD21-01-0204	19.9–20.6	Qbt 3	Zinc	40.1	mg/kg	None
West canyon	21-11263	MD21-01-0204	19.9–20.6	Qbt 3	Acenaphthylene	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0204	19.9–20.6	Qbt 3	Aniline	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0204	19.9–20.6	Qbt 3	Azobenzene	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0204	19.9–20.6	Qbt 3	Benzo(g,h,i)perylene	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0204	19.9–20.6	Qbt 3	Benzoic acid	1.8	mg/kg	U
West canyon	21-11263	MD21-01-0204	19.9–20.6	Qbt 3	Benzyl alcohol	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0204	19.9–20.6	Qbt 3	Bis(2-chloroethoxy)methane	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0204	19.9–20.6	Qbt 3	Bis(2-chloroethyl)ether	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0204	19.9–20.6	Qbt 3	Bis(2-ethylhexyl)phthalate	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0204	19.9–20.6	Qbt 3	Bromophenyl-phenylether[4-]	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0204	19.9–20.6	Qbt 3	Butylbenzylphthalate	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0204	19.9–20.6	Qbt 3	Chloro-3-methylphenol[4-]	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0204	19.9–20.6	Qbt 3	Chloroaniline[4-]	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0204	19.9–20.6	Qbt 3	Chloronaphthalene[2-]	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0204	19.9–20.6	Qbt 3	Chlorophenol[2-]	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0204	19.9–20.6	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0204	19.9–20.6	Qbt 3	Di-n-butylphthalate	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0204	19.9–20.6	Qbt 3	Di-n-octylphthalate	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0204	19.9–20.6	Qbt 3	Dibenzofuran	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0204	19.9–20.6	Qbt 3	Dichlorobenzene[1,2-]	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0204	19.9–20.6	Qbt 3	Dichlorobenzene[1,3-]	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0204	19.9–20.6	Qbt 3	Dichlorobenzene[1,4-]	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0204	19.9–20.6	Qbt 3	Dichlorobenzidine[3,3'-]	1.8	mg/kg	U
West canyon	21-11263	MD21-01-0204	19.9–20.6	Qbt 3	Dichlorophenol[2,4-]	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0204	19.9–20.6	Qbt 3	Diethylphthalate	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0204	19.9–20.6	Qbt 3	Dimethyl phthalate	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0204	19.9–20.6	Qbt 3	Dimethylphenol[2,4-]	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0204	19.9–20.6	Qbt 3	Dinitro-2-methylphenol[4,6-]	1.8	mg/kg	U
West canyon	21-11263	MD21-01-0204	19.9–20.6	Qbt 3	Dinitrophenol[2,4-]	1.8	mg/kg	U
West canyon	21-11263	MD21-01-0204	19.9–20.6	Qbt 3	Dinitrotoluene[2,4-]	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0204	19.9–20.6	Qbt 3	Dinitrotoluene[2,6-]	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0204	19.9–20.6	Qbt 3	Hexachlorobenzene	0.36	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11263	MD21-01-0204	19.9–20.6	Qbt 3	Hexachlorobutadiene	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0204	19.9–20.6	Qbt 3	Hexachlorocyclopentadiene	1.8	mg/kg	U
West canyon	21-11263	MD21-01-0204	19.9–20.6	Qbt 3	Hexachloroethane	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0204	19.9–20.6	Qbt 3	Indeno(1,2,3-cd)pyrene	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0204	19.9–20.6	Qbt 3	Isophorone	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0204	19.9–20.6	Qbt 3	Methylphenol[2-]	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0204	19.9–20.6	Qbt 3	Methylphenol[4-]	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0204	19.9–20.6	Qbt 3	Nitroaniline[2-]	1.8	mg/kg	U
West canyon	21-11263	MD21-01-0204	19.9–20.6	Qbt 3	Nitroaniline[3-]	1.8	mg/kg	U
West canyon	21-11263	MD21-01-0204	19.9–20.6	Qbt 3	Nitroaniline[4-]	1.8	mg/kg	U
West canyon	21-11263	MD21-01-0204	19.9–20.6	Qbt 3	Nitrobenzene	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0204	19.9–20.6	Qbt 3	Nitrophenol[2-]	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0204	19.9–20.6	Qbt 3	Nitrophenol[4-]	1.8	mg/kg	U
West canyon	21-11263	MD21-01-0204	19.9–20.6	Qbt 3	Nitroso-di-n-propylamine[N-]	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0204	19.9–20.6	Qbt 3	Nitrosodimethylamine[N-]	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0204	19.9–20.6	Qbt 3	Nitrosodiphenylamine[N-]	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0204	19.9–20.6	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0204	19.9–20.6	Qbt 3	Pentachlorophenol	1.8	mg/kg	U
West canyon	21-11263	MD21-01-0204	19.9–20.6	Qbt 3	Phenol	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0204	19.9–20.6	Qbt 3	Trichlorobenzene[1,2,4-]	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0204	19.9–20.6	Qbt 3	Trichlorophenol[2,4,5-]	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0204	19.9–20.6	Qbt 3	Trichlorophenol[2,4,6-]	0.36	mg/kg	U
West canyon	21-11263	MD21-01-0204	19.9–20.6	Qbt 3	Trimethylbenzene[1,2,4-]	0.0061	mg/kg	U
West canyon	21-11263	MD21-01-0204	19.9–20.6	Qbt 3	Trimethylbenzene[1,3,5-]	0.0061	mg/kg	U
West canyon	21-11265	MD21-01-0205	0–0.5	Sediment	Aluminum	5200	mg/kg	None
West canyon	21-11265	MD21-01-0205	0–0.5	Sediment	Antimony	0.97	mg/kg	UJ
West canyon	21-11265	MD21-01-0205	0–0.5	Sediment	Arsenic	1.1	mg/kg	J
West canyon	21-11265	MD21-01-0205	0–0.5	Sediment	Barium	51.3	mg/kg	None
West canyon	21-11265	MD21-01-0205	0–0.5	Sediment	Beryllium	0.77	mg/kg	None
West canyon	21-11265	MD21-01-0205	0–0.5	Sediment	Cadmium	0.085	mg/kg	J
West canyon	21-11265	MD21-01-0205	0–0.5	Sediment	Calcium	1130	mg/kg	None
West canyon	21-11265	MD21-01-0205	0–0.5	Sediment	Chromium, total	4	mg/kg	None
West canyon	21-11265	MD21-01-0205	0–0.5	Sediment	Cobalt	3.8	mg/kg	J
West canyon	21-11265	MD21-01-0205	0–0.5	Sediment	Copper	6.4	mg/kg	None
West canyon	21-11265	MD21-01-0205	0–0.5	Sediment	Iron	6750	mg/kg	None
West canyon	21-11265	MD21-01-0205	0–0.5	Sediment	Magnesium	536	mg/kg	J
West canyon	21-11265	MD21-01-0205	0–0.5	Sediment	Manganese	279	mg/kg	J+
West canyon	21-11265	MD21-01-0205	0–0.5	Sediment	Mercury	0.021	mg/kg	J
West canyon	21-11265	MD21-01-0205	0–0.5	Sediment	Nickel	4.2	mg/kg	J

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11265	MD21-01-0205	0–0.5	Sediment	Potassium	651	mg/kg	None
West canyon	21-11265	MD21-01-0205	0–0.5	Sediment	Selenium	0.25	mg/kg	U
West canyon	21-11265	MD21-01-0205	0–0.5	Sediment	Silver	0.061	mg/kg	U
West canyon	21-11265	MD21-01-0205	0–0.5	Sediment	Sodium	65.5	mg/kg	J
West canyon	21-11265	MD21-01-0205	0–0.5	Sediment	Thallium	0.049	mg/kg	U
West canyon	21-11265	MD21-01-0205	0–0.5	Sediment	Vanadium	10.2	mg/kg	None
West canyon	21-11265	MD21-01-0205	0–0.5	Sediment	Zinc	48.2	mg/kg	None
West canyon	21-11265	MD21-01-0205	0–0.5	Sediment	Acenaphthylene	2	mg/kg	UJ
West canyon	21-11265	MD21-01-0205	0–0.5	Sediment	Aniline	2	mg/kg	U
West canyon	21-11265	MD21-01-0205	0–0.5	Sediment	Azobenzene	2	mg/kg	U
West canyon	21-11265	MD21-01-0205	0–0.5	Sediment	Benzo(g,h,i)perylene	2	mg/kg	U
West canyon	21-11265	MD21-01-0205	0–0.5	Sediment	Benzoic acid	9.9	mg/kg	UJ
West canyon	21-11265	MD21-01-0205	0–0.5	Sediment	Benzyl alcohol	2	mg/kg	U
West canyon	21-11265	MD21-01-0205	0–0.5	Sediment	Bis(2-chloroethoxy)methane	2	mg/kg	UJ
West canyon	21-11265	MD21-01-0205	0–0.5	Sediment	Bis(2-chloroethyl)ether	2	mg/kg	U
West canyon	21-11265	MD21-01-0205	0–0.5	Sediment	Bis(2-ethylhexyl)phthalate	2	mg/kg	U
West canyon	21-11265	MD21-01-0205	0–0.5	Sediment	Bromophenyl-phenylether[4-]	2	mg/kg	U
West canyon	21-11265	MD21-01-0205	0–0.5	Sediment	Butylbenzylphthalate	2	mg/kg	U
West canyon	21-11265	MD21-01-0205	0–0.5	Sediment	Chloro-3-methylphenol[4-]	2	mg/kg	UJ
West canyon	21-11265	MD21-01-0205	0–0.5	Sediment	Chloroaniline[4-]	2	mg/kg	UJ
West canyon	21-11265	MD21-01-0205	0–0.5	Sediment	Chloronaphthalene[2-]	2	mg/kg	U
West canyon	21-11265	MD21-01-0205	0–0.5	Sediment	Chlorophenol[2-]	2	mg/kg	U
West canyon	21-11265	MD21-01-0205	0–0.5	Sediment	Chlorophenyl-phenyl[4-] ether	2	mg/kg	UJ
West canyon	21-11265	MD21-01-0205	0–0.5	Sediment	Di-n-butylphthalate	2	mg/kg	U
West canyon	21-11265	MD21-01-0205	0–0.5	Sediment	Di-n-octylphthalate	2	mg/kg	U
West canyon	21-11265	MD21-01-0205	0–0.5	Sediment	Dibenzofuran	2	mg/kg	UJ
West canyon	21-11265	MD21-01-0205	0–0.5	Sediment	Dichlorobenzene[1,2-]	2	mg/kg	U
West canyon	21-11265	MD21-01-0205	0–0.5	Sediment	Dichlorobenzene[1,3-]	2	mg/kg	U
West canyon	21-11265	MD21-01-0205	0–0.5	Sediment	Dichlorobenzene[1,4-]	2	mg/kg	U
West canyon	21-11265	MD21-01-0205	0–0.5	Sediment	Dichlorobenzidine[3,3'-]	9.9	mg/kg	U
West canyon	21-11265	MD21-01-0205	0–0.5	Sediment	Dichlorophenol[2,4-]	2	mg/kg	UJ
West canyon	21-11265	MD21-01-0205	0–0.5	Sediment	Diethylphthalate	2	mg/kg	UJ
West canyon	21-11265	MD21-01-0205	0–0.5	Sediment	Dimethyl phthalate	2	mg/kg	UJ
West canyon	21-11265	MD21-01-0205	0–0.5	Sediment	Dimethylphenol[2,4-]	2	mg/kg	UJ
West canyon	21-11265	MD21-01-0205	0–0.5	Sediment	Dinitro-2-methylphenol[4,6-]	9.9	mg/kg	U
West canyon	21-11265	MD21-01-0205	0–0.5	Sediment	Dinitrophenol[2,4-]	9.9	mg/kg	UJ
West canyon	21-11265	MD21-01-0205	0–0.5	Sediment	Dinitrotoluene[2,4-]	2	mg/kg	UJ
West canyon	21-11265	MD21-01-0205	0–0.5	Sediment	Dinitrotoluene[2,6-]	2	mg/kg	UJ
West canyon	21-11265	MD21-01-0205	0–0.5	Sediment	Hexachlorobenzene	2	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11265	MD21-01-0205	0–0.5	Sediment	Hexachlorobutadiene	2	mg/kg	UJ
West canyon	21-11265	MD21-01-0205	0–0.5	Sediment	Hexachlorocyclopentadiene	9.9	mg/kg	UJ
West canyon	21-11265	MD21-01-0205	0–0.5	Sediment	Hexachloroethane	2	mg/kg	U
West canyon	21-11265	MD21-01-0205	0–0.5	Sediment	Indeno(1,2,3-cd)pyrene	2	mg/kg	U
West canyon	21-11265	MD21-01-0205	0–0.5	Sediment	Isophorone	2	mg/kg	U
West canyon	21-11265	MD21-01-0205	0–0.5	Sediment	Methylphenol[2-]	2	mg/kg	U
West canyon	21-11265	MD21-01-0205	0–0.5	Sediment	Methylphenol[4-]	2	mg/kg	U
West canyon	21-11265	MD21-01-0205	0–0.5	Sediment	Nitroaniline[2-]	9.9	mg/kg	UJ
West canyon	21-11265	MD21-01-0205	0–0.5	Sediment	Nitroaniline[3-]	9.9	mg/kg	UJ
West canyon	21-11265	MD21-01-0205	0–0.5	Sediment	Nitroaniline[4-]	9.9	mg/kg	UJ
West canyon	21-11265	MD21-01-0205	0–0.5	Sediment	Nitrobenzene	2	mg/kg	U
West canyon	21-11265	MD21-01-0205	0–0.5	Sediment	Nitrophenol[2-]	2	mg/kg	UJ
West canyon	21-11265	MD21-01-0205	0–0.5	Sediment	Nitrophenol[4-]	9.9	mg/kg	UJ
West canyon	21-11265	MD21-01-0205	0–0.5	Sediment	Nitroso-di-n-propylamine[N-]	2	mg/kg	U
West canyon	21-11265	MD21-01-0205	0–0.5	Sediment	Nitrosodimethylamine[N-]	2	mg/kg	U
West canyon	21-11265	MD21-01-0205	0–0.5	Sediment	Nitrosodiphenylamine[N-]	2	mg/kg	U
West canyon	21-11265	MD21-01-0205	0–0.5	Sediment	Oxybis(1-chloropropane)[2,2'-]	2	mg/kg	U
West canyon	21-11265	MD21-01-0205	0–0.5	Sediment	Pentachlorophenol	9.9	mg/kg	U
West canyon	21-11265	MD21-01-0205	0–0.5	Sediment	Phenol	2	mg/kg	U
West canyon	21-11265	MD21-01-0205	0–0.5	Sediment	Trichlorobenzene[1,2,4-]	2	mg/kg	UJ
West canyon	21-11265	MD21-01-0205	0–0.5	Sediment	Trichlorophenol[2,4,5-]	2	mg/kg	UJ
West canyon	21-11265	MD21-01-0205	0–0.5	Sediment	Trichlorophenol[2,4,6-]	2	mg/kg	UJ
West canyon	21-11265	MD21-01-0205	0–0.5	Sediment	Chlorobenzene	0.006	mg/kg	UJ
West canyon	21-11265	MD21-01-0205	0–0.5	Sediment	Dichlorobenzene[1,4-]	0.006	mg/kg	UJ
West canyon	21-11265	MD21-01-0205	0–0.5	Sediment	Dichloroethene[1,1-]	0.006	mg/kg	UJ
West canyon	21-11265	MD21-01-0205	0–0.5	Sediment	Trichloroethene	0.006	mg/kg	UJ
West canyon	21-11265	MD21-01-0205	0–0.5	Sediment	Trimethylbenzene[1,2,4-]	0.006	mg/kg	UJ
West canyon	21-11265	MD21-01-0205	0–0.5	Sediment	Trimethylbenzene[1,3,5-]	0.006	mg/kg	UJ
West canyon	21-11265	MD21-01-0206	1.7–2	Qbt 3	Aluminum	2490	mg/kg	None
West canyon	21-11265	MD21-01-0206	1.7–2	Qbt 3	Antimony	0.88	mg/kg	UJ
West canyon	21-11265	MD21-01-0206	1.7–2	Qbt 3	Arsenic	0.44	mg/kg	J
West canyon	21-11265	MD21-01-0206	1.7–2	Qbt 3	Barium	30.4	mg/kg	None
West canyon	21-11265	MD21-01-0206	1.7–2	Qbt 3	Beryllium	0.55	mg/kg	J
West canyon	21-11265	MD21-01-0206	1.7–2	Qbt 3	Cadmium	0.07	mg/kg	U
West canyon	21-11265	MD21-01-0206	1.7–2	Qbt 3	Calcium	673	mg/kg	None
West canyon	21-11265	MD21-01-0206	1.7–2	Qbt 3	Chromium, total	4.5	mg/kg	None
West canyon	21-11265	MD21-01-0206	1.7–2	Qbt 3	Cobalt	0.55	mg/kg	U
West canyon	21-11265	MD21-01-0206	1.7–2	Qbt 3	Copper	5	mg/kg	None
West canyon	21-11265	MD21-01-0206	1.7–2	Qbt 3	Iron	4980	mg/kg	None

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11265	MD21-01-0206	1.7–2	Qbt 3	Magnesium	259	mg/kg	J
West canyon	21-11265	MD21-01-0206	1.7–2	Qbt 3	Manganese	268	mg/kg	J+
West canyon	21-11265	MD21-01-0206	1.7–2	Qbt 3	Mercury	0.019	mg/kg	U
West canyon	21-11265	MD21-01-0206	1.7–2	Qbt 3	Nickel	4.7	mg/kg	None
West canyon	21-11265	MD21-01-0206	1.7–2	Qbt 3	Potassium	260	mg/kg	U
West canyon	21-11265	MD21-01-0206	1.7–2	Qbt 3	Selenium	0.43	mg/kg	J
West canyon	21-11265	MD21-01-0206	1.7–2	Qbt 3	Silver	0.045	mg/kg	U
West canyon	21-11265	MD21-01-0206	1.7–2	Qbt 3	Sodium	78.7	mg/kg	J
West canyon	21-11265	MD21-01-0206	1.7–2	Qbt 3	Thallium	0.012	mg/kg	U
West canyon	21-11265	MD21-01-0206	1.7–2	Qbt 3	Vanadium	3.4	mg/kg	J
West canyon	21-11265	MD21-01-0206	1.7–2	Qbt 3	Zinc	50.7	mg/kg	None
West canyon	21-11265	MD21-01-0206	1.7–2	Qbt 3	Acenaphthylene	0.37	mg/kg	U
West canyon	21-11265	MD21-01-0206	1.7–2	Qbt 3	Aniline	0.37	mg/kg	U
West canyon	21-11265	MD21-01-0206	1.7–2	Qbt 3	Azobenzene	0.37	mg/kg	U
West canyon	21-11265	MD21-01-0206	1.7–2	Qbt 3	Benzo(g,h,i)perylene	0.37	mg/kg	U
West canyon	21-11265	MD21-01-0206	1.7–2	Qbt 3	Benzoic acid	1.8	mg/kg	U
West canyon	21-11265	MD21-01-0206	1.7–2	Qbt 3	Benzyl alcohol	0.37	mg/kg	U
West canyon	21-11265	MD21-01-0206	1.7–2	Qbt 3	Bis(2-chloroethoxy)methane	0.37	mg/kg	U
West canyon	21-11265	MD21-01-0206	1.7–2	Qbt 3	Bis(2-chloroethyl)ether	0.37	mg/kg	U
West canyon	21-11265	MD21-01-0206	1.7–2	Qbt 3	Bis(2-ethylhexyl)phthalate	0.37	mg/kg	U
West canyon	21-11265	MD21-01-0206	1.7–2	Qbt 3	Bromophenyl-phenylether[4-]	0.37	mg/kg	U
West canyon	21-11265	MD21-01-0206	1.7–2	Qbt 3	Butylbenzylphthalate	0.37	mg/kg	U
West canyon	21-11265	MD21-01-0206	1.7–2	Qbt 3	Chloro-3-methylphenol[4-]	0.37	mg/kg	U
West canyon	21-11265	MD21-01-0206	1.7–2	Qbt 3	Chloroaniline[4-]	0.37	mg/kg	U
West canyon	21-11265	MD21-01-0206	1.7–2	Qbt 3	Chloronaphthalene[2-]	0.37	mg/kg	U
West canyon	21-11265	MD21-01-0206	1.7–2	Qbt 3	Chlorophenol[2-]	0.37	mg/kg	U
West canyon	21-11265	MD21-01-0206	1.7–2	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.37	mg/kg	U
West canyon	21-11265	MD21-01-0206	1.7–2	Qbt 3	Di-n-butylphthalate	0.37	mg/kg	U
West canyon	21-11265	MD21-01-0206	1.7–2	Qbt 3	Di-n-octylphthalate	0.37	mg/kg	U
West canyon	21-11265	MD21-01-0206	1.7–2	Qbt 3	Dibenzofuran	0.37	mg/kg	U
West canyon	21-11265	MD21-01-0206	1.7–2	Qbt 3	Dichlorobenzene[1,2-]	0.37	mg/kg	U
West canyon	21-11265	MD21-01-0206	1.7–2	Qbt 3	Dichlorobenzene[1,3-]	0.37	mg/kg	U
West canyon	21-11265	MD21-01-0206	1.7–2	Qbt 3	Dichlorobenzene[1,4-]	0.37	mg/kg	U
West canyon	21-11265	MD21-01-0206	1.7–2	Qbt 3	Dichlorobenzidine[3,3'-]	1.8	mg/kg	U
West canyon	21-11265	MD21-01-0206	1.7–2	Qbt 3	Dichlorophenol[2,4-]	0.37	mg/kg	U
West canyon	21-11265	MD21-01-0206	1.7–2	Qbt 3	Diethylphthalate	0.37	mg/kg	U
West canyon	21-11265	MD21-01-0206	1.7–2	Qbt 3	Dimethyl phthalate	0.37	mg/kg	U
West canyon	21-11265	MD21-01-0206	1.7–2	Qbt 3	Dimethylphenol[2,4-]	0.37	mg/kg	U
West canyon	21-11265	MD21-01-0206	1.7–2	Qbt 3	Dinitro-2-methylphenol[4,6-]	1.8	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11265	MD21-01-0206	1.7–2	Qbt 3	Dinitrophenol[2,4-]	1.8	mg/kg	U
West canyon	21-11265	MD21-01-0206	1.7–2	Qbt 3	Dinitrotoluene[2,4-]	0.37	mg/kg	U
West canyon	21-11265	MD21-01-0206	1.7–2	Qbt 3	Dinitrotoluene[2,6-]	0.37	mg/kg	U
West canyon	21-11265	MD21-01-0206	1.7–2	Qbt 3	Hexachlorobenzene	0.37	mg/kg	U
West canyon	21-11265	MD21-01-0206	1.7–2	Qbt 3	Hexachlorobutadiene	0.37	mg/kg	U
West canyon	21-11265	MD21-01-0206	1.7–2	Qbt 3	Hexachlorocyclopentadiene	1.8	mg/kg	U
West canyon	21-11265	MD21-01-0206	1.7–2	Qbt 3	Hexachloroethane	0.37	mg/kg	U
West canyon	21-11265	MD21-01-0206	1.7–2	Qbt 3	Indeno(1,2,3-cd)pyrene	0.37	mg/kg	U
West canyon	21-11265	MD21-01-0206	1.7–2	Qbt 3	Isophorone	0.37	mg/kg	U
West canyon	21-11265	MD21-01-0206	1.7–2	Qbt 3	Methylphenol[2-]	0.37	mg/kg	U
West canyon	21-11265	MD21-01-0206	1.7–2	Qbt 3	Methylphenol[4-]	0.37	mg/kg	U
West canyon	21-11265	MD21-01-0206	1.7–2	Qbt 3	Nitroaniline[2-]	1.8	mg/kg	U
West canyon	21-11265	MD21-01-0206	1.7–2	Qbt 3	Nitroaniline[3-]	1.8	mg/kg	U
West canyon	21-11265	MD21-01-0206	1.7–2	Qbt 3	Nitroaniline[4-]	1.8	mg/kg	U
West canyon	21-11265	MD21-01-0206	1.7–2	Qbt 3	Nitrobenzene	0.37	mg/kg	U
West canyon	21-11265	MD21-01-0206	1.7–2	Qbt 3	Nitrophenol[2-]	0.37	mg/kg	U
West canyon	21-11265	MD21-01-0206	1.7–2	Qbt 3	Nitrophenol[4-]	1.8	mg/kg	U
West canyon	21-11265	MD21-01-0206	1.7–2	Qbt 3	Nitroso-di-n-propylamine[N-]	0.37	mg/kg	U
West canyon	21-11265	MD21-01-0206	1.7–2	Qbt 3	Nitrosodimethylamine[N-]	0.37	mg/kg	U
West canyon	21-11265	MD21-01-0206	1.7–2	Qbt 3	Nitrosodiphenylamine[N-]	0.37	mg/kg	U
West canyon	21-11265	MD21-01-0206	1.7–2	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.37	mg/kg	U
West canyon	21-11265	MD21-01-0206	1.7–2	Qbt 3	Pentachlorophenol	1.8	mg/kg	U
West canyon	21-11265	MD21-01-0206	1.7–2	Qbt 3	Phenol	0.37	mg/kg	U
West canyon	21-11265	MD21-01-0206	1.7–2	Qbt 3	Trichlorobenzene[1,2,4-]	0.37	mg/kg	U
West canyon	21-11265	MD21-01-0206	1.7–2	Qbt 3	Trichlorophenol[2,4,5-]	0.37	mg/kg	U
West canyon	21-11265	MD21-01-0206	1.7–2	Qbt 3	Trichlorophenol[2,4,6-]	0.37	mg/kg	U
West canyon	21-11265	MD21-01-0206	1.7–2	Qbt 3	Chlorobenzene	0.0061	mg/kg	U
West canyon	21-11265	MD21-01-0206	1.7–2	Qbt 3	Dichlorobenzene[1,4-]	0.0061	mg/kg	U
West canyon	21-11265	MD21-01-0206	1.7–2	Qbt 3	Dichloroethene[1,1-]	0.0061	mg/kg	U
West canyon	21-11265	MD21-01-0206	1.7–2	Qbt 3	Trichloroethene	0.0061	mg/kg	U
West canyon	21-11265	MD21-01-0206	1.7–2	Qbt 3	Trimethylbenzene[1,2,4-]	0.0021	mg/kg	J
West canyon	21-11265	MD21-01-0206	1.7–2	Qbt 3	Trimethylbenzene[1,3,5-]	0.0061	mg/kg	U
West canyon	21-11265	MD21-01-0207	5–5.5	Qbt 3	Aluminum	1140	mg/kg	None
West canyon	21-11265	MD21-01-0207	5–5.5	Qbt 3	Antimony	0.88	mg/kg	UJ
West canyon	21-11265	MD21-01-0207	5–5.5	Qbt 3	Arsenic	0.12	mg/kg	U
West canyon	21-11265	MD21-01-0207	5–5.5	Qbt 3	Barium	15.1	mg/kg	J
West canyon	21-11265	MD21-01-0207	5–5.5	Qbt 3	Beryllium	0.32	mg/kg	J
West canyon	21-11265	MD21-01-0207	5–5.5	Qbt 3	Cadmium	0.07	mg/kg	U
West canyon	21-11265	MD21-01-0207	5–5.5	Qbt 3	Calcium	133	mg/kg	J

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11265	MD21-01-0207	5–5.5	Qbt 3	Chromium, total	0.79	mg/kg	J
West canyon	21-11265	MD21-01-0207	5–5.5	Qbt 3	Cobalt	0.55	mg/kg	U
West canyon	21-11265	MD21-01-0207	5–5.5	Qbt 3	Copper	1.1	mg/kg	J
West canyon	21-11265	MD21-01-0207	5–5.5	Qbt 3	Iron	3700	mg/kg	None
West canyon	21-11265	MD21-01-0207	5–5.5	Qbt 3	Magnesium	47.2	mg/kg	J
West canyon	21-11265	MD21-01-0207	5–5.5	Qbt 3	Manganese	321	mg/kg	J+
West canyon	21-11265	MD21-01-0207	5–5.5	Qbt 3	Mercury	0.019	mg/kg	U
West canyon	21-11265	MD21-01-0207	5–5.5	Qbt 3	Nickel	1.4	mg/kg	U
West canyon	21-11265	MD21-01-0207	5–5.5	Qbt 3	Potassium	261	mg/kg	U
West canyon	21-11265	MD21-01-0207	5–5.5	Qbt 3	Selenium	0.62	mg/kg	None
West canyon	21-11265	MD21-01-0207	5–5.5	Qbt 3	Silver	0.035	mg/kg	U
West canyon	21-11265	MD21-01-0207	5–5.5	Qbt 3	Sodium	74	mg/kg	J
West canyon	21-11265	MD21-01-0207	5–5.5	Qbt 3	Thallium	0.012	mg/kg	U
West canyon	21-11265	MD21-01-0207	5–5.5	Qbt 3	Vanadium	0.43	mg/kg	J
West canyon	21-11265	MD21-01-0207	5–5.5	Qbt 3	Zinc	37.9	mg/kg	None
West canyon	21-11265	MD21-01-0207	5–5.5	Qbt 3	Acenaphthylene	0.37	mg/kg	U
West canyon	21-11265	MD21-01-0207	5–5.5	Qbt 3	Aniline	0.37	mg/kg	U
West canyon	21-11265	MD21-01-0207	5–5.5	Qbt 3	Azobenzene	0.37	mg/kg	U
West canyon	21-11265	MD21-01-0207	5–5.5	Qbt 3	Benzo(g,h,i)perylene	0.37	mg/kg	U
West canyon	21-11265	MD21-01-0207	5–5.5	Qbt 3	Benzoic acid	1.8	mg/kg	U
West canyon	21-11265	MD21-01-0207	5–5.5	Qbt 3	Benzyl alcohol	0.37	mg/kg	U
West canyon	21-11265	MD21-01-0207	5–5.5	Qbt 3	Bis(2-chloroethoxy)methane	0.37	mg/kg	U
West canyon	21-11265	MD21-01-0207	5–5.5	Qbt 3	Bis(2-chloroethyl)ether	0.37	mg/kg	U
West canyon	21-11265	MD21-01-0207	5–5.5	Qbt 3	Bis(2-ethylhexyl)phthalate	0.37	mg/kg	U
West canyon	21-11265	MD21-01-0207	5–5.5	Qbt 3	Bromophenyl-phenylether[4-]	0.37	mg/kg	U
West canyon	21-11265	MD21-01-0207	5–5.5	Qbt 3	Butylbenzylphthalate	0.37	mg/kg	U
West canyon	21-11265	MD21-01-0207	5–5.5	Qbt 3	Chloro-3-methylphenol[4-]	0.37	mg/kg	U
West canyon	21-11265	MD21-01-0207	5–5.5	Qbt 3	Chloroaniline[4-]	0.37	mg/kg	U
West canyon	21-11265	MD21-01-0207	5–5.5	Qbt 3	Chloronaphthalene[2-]	0.37	mg/kg	U
West canyon	21-11265	MD21-01-0207	5–5.5	Qbt 3	Chlorophenol[2-]	0.37	mg/kg	U
West canyon	21-11265	MD21-01-0207	5–5.5	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.37	mg/kg	U
West canyon	21-11265	MD21-01-0207	5–5.5	Qbt 3	Di-n-butylphthalate	0.37	mg/kg	U
West canyon	21-11265	MD21-01-0207	5–5.5	Qbt 3	Di-n-octylphthalate	0.37	mg/kg	U
West canyon	21-11265	MD21-01-0207	5–5.5	Qbt 3	Dibenzofuran	0.37	mg/kg	U
West canyon	21-11265	MD21-01-0207	5–5.5	Qbt 3	Dichlorobenzene[1,2-]	0.37	mg/kg	U
West canyon	21-11265	MD21-01-0207	5–5.5	Qbt 3	Dichlorobenzene[1,3-]	0.37	mg/kg	U
West canyon	21-11265	MD21-01-0207	5–5.5	Qbt 3	Dichlorobenzene[1,4-]	0.37	mg/kg	U
West canyon	21-11265	MD21-01-0207	5–5.5	Qbt 3	Dichlorobenzidine[3,3'-]	1.8	mg/kg	U
West canyon	21-11265	MD21-01-0207	5–5.5	Qbt 3	Dichlorophenol[2,4-]	0.37	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11265	MD21-01-0207	5–5.5	Qbt 3	Diethylphthalate	0.37	mg/kg	U
West canyon	21-11265	MD21-01-0207	5–5.5	Qbt 3	Dimethyl phthalate	0.37	mg/kg	U
West canyon	21-11265	MD21-01-0207	5–5.5	Qbt 3	Dimethylphenol[2,4-]	0.37	mg/kg	U
West canyon	21-11265	MD21-01-0207	5–5.5	Qbt 3	Dinitro-2-methylphenol[4,6-]	1.8	mg/kg	U
West canyon	21-11265	MD21-01-0207	5–5.5	Qbt 3	Dinitrophenol[2,4-]	1.8	mg/kg	U
West canyon	21-11265	MD21-01-0207	5–5.5	Qbt 3	Dinitrotoluene[2,4-]	0.37	mg/kg	U
West canyon	21-11265	MD21-01-0207	5–5.5	Qbt 3	Dinitrotoluene[2,6-]	0.37	mg/kg	U
West canyon	21-11265	MD21-01-0207	5–5.5	Qbt 3	Hexachlorobenzene	0.37	mg/kg	U
West canyon	21-11265	MD21-01-0207	5–5.5	Qbt 3	Hexachlorobutadiene	0.37	mg/kg	U
West canyon	21-11265	MD21-01-0207	5–5.5	Qbt 3	Hexachlorocyclopentadiene	1.8	mg/kg	U
West canyon	21-11265	MD21-01-0207	5–5.5	Qbt 3	Hexachloroethane	0.37	mg/kg	U
West canyon	21-11265	MD21-01-0207	5–5.5	Qbt 3	Indeno(1,2,3-cd)pyrene	0.37	mg/kg	U
West canyon	21-11265	MD21-01-0207	5–5.5	Qbt 3	Isophorone	0.37	mg/kg	U
West canyon	21-11265	MD21-01-0207	5–5.5	Qbt 3	Methylphenol[2-]	0.37	mg/kg	U
West canyon	21-11265	MD21-01-0207	5–5.5	Qbt 3	Methylphenol[4-]	0.37	mg/kg	U
West canyon	21-11265	MD21-01-0207	5–5.5	Qbt 3	Nitroaniline[2-]	1.8	mg/kg	U
West canyon	21-11265	MD21-01-0207	5–5.5	Qbt 3	Nitroaniline[3-]	1.8	mg/kg	U
West canyon	21-11265	MD21-01-0207	5–5.5	Qbt 3	Nitroaniline[4-]	1.8	mg/kg	U
West canyon	21-11265	MD21-01-0207	5–5.5	Qbt 3	Nitrobenzene	0.37	mg/kg	U
West canyon	21-11265	MD21-01-0207	5–5.5	Qbt 3	Nitrophenol[2-]	0.37	mg/kg	U
West canyon	21-11265	MD21-01-0207	5–5.5	Qbt 3	Nitrophenol[4-]	1.8	mg/kg	U
West canyon	21-11265	MD21-01-0207	5–5.5	Qbt 3	Nitroso-di-n-propylamine[N-]	0.37	mg/kg	U
West canyon	21-11265	MD21-01-0207	5–5.5	Qbt 3	Nitrosodimethylamine[N-]	0.37	mg/kg	U
West canyon	21-11265	MD21-01-0207	5–5.5	Qbt 3	Nitrosodiphenylamine[N-]	0.37	mg/kg	U
West canyon	21-11265	MD21-01-0207	5–5.5	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.37	mg/kg	U
West canyon	21-11265	MD21-01-0207	5–5.5	Qbt 3	Pentachlorophenol	1.8	mg/kg	U
West canyon	21-11265	MD21-01-0207	5–5.5	Qbt 3	Phenol	0.37	mg/kg	U
West canyon	21-11265	MD21-01-0207	5–5.5	Qbt 3	Trichlorobenzene[1,2,4-]	0.37	mg/kg	U
West canyon	21-11265	MD21-01-0207	5–5.5	Qbt 3	Trichlorophenol[2,4,5-]	0.37	mg/kg	U
West canyon	21-11265	MD21-01-0207	5–5.5	Qbt 3	Trichlorophenol[2,4,6-]	0.37	mg/kg	U
West canyon	21-11265	MD21-01-0207	5–5.5	Qbt 3	Chlorobenzene	0.0057	mg/kg	U
West canyon	21-11265	MD21-01-0207	5–5.5	Qbt 3	Dichlorobenzene[1,4-]	0.0057	mg/kg	U
West canyon	21-11265	MD21-01-0207	5–5.5	Qbt 3	Dichloroethene[1,1-]	0.0057	mg/kg	U
West canyon	21-11265	MD21-01-0207	5–5.5	Qbt 3	Trichloroethene	0.0057	mg/kg	U
West canyon	21-11265	MD21-01-0207	5–5.5	Qbt 3	Trimethylbenzene[1,2,4-]	0.0057	mg/kg	U
West canyon	21-11265	MD21-01-0207	5–5.5	Qbt 3	Trimethylbenzene[1,3,5-]	0.0057	mg/kg	U
West canyon	21-11266	MD21-01-0208	0–0.5	Sediment	Aluminum	15200	mg/kg	None
West canyon	21-11266	MD21-01-0208	0–0.5	Sediment	Antimony	1	mg/kg	UJ
West canyon	21-11266	MD21-01-0208	0–0.5	Sediment	Arsenic	1.3	mg/kg	J

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11266	MD21-01-0208	0–0.5	Sediment	Barium	106	mg/kg	None
West canyon	21-11266	MD21-01-0208	0–0.5	Sediment	Beryllium	1.6	mg/kg	None
West canyon	21-11266	MD21-01-0208	0–0.5	Sediment	Cadmium	0.081	mg/kg	U
West canyon	21-11266	MD21-01-0208	0–0.5	Sediment	Calcium	3070	mg/kg	None
West canyon	21-11266	MD21-01-0208	0–0.5	Sediment	Chromium, total	10.2	mg/kg	None
West canyon	21-11266	MD21-01-0208	0–0.5	Sediment	Cobalt	2.5	mg/kg	J
West canyon	21-11266	MD21-01-0208	0–0.5	Sediment	Copper	8.8	mg/kg	None
West canyon	21-11266	MD21-01-0208	0–0.5	Sediment	Iron	13600	mg/kg	None
West canyon	21-11266	MD21-01-0208	0–0.5	Sediment	Magnesium	1630	mg/kg	None
West canyon	21-11266	MD21-01-0208	0–0.5	Sediment	Manganese	364	mg/kg	J+
West canyon	21-11266	MD21-01-0208	0–0.5	Sediment	Mercury	0.043	mg/kg	J+
West canyon	21-11266	MD21-01-0208	0–0.5	Sediment	Nickel	8.1	mg/kg	None
West canyon	21-11266	MD21-01-0208	0–0.5	Sediment	Potassium	1340	mg/kg	None
West canyon	21-11266	MD21-01-0208	0–0.5	Sediment	Selenium	0.26	mg/kg	U
West canyon	21-11266	MD21-01-0208	0–0.5	Sediment	Silver	0.22	mg/kg	J
West canyon	21-11266	MD21-01-0208	0–0.5	Sediment	Sodium	195	mg/kg	J
West canyon	21-11266	MD21-01-0208	0–0.5	Sediment	Thallium	0.12	mg/kg	U
West canyon	21-11266	MD21-01-0208	0–0.5	Sediment	Vanadium	12.8	mg/kg	None
West canyon	21-11266	MD21-01-0208	0–0.5	Sediment	Zinc	52.7	mg/kg	None
West canyon	21-11266	MD21-01-0208	0–0.5	Sediment	Acenaphthylene	0.43	mg/kg	U
West canyon	21-11266	MD21-01-0208	0–0.5	Sediment	Aniline	0.43	mg/kg	U
West canyon	21-11266	MD21-01-0208	0–0.5	Sediment	Azobenzene	0.43	mg/kg	U
West canyon	21-11266	MD21-01-0208	0–0.5	Sediment	Benzo(g,h,i)perylene	0.43	mg/kg	U
West canyon	21-11266	MD21-01-0208	0–0.5	Sediment	Benzoic acid	2.1	mg/kg	U
West canyon	21-11266	MD21-01-0208	0–0.5	Sediment	Benzyl alcohol	0.43	mg/kg	U
West canyon	21-11266	MD21-01-0208	0–0.5	Sediment	Bis(2-chloroethoxy)methane	0.43	mg/kg	U
West canyon	21-11266	MD21-01-0208	0–0.5	Sediment	Bis(2-chloroethyl)ether	0.43	mg/kg	U
West canyon	21-11266	MD21-01-0208	0–0.5	Sediment	Bis(2-ethylhexyl)phthalate	0.43	mg/kg	U
West canyon	21-11266	MD21-01-0208	0–0.5	Sediment	Bromophenyl-phenylether[4-]	0.43	mg/kg	U
West canyon	21-11266	MD21-01-0208	0–0.5	Sediment	Butylbenzylphthalate	0.43	mg/kg	U
West canyon	21-11266	MD21-01-0208	0–0.5	Sediment	Chloro-3-methylphenol[4-]	0.43	mg/kg	U
West canyon	21-11266	MD21-01-0208	0–0.5	Sediment	Chloroaniline[4-]	0.43	mg/kg	U
West canyon	21-11266	MD21-01-0208	0–0.5	Sediment	Chloronaphthalene[2-]	0.43	mg/kg	U
West canyon	21-11266	MD21-01-0208	0–0.5	Sediment	Chlorophenol[2-]	0.43	mg/kg	U
West canyon	21-11266	MD21-01-0208	0–0.5	Sediment	Chlorophenyl-phenyl[4-] ether	0.43	mg/kg	U
West canyon	21-11266	MD21-01-0208	0–0.5	Sediment	Di-n-butylphthalate	0.43	mg/kg	U
West canyon	21-11266	MD21-01-0208	0–0.5	Sediment	Di-n-octylphthalate	0.43	mg/kg	U
West canyon	21-11266	MD21-01-0208	0–0.5	Sediment	Dibenzofuran	0.43	mg/kg	U
West canyon	21-11266	MD21-01-0208	0–0.5	Sediment	Dichlorobenzene[1,2-]	0.43	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11266	MD21-01-0208	0–0.5	Sediment	Dichlorobenzene[1,3-]	0.43	mg/kg	U
West canyon	21-11266	MD21-01-0208	0–0.5	Sediment	Dichlorobenzene[1,4-]	0.43	mg/kg	U
West canyon	21-11266	MD21-01-0208	0–0.5	Sediment	Dichlorobenzidine[3,3'-]	2.1	mg/kg	U
West canyon	21-11266	MD21-01-0208	0–0.5	Sediment	Dichlorophenol[2,4-]	0.43	mg/kg	U
West canyon	21-11266	MD21-01-0208	0–0.5	Sediment	Diethylphthalate	0.43	mg/kg	U
West canyon	21-11266	MD21-01-0208	0–0.5	Sediment	Dimethyl phthalate	0.43	mg/kg	U
West canyon	21-11266	MD21-01-0208	0–0.5	Sediment	Dimethylphenol[2,4-]	0.43	mg/kg	U
West canyon	21-11266	MD21-01-0208	0–0.5	Sediment	Dinitro-2-methylphenol[4,6-]	2.1	mg/kg	U
West canyon	21-11266	MD21-01-0208	0–0.5	Sediment	Dinitrophenol[2,4-]	2.1	mg/kg	U
West canyon	21-11266	MD21-01-0208	0–0.5	Sediment	Dinitrotoluene[2,4-]	0.43	mg/kg	U
West canyon	21-11266	MD21-01-0208	0–0.5	Sediment	Dinitrotoluene[2,6-]	0.43	mg/kg	U
West canyon	21-11266	MD21-01-0208	0–0.5	Sediment	Hexachlorobenzene	0.43	mg/kg	U
West canyon	21-11266	MD21-01-0208	0–0.5	Sediment	Hexachlorobutadiene	0.43	mg/kg	U
West canyon	21-11266	MD21-01-0208	0–0.5	Sediment	Hexachlorocyclopentadiene	2.1	mg/kg	U
West canyon	21-11266	MD21-01-0208	0–0.5	Sediment	Hexachloroethane	0.43	mg/kg	U
West canyon	21-11266	MD21-01-0208	0–0.5	Sediment	Indeno(1,2,3-cd)pyrene	0.43	mg/kg	U
West canyon	21-11266	MD21-01-0208	0–0.5	Sediment	Isophorone	0.43	mg/kg	U
West canyon	21-11266	MD21-01-0208	0–0.5	Sediment	Methylphenol[2-]	0.43	mg/kg	U
West canyon	21-11266	MD21-01-0208	0–0.5	Sediment	Methylphenol[4-]	0.43	mg/kg	U
West canyon	21-11266	MD21-01-0208	0–0.5	Sediment	Nitroaniline[2-]	2.1	mg/kg	U
West canyon	21-11266	MD21-01-0208	0–0.5	Sediment	Nitroaniline[3-]	2.1	mg/kg	U
West canyon	21-11266	MD21-01-0208	0–0.5	Sediment	Nitroaniline[4-]	2.1	mg/kg	U
West canyon	21-11266	MD21-01-0208	0–0.5	Sediment	Nitrobenzene	0.43	mg/kg	U
West canyon	21-11266	MD21-01-0208	0–0.5	Sediment	Nitrophenol[2-]	0.43	mg/kg	U
West canyon	21-11266	MD21-01-0208	0–0.5	Sediment	Nitrophenol[4-]	2.1	mg/kg	U
West canyon	21-11266	MD21-01-0208	0–0.5	Sediment	Nitroso-di-n-propylamine[N-]	0.43	mg/kg	U
West canyon	21-11266	MD21-01-0208	0–0.5	Sediment	Nitrosodimethylamine[N-]	0.43	mg/kg	U
West canyon	21-11266	MD21-01-0208	0–0.5	Sediment	Nitrosodiphenylamine[N-]	0.43	mg/kg	U
West canyon	21-11266	MD21-01-0208	0–0.5	Sediment	Oxybis(1-chloropropane)[2,2'-]	0.43	mg/kg	U
West canyon	21-11266	MD21-01-0208	0–0.5	Sediment	Pentachlorophenol	2.1	mg/kg	U
West canyon	21-11266	MD21-01-0208	0–0.5	Sediment	Phenol	0.43	mg/kg	U
West canyon	21-11266	MD21-01-0208	0–0.5	Sediment	Trichlorobenzene[1,2,4-]	0.43	mg/kg	U
West canyon	21-11266	MD21-01-0208	0–0.5	Sediment	Trichlorophenol[2,4,5-]	0.43	mg/kg	U
West canyon	21-11266	MD21-01-0208	0–0.5	Sediment	Trichlorophenol[2,4,6-]	0.43	mg/kg	U
West canyon	21-11266	MD21-01-0208	0–0.5	Sediment	Trimethylbenzene[1,2,4-]	0.0076	mg/kg	None
West canyon	21-11266	MD21-01-0208	0–0.5	Sediment	Trimethylbenzene[1,3,5-]	0.0059	mg/kg	U
West canyon	21-11266	MD21-01-0209	1.5–2.5	Qbt 3	Aluminum	1800	mg/kg	None
West canyon	21-11266	MD21-01-0209	1.5–2.5	Qbt 3	Antimony	0.85	mg/kg	UJ
West canyon	21-11266	MD21-01-0209	1.5–2.5	Qbt 3	Arsenic	0.43	mg/kg	J

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11266	MD21-01-0209	1.5–2.5	Qbt 3	Barium	21	mg/kg	J
West canyon	21-11266	MD21-01-0209	1.5–2.5	Qbt 3	Beryllium	0.8	mg/kg	None
West canyon	21-11266	MD21-01-0209	1.5–2.5	Qbt 3	Cadmium	0.068	mg/kg	U
West canyon	21-11266	MD21-01-0209	1.5–2.5	Qbt 3	Calcium	174	mg/kg	J
West canyon	21-11266	MD21-01-0209	1.5–2.5	Qbt 3	Chromium, total	0.7	mg/kg	J
West canyon	21-11266	MD21-01-0209	1.5–2.5	Qbt 3	Cobalt	0.53	mg/kg	U
West canyon	21-11266	MD21-01-0209	1.5–2.5	Qbt 3	Copper	2.9	mg/kg	None
West canyon	21-11266	MD21-01-0209	1.5–2.5	Qbt 3	Iron	4900	mg/kg	None
West canyon	21-11266	MD21-01-0209	1.5–2.5	Qbt 3	Magnesium	88.2	mg/kg	J
West canyon	21-11266	MD21-01-0209	1.5–2.5	Qbt 3	Manganese	334	mg/kg	J+
West canyon	21-11266	MD21-01-0209	1.5–2.5	Qbt 3	Mercury	0.018	mg/kg	U
West canyon	21-11266	MD21-01-0209	1.5–2.5	Qbt 3	Nickel	1.4	mg/kg	U
West canyon	21-11266	MD21-01-0209	1.5–2.5	Qbt 3	Potassium	253	mg/kg	U
West canyon	21-11266	MD21-01-0209	1.5–2.5	Qbt 3	Selenium	0.21	mg/kg	U
West canyon	21-11266	MD21-01-0209	1.5–2.5	Qbt 3	Silver	0.041	mg/kg	U
West canyon	21-11266	MD21-01-0209	1.5–2.5	Qbt 3	Sodium	106	mg/kg	J
West canyon	21-11266	MD21-01-0209	1.5–2.5	Qbt 3	Thallium	0.012	mg/kg	U
West canyon	21-11266	MD21-01-0209	1.5–2.5	Qbt 3	Vanadium	0.55	mg/kg	J
West canyon	21-11266	MD21-01-0209	1.5–2.5	Qbt 3	Zinc	42.2	mg/kg	None
West canyon	21-11266	MD21-01-0209	1.5–2.5	Qbt 3	Acenaphthylene	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0209	1.5–2.5	Qbt 3	Aniline	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0209	1.5–2.5	Qbt 3	Azobenzene	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0209	1.5–2.5	Qbt 3	Benzo(g,h,i)perylene	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0209	1.5–2.5	Qbt 3	Benzoic acid	1.7	mg/kg	U
West canyon	21-11266	MD21-01-0209	1.5–2.5	Qbt 3	Benzyl alcohol	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0209	1.5–2.5	Qbt 3	Bis(2-chloroethoxy)methane	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0209	1.5–2.5	Qbt 3	Bis(2-chloroethyl)ether	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0209	1.5–2.5	Qbt 3	Bis(2-ethylhexyl)phthalate	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0209	1.5–2.5	Qbt 3	Bromophenyl-phenylether[4-]	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0209	1.5–2.5	Qbt 3	Butylbenzylphthalate	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0209	1.5–2.5	Qbt 3	Chloro-3-methylphenol[4-]	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0209	1.5–2.5	Qbt 3	Chloroaniline[4-]	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0209	1.5–2.5	Qbt 3	Chloronaphthalene[2-]	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0209	1.5–2.5	Qbt 3	Chlorophenol[2-]	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0209	1.5–2.5	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0209	1.5–2.5	Qbt 3	Di-n-butylphthalate	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0209	1.5–2.5	Qbt 3	Di-n-octylphthalate	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0209	1.5–2.5	Qbt 3	Dibenzofuran	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0209	1.5–2.5	Qbt 3	Dichlorobenzene[1,2-]	0.36	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11266	MD21-01-0209	1.5–2.5	Qbt 3	Dichlorobenzene[1,3-]	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0209	1.5–2.5	Qbt 3	Dichlorobenzene[1,4-]	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0209	1.5–2.5	Qbt 3	Dichlorobenzidine[3,3'-]	1.7	mg/kg	U
West canyon	21-11266	MD21-01-0209	1.5–2.5	Qbt 3	Dichlorophenol[2,4-]	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0209	1.5–2.5	Qbt 3	Diethylphthalate	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0209	1.5–2.5	Qbt 3	Dimethyl phthalate	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0209	1.5–2.5	Qbt 3	Dimethylphenol[2,4-]	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0209	1.5–2.5	Qbt 3	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
West canyon	21-11266	MD21-01-0209	1.5–2.5	Qbt 3	Dinitrophenol[2,4-]	1.7	mg/kg	U
West canyon	21-11266	MD21-01-0209	1.5–2.5	Qbt 3	Dinitrotoluene[2,4-]	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0209	1.5–2.5	Qbt 3	Dinitrotoluene[2,6-]	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0209	1.5–2.5	Qbt 3	Hexachlorobenzene	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0209	1.5–2.5	Qbt 3	Hexachlorobutadiene	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0209	1.5–2.5	Qbt 3	Hexachlorocyclopentadiene	1.7	mg/kg	U
West canyon	21-11266	MD21-01-0209	1.5–2.5	Qbt 3	Hexachloroethane	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0209	1.5–2.5	Qbt 3	Indeno(1,2,3-cd)pyrene	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0209	1.5–2.5	Qbt 3	Isophorone	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0209	1.5–2.5	Qbt 3	Methylphenol[2-]	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0209	1.5–2.5	Qbt 3	Methylphenol[4-]	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0209	1.5–2.5	Qbt 3	Nitroaniline[2-]	1.7	mg/kg	U
West canyon	21-11266	MD21-01-0209	1.5–2.5	Qbt 3	Nitroaniline[3-]	1.7	mg/kg	U
West canyon	21-11266	MD21-01-0209	1.5–2.5	Qbt 3	Nitroaniline[4-]	1.7	mg/kg	U
West canyon	21-11266	MD21-01-0209	1.5–2.5	Qbt 3	Nitrobenzene	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0209	1.5–2.5	Qbt 3	Nitrophenol[2-]	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0209	1.5–2.5	Qbt 3	Nitrophenol[4-]	1.7	mg/kg	U
West canyon	21-11266	MD21-01-0209	1.5–2.5	Qbt 3	Nitroso-di-n-propylamine[N-]	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0209	1.5–2.5	Qbt 3	Nitrosodimethylamine[N-]	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0209	1.5–2.5	Qbt 3	Nitrosodiphenylamine[N-]	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0209	1.5–2.5	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0209	1.5–2.5	Qbt 3	Pentachlorophenol	1.7	mg/kg	U
West canyon	21-11266	MD21-01-0209	1.5–2.5	Qbt 3	Phenol	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0209	1.5–2.5	Qbt 3	Trichlorobenzene[1,2,4-]	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0209	1.5–2.5	Qbt 3	Trichlorophenol[2,4,5-]	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0209	1.5–2.5	Qbt 3	Trichlorophenol[2,4,6-]	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0209	1.5–2.5	Qbt 3	Trimethylbenzene[1,2,4-]	0.0065	mg/kg	U
West canyon	21-11266	MD21-01-0209	1.5–2.5	Qbt 3	Trimethylbenzene[1,3,5-]	0.0065	mg/kg	U
West canyon	21-11266	MD21-01-0210	1.5–2.5	Qbt 3	Aluminum	1710	mg/kg	None
West canyon	21-11266	MD21-01-0210	1.5–2.5	Qbt 3	Antimony	0.85	mg/kg	UJ
West canyon	21-11266	MD21-01-0210	1.5–2.5	Qbt 3	Arsenic	0.13	mg/kg	J

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11266	MD21-01-0210	1.5–2.5	Qbt 3	Barium	20.2	mg/kg	J
West canyon	21-11266	MD21-01-0210	1.5–2.5	Qbt 3	Beryllium	0.63	mg/kg	None
West canyon	21-11266	MD21-01-0210	1.5–2.5	Qbt 3	Cadmium	0.068	mg/kg	U
West canyon	21-11266	MD21-01-0210	1.5–2.5	Qbt 3	Calcium	168	mg/kg	J
West canyon	21-11266	MD21-01-0210	1.5–2.5	Qbt 3	Chromium, total	3.4	mg/kg	None
West canyon	21-11266	MD21-01-0210	1.5–2.5	Qbt 3	Cobalt	0.53	mg/kg	U
West canyon	21-11266	MD21-01-0210	1.5–2.5	Qbt 3	Copper	2.8	mg/kg	None
West canyon	21-11266	MD21-01-0210	1.5–2.5	Qbt 3	Iron	4630	mg/kg	None
West canyon	21-11266	MD21-01-0210	1.5–2.5	Qbt 3	Magnesium	74.9	mg/kg	J
West canyon	21-11266	MD21-01-0210	1.5–2.5	Qbt 3	Manganese	337	mg/kg	J+
West canyon	21-11266	MD21-01-0210	1.5–2.5	Qbt 3	Mercury	0.018	mg/kg	U
West canyon	21-11266	MD21-01-0210	1.5–2.5	Qbt 3	Nickel	2.4	mg/kg	J
West canyon	21-11266	MD21-01-0210	1.5–2.5	Qbt 3	Potassium	253	mg/kg	U
West canyon	21-11266	MD21-01-0210	1.5–2.5	Qbt 3	Selenium	0.27	mg/kg	U
West canyon	21-11266	MD21-01-0210	1.5–2.5	Qbt 3	Silver	0.041	mg/kg	U
West canyon	21-11266	MD21-01-0210	1.5–2.5	Qbt 3	Sodium	106	mg/kg	J
West canyon	21-11266	MD21-01-0210	1.5–2.5	Qbt 3	Thallium	0.012	mg/kg	U
West canyon	21-11266	MD21-01-0210	1.5–2.5	Qbt 3	Vanadium	0.37	mg/kg	J
West canyon	21-11266	MD21-01-0210	1.5–2.5	Qbt 3	Zinc	41.9	mg/kg	None
West canyon	21-11266	MD21-01-0210	1.5–2.5	Qbt 3	Acenaphthylene	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0210	1.5–2.5	Qbt 3	Aniline	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0210	1.5–2.5	Qbt 3	Azobenzene	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0210	1.5–2.5	Qbt 3	Benzo(g,h,i)perylene	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0210	1.5–2.5	Qbt 3	Benzoic acid	1.7	mg/kg	U
West canyon	21-11266	MD21-01-0210	1.5–2.5	Qbt 3	Benzyl alcohol	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0210	1.5–2.5	Qbt 3	Bis(2-chloroethoxy)methane	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0210	1.5–2.5	Qbt 3	Bis(2-chloroethyl)ether	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0210	1.5–2.5	Qbt 3	Bis(2-ethylhexyl)phthalate	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0210	1.5–2.5	Qbt 3	Bromophenyl-phenylether[4-]	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0210	1.5–2.5	Qbt 3	Butylbenzylphthalate	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0210	1.5–2.5	Qbt 3	Chloro-3-methylphenol[4-]	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0210	1.5–2.5	Qbt 3	Chloroaniline[4-]	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0210	1.5–2.5	Qbt 3	Chloronaphthalene[2-]	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0210	1.5–2.5	Qbt 3	Chlorophenol[2-]	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0210	1.5–2.5	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0210	1.5–2.5	Qbt 3	Di-n-butylphthalate	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0210	1.5–2.5	Qbt 3	Di-n-octylphthalate	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0210	1.5–2.5	Qbt 3	Dibenzofuran	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0210	1.5–2.5	Qbt 3	Dichlorobenzene[1,2-]	0.36	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11266	MD21-01-0210	1.5–2.5	Qbt 3	Dichlorobenzene[1,3-]	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0210	1.5–2.5	Qbt 3	Dichlorobenzene[1,4-]	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0210	1.5–2.5	Qbt 3	Dichlorobenzidine[3,3'-]	1.7	mg/kg	U
West canyon	21-11266	MD21-01-0210	1.5–2.5	Qbt 3	Dichlorophenol[2,4-]	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0210	1.5–2.5	Qbt 3	Diethylphthalate	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0210	1.5–2.5	Qbt 3	Dimethyl phthalate	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0210	1.5–2.5	Qbt 3	Dimethylphenol[2,4-]	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0210	1.5–2.5	Qbt 3	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
West canyon	21-11266	MD21-01-0210	1.5–2.5	Qbt 3	Dinitrophenol[2,4-]	1.7	mg/kg	U
West canyon	21-11266	MD21-01-0210	1.5–2.5	Qbt 3	Dinitrotoluene[2,4-]	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0210	1.5–2.5	Qbt 3	Dinitrotoluene[2,6-]	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0210	1.5–2.5	Qbt 3	Hexachlorobenzene	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0210	1.5–2.5	Qbt 3	Hexachlorobutadiene	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0210	1.5–2.5	Qbt 3	Hexachlorocyclopentadiene	1.7	mg/kg	U
West canyon	21-11266	MD21-01-0210	1.5–2.5	Qbt 3	Hexachloroethane	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0210	1.5–2.5	Qbt 3	Indeno(1,2,3-cd)pyrene	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0210	1.5–2.5	Qbt 3	Isophorone	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0210	1.5–2.5	Qbt 3	Methylphenol[2-]	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0210	1.5–2.5	Qbt 3	Methylphenol[4-]	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0210	1.5–2.5	Qbt 3	Nitroaniline[2-]	1.7	mg/kg	U
West canyon	21-11266	MD21-01-0210	1.5–2.5	Qbt 3	Nitroaniline[3-]	1.7	mg/kg	U
West canyon	21-11266	MD21-01-0210	1.5–2.5	Qbt 3	Nitroaniline[4-]	1.7	mg/kg	U
West canyon	21-11266	MD21-01-0210	1.5–2.5	Qbt 3	Nitrobenzene	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0210	1.5–2.5	Qbt 3	Nitrophenol[2-]	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0210	1.5–2.5	Qbt 3	Nitrophenol[4-]	1.7	mg/kg	U
West canyon	21-11266	MD21-01-0210	1.5–2.5	Qbt 3	Nitroso-di-n-propylamine[N-]	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0210	1.5–2.5	Qbt 3	Nitrosodimethylamine[N-]	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0210	1.5–2.5	Qbt 3	Nitrosodiphenylamine[N-]	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0210	1.5–2.5	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0210	1.5–2.5	Qbt 3	Pentachlorophenol	1.7	mg/kg	U
West canyon	21-11266	MD21-01-0210	1.5–2.5	Qbt 3	Phenol	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0210	1.5–2.5	Qbt 3	Trichlorobenzene[1,2,4-]	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0210	1.5–2.5	Qbt 3	Trichlorophenol[2,4,5-]	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0210	1.5–2.5	Qbt 3	Trichlorophenol[2,4,6-]	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0210	1.5–2.5	Qbt 3	Trimethylbenzene[1,2,4-]	0.0061	mg/kg	U
West canyon	21-11266	MD21-01-0210	1.5–2.5	Qbt 3	Trimethylbenzene[1,3,5-]	0.0065	mg/kg	U
West canyon	21-11266	MD21-01-0211	3.5–4.3	Qbt 3	Aluminum	1580	mg/kg	None
West canyon	21-11266	MD21-01-0211	3.5–4.3	Qbt 3	Antimony	0.85	mg/kg	UJ
West canyon	21-11266	MD21-01-0211	3.5–4.3	Qbt 3	Arsenic	0.25	mg/kg	J

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11266	MD21-01-0211	3.5–4.3	Qbt 3	Barium	21.7	mg/kg	None
West canyon	21-11266	MD21-01-0211	3.5–4.3	Qbt 3	Beryllium	0.7	mg/kg	None
West canyon	21-11266	MD21-01-0211	3.5–4.3	Qbt 3	Cadmium	0.068	mg/kg	U
West canyon	21-11266	MD21-01-0211	3.5–4.3	Qbt 3	Calcium	216	mg/kg	J
West canyon	21-11266	MD21-01-0211	3.5–4.3	Qbt 3	Chromium, total	1.3	mg/kg	None
West canyon	21-11266	MD21-01-0211	3.5–4.3	Qbt 3	Cobalt	0.53	mg/kg	U
West canyon	21-11266	MD21-01-0211	3.5–4.3	Qbt 3	Copper	2.8	mg/kg	None
West canyon	21-11266	MD21-01-0211	3.5–4.3	Qbt 3	Iron	4960	mg/kg	None
West canyon	21-11266	MD21-01-0211	3.5–4.3	Qbt 3	Magnesium	76.7	mg/kg	J
West canyon	21-11266	MD21-01-0211	3.5–4.3	Qbt 3	Manganese	354	mg/kg	J+
West canyon	21-11266	MD21-01-0211	3.5–4.3	Qbt 3	Mercury	0.018	mg/kg	U
West canyon	21-11266	MD21-01-0211	3.5–4.3	Qbt 3	Nickel	1.8	mg/kg	J
West canyon	21-11266	MD21-01-0211	3.5–4.3	Qbt 3	Potassium	252	mg/kg	U
West canyon	21-11266	MD21-01-0211	3.5–4.3	Qbt 3	Selenium	0.54	mg/kg	J
West canyon	21-11266	MD21-01-0211	3.5–4.3	Qbt 3	Silver	0.046	mg/kg	U
West canyon	21-11266	MD21-01-0211	3.5–4.3	Qbt 3	Sodium	110	mg/kg	J
West canyon	21-11266	MD21-01-0211	3.5–4.3	Qbt 3	Thallium	0.012	mg/kg	U
West canyon	21-11266	MD21-01-0211	3.5–4.3	Qbt 3	Vanadium	0.82	mg/kg	J
West canyon	21-11266	MD21-01-0211	3.5–4.3	Qbt 3	Zinc	43.9	mg/kg	None
West canyon	21-11266	MD21-01-0211	3.5–4.3	Qbt 3	Acenaphthylene	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0211	3.5–4.3	Qbt 3	Aniline	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0211	3.5–4.3	Qbt 3	Azobenzene	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0211	3.5–4.3	Qbt 3	Benzo(g,h,i)perylene	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0211	3.5–4.3	Qbt 3	Benzoic acid	1.7	mg/kg	U
West canyon	21-11266	MD21-01-0211	3.5–4.3	Qbt 3	Benzyl alcohol	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0211	3.5–4.3	Qbt 3	Bis(2-chloroethoxy)methane	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0211	3.5–4.3	Qbt 3	Bis(2-chloroethyl)ether	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0211	3.5–4.3	Qbt 3	Bis(2-ethylhexyl)phthalate	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0211	3.5–4.3	Qbt 3	Bromophenyl-phenylether[4-]	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0211	3.5–4.3	Qbt 3	Butylbenzylphthalate	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0211	3.5–4.3	Qbt 3	Chloro-3-methylphenol[4-]	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0211	3.5–4.3	Qbt 3	Chloroaniline[4-]	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0211	3.5–4.3	Qbt 3	Chloronaphthalene[2-]	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0211	3.5–4.3	Qbt 3	Chlorophenol[2-]	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0211	3.5–4.3	Qbt 3	Chlorophenyl-phenyl[4-] ether	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0211	3.5–4.3	Qbt 3	Di-n-butylphthalate	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0211	3.5–4.3	Qbt 3	Di-n-octylphthalate	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0211	3.5–4.3	Qbt 3	Dibenzofuran	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0211	3.5–4.3	Qbt 3	Dichlorobenzene[1,2-]	0.36	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11266	MD21-01-0211	3.5–4.3	Qbt 3	Dichlorobenzene[1,3-]	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0211	3.5–4.3	Qbt 3	Dichlorobenzene[1,4-]	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0211	3.5–4.3	Qbt 3	Dichlorobenzidine[3,3'-]	1.7	mg/kg	U
West canyon	21-11266	MD21-01-0211	3.5–4.3	Qbt 3	Dichlorophenol[2,4-]	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0211	3.5–4.3	Qbt 3	Diethylphthalate	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0211	3.5–4.3	Qbt 3	Dimethyl phthalate	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0211	3.5–4.3	Qbt 3	Dimethylphenol[2,4-]	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0211	3.5–4.3	Qbt 3	Dinitro-2-methylphenol[4,6-]	1.7	mg/kg	U
West canyon	21-11266	MD21-01-0211	3.5–4.3	Qbt 3	Dinitrophenol[2,4-]	1.7	mg/kg	U
West canyon	21-11266	MD21-01-0211	3.5–4.3	Qbt 3	Dinitrotoluene[2,4-]	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0211	3.5–4.3	Qbt 3	Dinitrotoluene[2,6-]	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0211	3.5–4.3	Qbt 3	Hexachlorobenzene	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0211	3.5–4.3	Qbt 3	Hexachlorobutadiene	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0211	3.5–4.3	Qbt 3	Hexachlorocyclopentadiene	1.7	mg/kg	U
West canyon	21-11266	MD21-01-0211	3.5–4.3	Qbt 3	Hexachloroethane	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0211	3.5–4.3	Qbt 3	Indeno(1,2,3-cd)pyrene	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0211	3.5–4.3	Qbt 3	Isophorone	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0211	3.5–4.3	Qbt 3	Methylphenol[2-]	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0211	3.5–4.3	Qbt 3	Methylphenol[4-]	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0211	3.5–4.3	Qbt 3	Nitroaniline[2-]	1.7	mg/kg	U
West canyon	21-11266	MD21-01-0211	3.5–4.3	Qbt 3	Nitroaniline[3-]	1.7	mg/kg	U
West canyon	21-11266	MD21-01-0211	3.5–4.3	Qbt 3	Nitroaniline[4-]	1.7	mg/kg	U
West canyon	21-11266	MD21-01-0211	3.5–4.3	Qbt 3	Nitrobenzene	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0211	3.5–4.3	Qbt 3	Nitrophenol[2-]	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0211	3.5–4.3	Qbt 3	Nitrophenol[4-]	1.7	mg/kg	U
West canyon	21-11266	MD21-01-0211	3.5–4.3	Qbt 3	Nitroso-di-n-propylamine[N-]	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0211	3.5–4.3	Qbt 3	Nitrosodimethylamine[N-]	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0211	3.5–4.3	Qbt 3	Nitrosodiphenylamine[N-]	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0211	3.5–4.3	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0211	3.5–4.3	Qbt 3	Pentachlorophenol	1.7	mg/kg	U
West canyon	21-11266	MD21-01-0211	3.5–4.3	Qbt 3	Phenol	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0211	3.5–4.3	Qbt 3	Trichlorobenzene[1,2,4-]	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0211	3.5–4.3	Qbt 3	Trichlorophenol[2,4,5-]	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0211	3.5–4.3	Qbt 3	Trichlorophenol[2,4,6-]	0.36	mg/kg	U
West canyon	21-11266	MD21-01-0211	3.5–4.3	Qbt 3	Trimethylbenzene[1,2,4-]	0.0056	mg/kg	U
West canyon	21-11266	MD21-01-0211	3.5–4.3	Qbt 3	Trimethylbenzene[1,3,5-]	0.0056	mg/kg	U
West canyon	21-11267	MD21-01-0212	0–0.4	Qbt 3	Aluminum	1950	mg/kg	None
West canyon	21-11267	MD21-01-0212	0–0.4	Qbt 3	Antimony	1	mg/kg	UJ
West canyon	21-11267	MD21-01-0212	0–0.4	Qbt 3	Arsenic	0.14	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11267	MD21-01-0212	0–0.4	Qbt 3	Barium	10.1	mg/kg	J
West canyon	21-11267	MD21-01-0212	0–0.4	Qbt 3	Beryllium	0.63	mg/kg	J
West canyon	21-11267	MD21-01-0212	0–0.4	Qbt 3	Cadmium	0.08	mg/kg	U
West canyon	21-11267	MD21-01-0212	0–0.4	Qbt 3	Calcium	283	mg/kg	J
West canyon	21-11267	MD21-01-0212	0–0.4	Qbt 3	Chromium, total	0.51	mg/kg	U
West canyon	21-11267	MD21-01-0212	0–0.4	Qbt 3	Cobalt	0.63	mg/kg	U
West canyon	21-11267	MD21-01-0212	0–0.4	Qbt 3	Copper	2.3	mg/kg	J
West canyon	21-11267	MD21-01-0212	0–0.4	Qbt 3	Iron	4630	mg/kg	None
West canyon	21-11267	MD21-01-0212	0–0.4	Qbt 3	Magnesium	72.3	mg/kg	J
West canyon	21-11267	MD21-01-0212	0–0.4	Qbt 3	Manganese	131	mg/kg	J+
West canyon	21-11267	MD21-01-0212	0–0.4	Qbt 3	Mercury	0.021	mg/kg	U
West canyon	21-11267	MD21-01-0212	0–0.4	Qbt 3	Nickel	1.7	mg/kg	U
West canyon	21-11267	MD21-01-0212	0–0.4	Qbt 3	Potassium	298	mg/kg	U
West canyon	21-11267	MD21-01-0212	0–0.4	Qbt 3	Selenium	0.49	mg/kg	J
West canyon	21-11267	MD21-01-0212	0–0.4	Qbt 3	Silver	0.04	mg/kg	U
West canyon	21-11267	MD21-01-0212	0–0.4	Qbt 3	Sodium	80.5	mg/kg	J
West canyon	21-11267	MD21-01-0212	0–0.4	Qbt 3	Thallium	0.014	mg/kg	U
West canyon	21-11267	MD21-01-0212	0–0.4	Qbt 3	Vanadium	2.2	mg/kg	J
West canyon	21-11267	MD21-01-0212	0–0.4	Qbt 3	Zinc	26.3	mg/kg	None
West canyon	21-11267	MD21-01-0212	0–0.4	Qbt 3	Acenaphthylene	2.1	mg/kg	U
West canyon	21-11267	MD21-01-0212	0–0.4	Qbt 3	Aniline	2.1	mg/kg	U
West canyon	21-11267	MD21-01-0212	0–0.4	Qbt 3	Azobenzene	2.1	mg/kg	U
West canyon	21-11267	MD21-01-0212	0–0.4	Qbt 3	Benzo(g,h,i)perylene	2.1	mg/kg	U
West canyon	21-11267	MD21-01-0212	0–0.4	Qbt 3	Benzoic acid	10	mg/kg	U
West canyon	21-11267	MD21-01-0212	0–0.4	Qbt 3	Benzyl alcohol	2.1	mg/kg	U
West canyon	21-11267	MD21-01-0212	0–0.4	Qbt 3	Bis(2-chloroethoxy)methane	2.1	mg/kg	U
West canyon	21-11267	MD21-01-0212	0–0.4	Qbt 3	Bis(2-chloroethyl)ether	2.1	mg/kg	U
West canyon	21-11267	MD21-01-0212	0–0.4	Qbt 3	Bis(2-ethylhexyl)phthalate	2.1	mg/kg	U
West canyon	21-11267	MD21-01-0212	0–0.4	Qbt 3	Bromophenyl-phenylether[4-]	2.1	mg/kg	U
West canyon	21-11267	MD21-01-0212	0–0.4	Qbt 3	Butylbenzylphthalate	2.1	mg/kg	U
West canyon	21-11267	MD21-01-0212	0–0.4	Qbt 3	Chloro-3-methylphenol[4-]	2.1	mg/kg	U
West canyon	21-11267	MD21-01-0212	0–0.4	Qbt 3	Chloroaniline[4-]	2.1	mg/kg	U
West canyon	21-11267	MD21-01-0212	0–0.4	Qbt 3	Chloronaphthalene[2-]	2.1	mg/kg	U
West canyon	21-11267	MD21-01-0212	0–0.4	Qbt 3	Chlorophenol[2-]	2.1	mg/kg	U
West canyon	21-11267	MD21-01-0212	0–0.4	Qbt 3	Chlorophenyl-phenyl[4-] ether	2.1	mg/kg	U
West canyon	21-11267	MD21-01-0212	0–0.4	Qbt 3	Di-n-butylphthalate	2.1	mg/kg	U
West canyon	21-11267	MD21-01-0212	0–0.4	Qbt 3	Di-n-octylphthalate	2.1	mg/kg	U
West canyon	21-11267	MD21-01-0212	0–0.4	Qbt 3	Dibenzofuran	2.1	mg/kg	U
West canyon	21-11267	MD21-01-0212	0–0.4	Qbt 3	Dichlorobenzene[1,2-]	2.1	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11267	MD21-01-0212	0–0.4	Qbt 3	Dichlorobenzene[1,3-]	2.1	mg/kg	U
West canyon	21-11267	MD21-01-0212	0–0.4	Qbt 3	Dichlorobenzene[1,4-]	2.1	mg/kg	U
West canyon	21-11267	MD21-01-0212	0–0.4	Qbt 3	Dichlorobenzidine[3,3'-]	10	mg/kg	U
West canyon	21-11267	MD21-01-0212	0–0.4	Qbt 3	Dichlorophenol[2,4-]	2.1	mg/kg	U
West canyon	21-11267	MD21-01-0212	0–0.4	Qbt 3	Diethylphthalate	2.1	mg/kg	U
West canyon	21-11267	MD21-01-0212	0–0.4	Qbt 3	Dimethyl phthalate	2.1	mg/kg	U
West canyon	21-11267	MD21-01-0212	0–0.4	Qbt 3	Dimethylphenol[2,4-]	2.1	mg/kg	U
West canyon	21-11267	MD21-01-0212	0–0.4	Qbt 3	Dinitro-2-methylphenol[4,6-]	10	mg/kg	U
West canyon	21-11267	MD21-01-0212	0–0.4	Qbt 3	Dinitrophenol[2,4-]	10	mg/kg	U
West canyon	21-11267	MD21-01-0212	0–0.4	Qbt 3	Dinitrotoluene[2,4-]	2.1	mg/kg	U
West canyon	21-11267	MD21-01-0212	0–0.4	Qbt 3	Dinitrotoluene[2,6-]	2.1	mg/kg	U
West canyon	21-11267	MD21-01-0212	0–0.4	Qbt 3	Hexachlorobenzene	2.1	mg/kg	U
West canyon	21-11267	MD21-01-0212	0–0.4	Qbt 3	Hexachlorobutadiene	2.1	mg/kg	U
West canyon	21-11267	MD21-01-0212	0–0.4	Qbt 3	Hexachlorocyclopentadiene	10	mg/kg	U
West canyon	21-11267	MD21-01-0212	0–0.4	Qbt 3	Hexachloroethane	2.1	mg/kg	U
West canyon	21-11267	MD21-01-0212	0–0.4	Qbt 3	Indeno(1,2,3-cd)pyrene	2.1	mg/kg	U
West canyon	21-11267	MD21-01-0212	0–0.4	Qbt 3	Isophorone	2.1	mg/kg	U
West canyon	21-11267	MD21-01-0212	0–0.4	Qbt 3	Methylphenol[2-]	2.1	mg/kg	U
West canyon	21-11267	MD21-01-0212	0–0.4	Qbt 3	Methylphenol[4-]	2.1	mg/kg	U
West canyon	21-11267	MD21-01-0212	0–0.4	Qbt 3	Nitroaniline[2-]	10	mg/kg	U
West canyon	21-11267	MD21-01-0212	0–0.4	Qbt 3	Nitroaniline[3-]	10	mg/kg	U
West canyon	21-11267	MD21-01-0212	0–0.4	Qbt 3	Nitroaniline[4-]	10	mg/kg	U
West canyon	21-11267	MD21-01-0212	0–0.4	Qbt 3	Nitrobenzene	2.1	mg/kg	U
West canyon	21-11267	MD21-01-0212	0–0.4	Qbt 3	Nitrophenol[2-]	2.1	mg/kg	U
West canyon	21-11267	MD21-01-0212	0–0.4	Qbt 3	Nitrophenol[4-]	10	mg/kg	U
West canyon	21-11267	MD21-01-0212	0–0.4	Qbt 3	Nitroso-di-n-propylamine[N-]	2.1	mg/kg	U
West canyon	21-11267	MD21-01-0212	0–0.4	Qbt 3	Nitrosodimethylamine[N-]	2.1	mg/kg	U
West canyon	21-11267	MD21-01-0212	0–0.4	Qbt 3	Nitrosodiphenylamine[N-]	2.1	mg/kg	U
West canyon	21-11267	MD21-01-0212	0–0.4	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	2.1	mg/kg	U
West canyon	21-11267	MD21-01-0212	0–0.4	Qbt 3	Pentachlorophenol	10	mg/kg	U
West canyon	21-11267	MD21-01-0212	0–0.4	Qbt 3	Phenol	2.1	mg/kg	U
West canyon	21-11267	MD21-01-0212	0–0.4	Qbt 3	Trichlorobenzene[1,2,4-]	2.1	mg/kg	U
West canyon	21-11267	MD21-01-0212	0–0.4	Qbt 3	Trichlorophenol[2,4,5-]	2.1	mg/kg	U
West canyon	21-11267	MD21-01-0212	0–0.4	Qbt 3	Trichlorophenol[2,4,6-]	2.1	mg/kg	U
West canyon	21-11267	MD21-01-0212	0–0.4	Qbt 3	Trimethylbenzene[1,2,4-]	0.0065	mg/kg	U
West canyon	21-11267	MD21-01-0212	0–0.4	Qbt 3	Trimethylbenzene[1,3,5-]	0.0065	mg/kg	U
West canyon	21-11267	MD21-01-0213	3.5–4	Qbt 3	Aluminum	1850	mg/kg	None
West canyon	21-11267	MD21-01-0213	3.5–4	Qbt 3	Antimony	0.89	mg/kg	UJ
West canyon	21-11267	MD21-01-0213	3.5–4	Qbt 3	Arsenic	0.64	mg/kg	J

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11267	MD21-01-0213	3.5–4	Qbt 3	Barium	16.1	mg/kg	J
West canyon	21-11267	MD21-01-0213	3.5–4	Qbt 3	Beryllium	0.82	mg/kg	None
West canyon	21-11267	MD21-01-0213	3.5–4	Qbt 3	Cadmium	0.071	mg/kg	U
West canyon	21-11267	MD21-01-0213	3.5–4	Qbt 3	Calcium	203	mg/kg	J
West canyon	21-11267	MD21-01-0213	3.5–4	Qbt 3	Chromium, total	2.3	mg/kg	None
West canyon	21-11267	MD21-01-0213	3.5–4	Qbt 3	Cobalt	0.55	mg/kg	U
West canyon	21-11267	MD21-01-0213	3.5–4	Qbt 3	Copper	3.1	mg/kg	None
West canyon	21-11267	MD21-01-0213	3.5–4	Qbt 3	Iron	7070	mg/kg	None
West canyon	21-11267	MD21-01-0213	3.5–4	Qbt 3	Magnesium	119	mg/kg	J
West canyon	21-11267	MD21-01-0213	3.5–4	Qbt 3	Manganese	340	mg/kg	J+
West canyon	21-11267	MD21-01-0213	3.5–4	Qbt 3	Mercury	0.019	mg/kg	U
West canyon	21-11267	MD21-01-0213	3.5–4	Qbt 3	Nickel	1.6	mg/kg	J
West canyon	21-11267	MD21-01-0213	3.5–4	Qbt 3	Potassium	264	mg/kg	U
West canyon	21-11267	MD21-01-0213	3.5–4	Qbt 3	Selenium	0.35	mg/kg	J
West canyon	21-11267	MD21-01-0213	3.5–4	Qbt 3	Silver	0.057	mg/kg	U
West canyon	21-11267	MD21-01-0213	3.5–4	Qbt 3	Sodium	105	mg/kg	J
West canyon	21-11267	MD21-01-0213	3.5–4	Qbt 3	Thallium	0.012	mg/kg	U
West canyon	21-11267	MD21-01-0213	3.5–4	Qbt 3	Vanadium	3.4	mg/kg	J
West canyon	21-11267	MD21-01-0213	3.5–4	Qbt 3	Zinc	51.6	mg/kg	None
West canyon	21-11267	MD21-01-0213	3.5–4	Qbt 3	Acenaphthylene	1.9	mg/kg	U
West canyon	21-11267	MD21-01-0213	3.5–4	Qbt 3	Aniline	1.9	mg/kg	U
West canyon	21-11267	MD21-01-0213	3.5–4	Qbt 3	Azobenzene	1.9	mg/kg	U
West canyon	21-11267	MD21-01-0213	3.5–4	Qbt 3	Benzo(g,h,i)perylene	1.9	mg/kg	U
West canyon	21-11267	MD21-01-0213	3.5–4	Qbt 3	Benzoic acid	9	mg/kg	U
West canyon	21-11267	MD21-01-0213	3.5–4	Qbt 3	Benzyl alcohol	1.9	mg/kg	U
West canyon	21-11267	MD21-01-0213	3.5–4	Qbt 3	Bis(2-chloroethoxy)methane	1.9	mg/kg	U
West canyon	21-11267	MD21-01-0213	3.5–4	Qbt 3	Bis(2-chloroethyl)ether	1.9	mg/kg	U
West canyon	21-11267	MD21-01-0213	3.5–4	Qbt 3	Bis(2-ethylhexyl)phthalate	1.9	mg/kg	U
West canyon	21-11267	MD21-01-0213	3.5–4	Qbt 3	Bromophenyl-phenylether[4-]	1.9	mg/kg	U
West canyon	21-11267	MD21-01-0213	3.5–4	Qbt 3	Butylbenzylphthalate	1.9	mg/kg	U
West canyon	21-11267	MD21-01-0213	3.5–4	Qbt 3	Chloro-3-methylphenol[4-]	1.9	mg/kg	U
West canyon	21-11267	MD21-01-0213	3.5–4	Qbt 3	Chloroaniline[4-]	1.9	mg/kg	U
West canyon	21-11267	MD21-01-0213	3.5–4	Qbt 3	Chloronaphthalene[2-]	1.9	mg/kg	U
West canyon	21-11267	MD21-01-0213	3.5–4	Qbt 3	Chlorophenol[2-]	1.9	mg/kg	U
West canyon	21-11267	MD21-01-0213	3.5–4	Qbt 3	Chlorophenyl-phenyl[4-] ether	1.9	mg/kg	U
West canyon	21-11267	MD21-01-0213	3.5–4	Qbt 3	Di-n-butylphthalate	1.9	mg/kg	U
West canyon	21-11267	MD21-01-0213	3.5–4	Qbt 3	Di-n-octylphthalate	1.9	mg/kg	U
West canyon	21-11267	MD21-01-0213	3.5–4	Qbt 3	Dibenzofuran	1.9	mg/kg	U
West canyon	21-11267	MD21-01-0213	3.5–4	Qbt 3	Dichlorobenzene[1,2-]	1.9	mg/kg	U

Table D-6.0-1 (continued)

Investigation Area	Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
West canyon	21-11267	MD21-01-0213	3.5–4	Qbt 3	Dichlorobenzene[1,3-]	1.9	mg/kg	U
West canyon	21-11267	MD21-01-0213	3.5–4	Qbt 3	Dichlorobenzene[1,4-]	1.9	mg/kg	U
West canyon	21-11267	MD21-01-0213	3.5–4	Qbt 3	Dichlorobenzidine[3,3'-]	9	mg/kg	U
West canyon	21-11267	MD21-01-0213	3.5–4	Qbt 3	Dichlorophenol[2,4-]	1.9	mg/kg	U
West canyon	21-11267	MD21-01-0213	3.5–4	Qbt 3	Diethylphthalate	1.9	mg/kg	U
West canyon	21-11267	MD21-01-0213	3.5–4	Qbt 3	Dimethyl phthalate	1.9	mg/kg	U
West canyon	21-11267	MD21-01-0213	3.5–4	Qbt 3	Dimethylphenol[2,4-]	1.9	mg/kg	U
West canyon	21-11267	MD21-01-0213	3.5–4	Qbt 3	Dinitro-2-methylphenol[4,6-]	9	mg/kg	U
West canyon	21-11267	MD21-01-0213	3.5–4	Qbt 3	Dinitrophenol[2,4-]	9	mg/kg	U
West canyon	21-11267	MD21-01-0213	3.5–4	Qbt 3	Dinitrotoluene[2,4-]	1.9	mg/kg	U
West canyon	21-11267	MD21-01-0213	3.5–4	Qbt 3	Dinitrotoluene[2,6-]	1.9	mg/kg	U
West canyon	21-11267	MD21-01-0213	3.5–4	Qbt 3	Hexachlorobenzene	1.9	mg/kg	U
West canyon	21-11267	MD21-01-0213	3.5–4	Qbt 3	Hexachlorobutadiene	1.9	mg/kg	U
West canyon	21-11267	MD21-01-0213	3.5–4	Qbt 3	Hexachlorocyclopentadiene	9	mg/kg	U
West canyon	21-11267	MD21-01-0213	3.5–4	Qbt 3	Hexachloroethane	1.9	mg/kg	U
West canyon	21-11267	MD21-01-0213	3.5–4	Qbt 3	Indeno(1,2,3-cd)pyrene	1.9	mg/kg	U
West canyon	21-11267	MD21-01-0213	3.5–4	Qbt 3	Isophorone	1.9	mg/kg	U
West canyon	21-11267	MD21-01-0213	3.5–4	Qbt 3	Methylphenol[2-]	1.9	mg/kg	U
West canyon	21-11267	MD21-01-0213	3.5–4	Qbt 3	Methylphenol[4-]	1.9	mg/kg	U
West canyon	21-11267	MD21-01-0213	3.5–4	Qbt 3	Nitroaniline[2-]	9	mg/kg	U
West canyon	21-11267	MD21-01-0213	3.5–4	Qbt 3	Nitroaniline[3-]	9	mg/kg	U
West canyon	21-11267	MD21-01-0213	3.5–4	Qbt 3	Nitroaniline[4-]	9	mg/kg	U
West canyon	21-11267	MD21-01-0213	3.5–4	Qbt 3	Nitrobenzene	1.9	mg/kg	U
West canyon	21-11267	MD21-01-0213	3.5–4	Qbt 3	Nitrophenol[2-]	1.9	mg/kg	U
West canyon	21-11267	MD21-01-0213	3.5–4	Qbt 3	Nitrophenol[4-]	9	mg/kg	U
West canyon	21-11267	MD21-01-0213	3.5–4	Qbt 3	Nitroso-di-n-propylamine[N-]	1.9	mg/kg	U
West canyon	21-11267	MD21-01-0213	3.5–4	Qbt 3	Nitrosodimethylamine[N-]	1.9	mg/kg	U
West canyon	21-11267	MD21-01-0213	3.5–4	Qbt 3	Nitrosodiphenylamine[N-]	1.9	mg/kg	U
West canyon	21-11267	MD21-01-0213	3.5–4	Qbt 3	Oxybis(1-chloropropane)[2,2'-]	1.9	mg/kg	U
West canyon	21-11267	MD21-01-0213	3.5–4	Qbt 3	Pentachlorophenol	9	mg/kg	U
West canyon	21-11267	MD21-01-0213	3.5–4	Qbt 3	Phenol	1.9	mg/kg	U
West canyon	21-11267	MD21-01-0213	3.5–4	Qbt 3	Trichlorobenzene[1,2,4-]	1.9	mg/kg	U
West canyon	21-11267	MD21-01-0213	3.5–4	Qbt 3	Trichlorophenol[2,4,5-]	1.9	mg/kg	U
West canyon	21-11267	MD21-01-0213	3.5–4	Qbt 3	Trichlorophenol[2,4,6-]	1.9	mg/kg	U
West canyon	21-11267	MD21-01-0213	3.5–4	Qbt 3	Trimethylbenzene[1,2,4-]	0.0063	mg/kg	U
West canyon	21-11267	MD21-01-0213	3.5–4	Qbt 3	Trimethylbenzene[1,3,5-]	0.0063	mg/kg	U

[a] East canyon refers to the hydrocarbon seep investigation area in the eastern part of DP Canyon.

[b] Drainage refers to the channel from the fire department station and training facility parking lot to the canyon.

[c] West canyon refers to the hydrocarbon seep investigation area in the western part of DP Canyon.

References

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UST Analytical Results for DP Tank Farm Western Seep, PRS 21-029

PRS	DECISION_SET	LOCATION_ID	SAMPLE_ID	Collection_Date	SAMPLE_USG_CODE	FIELD_QC_TYPE_CODE	BEGIN_DEPTH	END_DEPTH	DEPTH_UNITS	FLD_MATRIX_CODE	Eval_Class	REQUEST_NUM	SHIPPING_DATE	ANALYSIS_DATE	DILUTION_FACTOR	ANALYTICAL_SUITE	ANALYTE_CODE	ANALYTE_NAME	STD_SAMPLE_VALUE	STD_REPORTING_UNIT	REPORT_QUAL	REPORT_QUAL_REASON	LAB_QUALIFIER	LANL_QUALIFIER_	LANL_QUALIFIER_REASON	LANL_QUALIFIER_	LANL_QUALIFIER_REASON	LANL_QUALIFIER_	LANL_QUALIFIER_REASON	LANL_QUALIFIER_	LANL_QUALIFIER_REASON	LAB_NAME
21-029	Western Seep	21-11129	MD21-00-002	6/22/00 7:25:00 AM	INV	NA	0	0.5	FT	SED	SED	6900R	6/22/00	7/14/00	1	LEAD	PB	Lead	40	MG/KG												Paragon
21-029	Western Seep	21-11129	MD21-00-002	6/22/00 7:25:00 AM	INV	NA	0	0.5	FT	SED	SED	6888R	6/22/00	7/13/00	1	SVOC	83-32-9	Acenaphthene	3.5	MG/KG	U	U_LAB	U									Paragon
21-029	Western Seep	21-11129	MD21-00-002	6/22/00 7:25:00 AM	INV	NA	0	0.5	FT	SED	SED	6888R	6/22/00	7/13/00	1	SVOC	120-12-7	Anthracene	3.5	MG/KG	U	U_LAB	U									Paragon
21-029	Western Seep	21-11129	MD21-00-002	6/22/00 7:25:00 AM	INV	NA	0	0.5	FT	SED	SED	6888R	6/22/00	7/13/00	1	SVOC	56-55-3	Benzo(a)anthracene	3.5	MG/KG	U	U_LAB	U									Paragon
21-029	Western Seep	21-11129	MD21-00-002	6/22/00 7:25:00 AM	INV	NA	0	0.5	FT	SED	SED	6888R	6/22/00	7/13/00	1	SVOC	50-32-8	Benzo(a)pyrene	3.5	MG/KG	UJ	SV1a	U	UJ	SV1A							Paragon
21-029	Western Seep	21-11129	MD21-00-002	6/22/00 7:25:00 AM	INV	NA	0	0.5	FT	SED	SED	6888R	6/22/00	7/13/00	1	SVOC	205-99-2	Benzo(b)fluoranthene	3.5	MG/KG	UJ	SV1a	U	UJ	SV1A							Paragon
21-029	Western Seep	21-11129	MD21-00-002	6/22/00 7:25:00 AM	INV	NA	0	0.5	FT	SED	SED	6888R	6/22/00	7/13/00	1	SVOC	207-08-9	Benzo(k)fluoranthene	3.5	MG/KG	UJ	SV1a	U	UJ	SV1A							Paragon
21-029	Western Seep	21-11129	MD21-00-002	6/22/00 7:25:00 AM	INV	NA	0	0.5	FT	SED	SED	6888R	6/22/00	7/13/00	1	SVOC	218-01-9	Chrysene	3.5	MG/KG	U	U_LAB	U									Paragon
21-029	Western Seep	21-11129	MD21-00-002	6/22/00 7:25:00 AM	INV	NA	0	0.5	FT	SED	SED	6888R	6/22/00	7/13/00	1	SVOC	53-70-3	Dibenz(a,h)anthracene	3.5	MG/KG	UJ	SV1a	U	UJ	SV1A							Paragon
21-029	Western Seep	21-11129	MD21-00-002	6/22/00 7:25:00 AM	INV	NA	0	0.5	FT	SED	SED	6888R	6/22/00	7/13/00	1	SVOC	206-44-0	Fluoranthene	3.5	MG/KG	U	U_LAB	U									Paragon
21-029	Western Seep	21-11129	MD21-00-002	6/22/00 7:25:00 AM	INV	NA	0	0.5	FT	SED	SED	6888R	6/22/00	7/13/00	1	SVOC	86-73-7	Fluorene	3.5	MG/KG	U	U_LAB	U									Paragon
21-029	Western Seep	21-11129	MD21-00-002	6/22/00 7:25:00 AM	INV	NA	0	0.5	FT	SED	SED	6888R	6/22/00	7/13/00	1	SVOC	91-57-6	Methylnaphthalene[2-]	3.5	MG/KG	U	U_LAB	U									Paragon
21-029	Western Seep	21-11129	MD21-00-002	6/22/00 7:25:00 AM	INV	NA	0	0.5	FT	SED	SED	6888R	6/22/00	7/13/00	1	SVOC	91-20-3	Naphthalene	3.5	MG/KG	U	U_LAB	U									Paragon
21-029	Western Seep	21-11129	MD21-00-002	6/22/00 7:25:00 AM	INV	NA	0	0.5	FT	SED	SED	6888R	6/22/00	7/13/00	1	SVOC	85-01-8	Phenanthrene	3.5	MG/KG	U	U_LAB	U									Paragon
21-029	Western Seep	21-11129	MD21-00-002	6/22/00 7:25:00 AM	INV	NA	0	0.5	FT	SED	SED	6888R	6/22/00	7/13/00	1	SVOC	129-00-0	Pyrene	3.5	MG/KG	U	U_LAB	U									Paragon
21-029	Western Seep	21-11129	MD21-00-002	6/22/00 7:25:00 AM	INV	NA	0	0.5	FT	SED	SED	6888R	6/22/00	7/14/00	1	TPH_DRO	DRO	Diesel Range Organics	37	MG/KG												Paragon
21-029	Western Seep	21-11129	MD21-00-002	6/22/00 7:25:00 AM	INV	NA	0	0.5	FT	SED	SED	6888R	6/22/00	7/5/00	1	TPH_GRO	GRO	Gasoline Range Organics	0.52	MG/KG												Paragon
21-029	Western Seep	21-11129	MD21-00-002	6/22/00 7:25:00 AM	INV	NA	0	0.5	FT	SED	SED	6888R	6/22/00	7/1/00	1	VOC	71-43-2	Benzene	0.0064	MG/KG	U	U_LAB	U									Paragon
21-029	Western Seep	21-11129	MD21-00-002	6/22/00 7:25:00 AM	INV	NA	0	0.5	FT	SED	SED	6888R	6/22/00	7/1/00	1	VOC	100-41-4	Ethylbenzene	0.0064	MG/KG	U	U_LAB	U									Paragon
21-029	Western Seep	21-11129	MD21-00-002	6/22/00 7:25:00 AM	INV	NA	0	0.5	FT	SED	SED	6888R	6/22/00	7/1/00	1	VOC	108-88-3	Toluene	0.0064	MG/KG	U	U_LAB	U									Paragon
21-029	Western Seep	21-11129	MD21-00-002	6/22/00 7:25:00 AM	INV	NA	0	0.5	FT	SED	SED	6888R	6/22/00	7/1/00	1	VOC	1330-20-7	Xylene (Total)	0.0064	MG/KG	U	U_LAB	U									Paragon
21-029	Western Seep	21-11129	MD21-00-002	6/22/00 7:25:00 AM	INV	NA	0	0.5	FT	SED	SED	6888R	6/22/00	7/1/00	1	VOC	95-47-6	Xylene[1,2-]	0.0064	MG/KG	U	U_LAB	U									Paragon
21-029	Western Seep	21-11130	MD21-00-003	6/22/00 7:35:00 AM	INV	NA	0	0.5	FT	SED	SED	6900R	6/22/00	7/14/00	1	LEAD	PB	Lead	72	MG/KG												Paragon
21-029	Western Seep	21-11130	MD21-00-003	6/22/00 7:35:00 AM	INV	NA	0	0.5	FT	SED	SED	6888R	6/22/00	7/13/00	1	SVOC	83-32-9	Acenaphthene	3.4	MG/KG	U	U_LAB	U									Paragon
21-029	Western Seep	21-11130	MD21-00-003	6/22/00 7:35:00 AM	INV	NA	0	0.5	FT	SED	SED	6888R	6/22/00	7/13/00	1	SVOC	120-12-7	Anthracene	3.4	MG/KG	U	U_LAB	U									Paragon
21-029	Western Seep	21-11130	MD21-00-003	6/22/00 7:35:00 AM	INV	NA	0	0.5	FT	SED	SED	6888R	6/22/00	7/13/00	1	SVOC	56-55-3	Benzo(a)anthracene	3.4	MG/KG	U	U_LAB	U									Paragon
21-029	Western Seep	21-11130	MD21-00-003	6/22/00 7:35:00 AM	INV	NA	0	0.5	FT	SED	SED	6888R	6/22/00	7/13/00	1	SVOC	50-32-8	Benzo(a)pyrene	3.4	MG/KG	U	U_LAB	U									Paragon
21-029	Western Seep	21-11130	MD21-00-003	6/22/00 7:35:00 AM	INV	NA	0	0.5	FT	SED	SED	6888R	6/22/00	7/13/00	1	SVOC	205-99-2	Benzo(b)fluoranthene	3.4	MG/KG	U	U_LAB	U									Paragon
21-029	Western Seep	21-11130	MD21-00-003	6/22/00 7:35:00 AM	INV	NA	0	0.5	FT	SED	SED	6888R	6/22/00	7/13/00	1	SVOC	207-08-9	Benzo(k)fluoranthene	3.4	MG/KG	U	U_LAB	U									Paragon
21-029	Western Seep	21-11130	MD21-00-003	6/22/00 7:35:00 AM	INV	NA	0	0.5	FT	SED	SED	6888R	6/22/00	7/13/00	1	SVOC	218-01-9	Chrysene	3.4	MG/KG	U	U_LAB	U									Paragon
21-029	Western Seep	21-11130	MD21-00-003	6/22/00 7:35:00 AM	INV	NA	0	0.5	FT	SED	SED	6888R	6/22/00	7/13/00	1	SVOC	53-70-3	Dibenz(a,h)anthracene	3.4	MG/KG	U	U_LAB	U									Paragon
21-029	Western Seep	21-11130	MD21-00-003	6/22/00 7:35:00 AM	INV	NA	0	0.5	FT	SED	SED	6888R	6/22/00	7/13/00	1	SVOC	206-44-0	Fluoranthene	3.4	MG/KG	U	U_LAB	U									Paragon
21-029	Western Seep	21-11130	MD21-00-003	6/22/00 7:35:00 AM	INV	NA	0	0.5	FT	SED	SED	6888R	6/22/00	7/13/00	1	SVOC	86-73-7	Fluorene	3.4	MG/KG	U	U_LAB	U									Paragon
21-029	Western Seep	21-11130	MD21-00-003	6/22/00 7:35:00 AM	INV	NA	0	0.5	FT	SED	SED	6888R	6/22/00	7/13/00	1	SVOC	91-57-6	Methylnaphthalene[2-]	3.4	MG/KG	U	U_LAB	U									Paragon
21-029	Western Seep	21-11130	MD21-00-003	6/22/00 7:35:00 AM	INV	NA	0	0.5	FT	SED	SED	6888R	6/22/00	7/13/00	1	SVOC	91-20-3	Naphthalene	3.4	MG/KG	U	U_LAB	U									Paragon
21-029	Western Seep	21-11130	MD21-00-003	6/22/00 7:35:00 AM	INV	NA	0	0.5	FT	SED	SED	6888R	6/22/00	7/13/00	1	SVOC	85-01-8	Phenanthrene	3.4	MG/KG	U	U_LAB	U									Paragon
21-029	Western Seep	21-11130	MD21-00-003	6/22/00 7:35:00 AM	INV	NA	0	0.5	FT	SED	SED	6888R	6/22/00	7/13/00	1	SVOC	129-00-0	Pyrene	3.4	MG/KG	U	U_LAB	U									Paragon
21-029	Western Seep	21-11130	MD21-00-003	6/22/00 7:35:00 AM	INV	NA	0	0.5	FT	SED	SED	6888R	6/22/00	7/14/00	1	TPH_DRO	DRO	Diesel Range Organics	460	MG/KG												Paragon
21-029	Western Seep	21-11130	MD21-00-003	6/22/00 7:35:00 AM	INV	NA	0	0.5	FT	SED	SED	6888R	6/22/00	7/5/00	1	TPH_GRO	GRO	Gasoline Range Organics	0.057	MG/KG	J	EQLIMOL	J									Paragon
21-029	Western Seep	21-11130	MD21-00-003	6/22/00 7:35:00 AM	INV	NA	0	0.5	FT	SED	SED	6888R	6/22/00	7/1/00	1	VOC	71-43-2	Benzene	0.0066	MG/KG	U	U_LAB	U									Paragon
21-029	Western Seep	21-11130	MD21-00-003	6/22/00 7:35:00 AM	INV	NA	0	0.5	FT	SED	SED	6888R	6/22/00	7/1/00	1	VOC	100-41-4	Ethylbenzene	0.0066	MG/KG	U	U_LAB	U									Paragon
21-029	Western Seep	21-11130	MD21-00-003	6/22/00 7:35:00 AM	INV	NA	0	0.5	FT	SED	SED	6888R	6/22/00	7/1/00	1	VOC	108-88-3	Toluene	0.0066	MG/KG	U	U_LAB	U									Paragon
21-029	Western Seep	21-11130	MD21-00-003	6/22/00 7:35:00 AM	INV	NA	0	0.5	FT	SED	SED	6888R	6/22/00	7/1/00	1	VOC	1330-20-7	Xylene (Total)	0.0066	MG/KG	U	U_LAB	U									Paragon
21-029	Western Seep	21-11130	MD21-00-003	6/22/00 7:35:00 AM	INV	NA	0	0.5	FT	SED	SED	6888R	6/22/00	7/1/00	1	VOC	95-47-6	Xylene[1,2-]	0.0066	MG/KG	U	U_LAB	U									Paragon
21-029	Western Seep	21-11125	MD21-00-004	6/22/00 11:20:00 AM	INV	NA	0	0.5	FT	SED	SED	6934R	6/27/00	7/5/00	1	VOC	71-43-2	Benzene	0.0052	MG/KG	U	U_LAB	U									Paragon
21-029	Western Seep	21-11125	MD21-00-004	6/22/00 11:20:00 AM	INV	NA	0	0.5	FT	SED	SED	6934R	6/27/00	7/5/00	1	VOC	100-41-4	Ethylbenzene	0.0052	MG/KG	U	U_LAB	U									Paragon
21-029	Western Seep	21-11125	MD21-00-004	6/22/00 11:20:00 AM	INV	NA	0	0.5	FT	SED	SED	6934R	6/27/00	7/5/00	1	VOC	108-88-3	Toluene	0.0052	MG/KG	U	U_LAB	U									Paragon
21-029	Western Seep	21-11125	MD21-00-004	6/22/00 11:20:00 AM	INV	NA	0	0.5	FT	SED	SED	6934R	6/27/00	7/5/00	1	VOC	1330-20-7	Xylene (Total)	0.0052	MG/KG	U	U_LAB	U									Paragon
21-029	Western Seep	21-11125	MD21-00-004	6/22/00 11:20:00 AM	INV	NA	0	0.5	FT	SED	SED	6934R	6/27/00	7/5/00	1	VOC	95-47-6	Xylene[1,2-]	0.0052	MG/KG	U	U_LAB	U									Paragon
21-029	Western Seep	21-11126	MD21-00-004	6/22/00 11:30:00 AM	INV	NA	0	0.5	FT	SED	SED	6934R	6/27/00	7/5/00	1	VOC	71-43-2	Benzene	0.006	MG/KG	U	U_LAB	U									Paragon
21-029	Western Seep	21-11126	MD21-00-004	6/22/00 11:30:00 AM	INV	NA	0	0.5	FT	SED	SED	6934R	6/27/00	7/5/00	1	VOC	100-41-4	Ethylbenzene	0.006	MG/KG	U	U_LAB	U									Paragon
21-029	Western Seep	21-11126	MD21-00-004	6/22/00 11:30:00 AM	INV	NA	0	0.5	FT	SED	SED	6934R	6/27/00	7/5/00	1	VOC	108-88-3	Toluene	0.006	MG/KG	U	U_LAB	U									Paragon
21-029	Western Seep	21-11126	MD21-00-004	6/22/00 11:30:00 AM	INV	NA	0	0.5	FT	SED	SED	6934R	6/27/00	7/5/00	1	VOC	1330-20-7	Xylene (Total)	0.006	MG/KG	U	U_LAB	U									Paragon
21-029	Western Seep	21-11126	MD21-00-004	6/22/00 11:30:00 AM	INV	NA	0	0.5	FT	SED	SED	6934R	6/27/00	7/5/00	1	VOC	95-47-6	Xylene[1,2-]	0.006	MG/KG	U	U_LAB	U									Paragon
21-029	Western Seep	21-11127	MD21-00-004	6/22/00 11:40:00 AM	INV	NA	0	0.5	FT	SED	SED	6934R	6/27/00	7/5/00	1	VOC	71-43-2	Benzene	0.0052	MG/KG	U	U_LAB	U									Paragon
21-029	Western Seep	21-11127	MD21-00-004	6/22/00 11:40:00 AM	INV	NA	0	0.5	FT	SED	SED	6934R	6/27/00	7/5/00	1	VOC	100-41-4	Ethylbenzene	0.0052	MG/KG	U	U_LAB	U									Paragon
21-029	Western Seep	21-11127	MD21-00-004	6/22/00 11:40:00 AM	INV	NA	0	0.5	FT	SED	SED	6934R	6/27/00	7/5/00	1	VOC	108-88-3	Toluene	0.0052	MG/KG	U	U_LAB	U									Paragon
21-029	Western Seep	21-11127	MD21-00-004	6/22/00 11:40:00 AM	INV	NA	0	0.5	FT	SED	SED	6934R	6/27/00	7/5/00	1	VOC	1330-20-7	Xylene (Total)	0.0052	MG/KG	U	U_LAB	U									Paragon
21-029	Western Seep	21-11127	MD21-00-004	6/22/00 11:40:00 AM	INV	NA	0	0.5	FT	SED	SED	6934R	6/27/00	7/5/00	1	VOC	95-47-6	Xylene[1,2-]	0.0052	MG/KG	U	U_LAB	U									Paragon
21-029	Western Seep	21-11128	MD21-00-004	6/22/00 11:50:00 AM	INV	NA	0	0.5	FT	SED	SED	6934R	6/27/00	7/5/00	1	VOC	71-43-2	Benzene	0.0057	MG/KG	U	U_LAB	U									Paragon
21-029	Western Seep	21-11128	MD21-00-004	6/22/00 11:50:00 AM	INV	NA	0	0.5	FT	SED	SED	6934R	6/27/00	7/5/00	1	VOC	100-41-4	Ethylbenzene	0.0057	MG/KG	U	U_LAB	U									Paragon
21-029	Western Seep	21-11128	MD21-00-004	6/22/00 11:50:00 AM	INV	NA	0	0.5	FT	SED	SED	6934R	6/27/00	7/5/00	1	VOC	108-88-3	Toluene	0.0057	MG/KG	U	U_LAB	U									Paragon
21-029	Western Seep	21-11128	MD21-00-004	6/22/00 11:50:00 AM	INV	NA	0	0.5	FT	SED	SED	6934R	6/27/00	7/5/00	1	VOC	1330-20-7	Xylene (Total)	0.0057	MG/KG	U	U_LAB	U									Paragon
21-029	Western Seep	21-11128	MD21-00-004	6/22/00 11:50:00 AM	INV	NA	0	0.5	FT	SED	SED	6934R	6/27/00	7/5/00	1	VOC	95-47-6	Xylene[1,2-]	0.0057	MG/KG	U	U_LAB	U									Paragon
21-029	Western Seep	21-11142	MD21-00-006	7/10/00 11:30:00 AM	INV	NA	1	2	FT	R	QBT3	7047R	7/11/00	7/20/00	1	LEAD	PB	Lead	66.3	MG/KG				PM	I13B	PM	I14B					Kemron
21-029	Western Seep	21-11142	MD21-00-006	7/10/00 11:30:00 AM	INV	NA	1	2	FT	R	QBT3	7045R	7/10/00	8/8/00	2	SVOC	83-32-9	Acenaphthene	0.052	MG/KG	J	EQLIMOL	J									RECRA
21-029	Western Seep	21-11142	MD21-00-006	7/10/00 11:30:00 AM	INV	NA	1	2	FT	R	QBT3	7045R	7/10/00	8/8/00	2	SVOC	120-12-7	Anthracene	0.052	MG/KG	J	EQLIMOL	J									RECRA
21-029	Western Seep	21-11142	MD21-00-006	7/10/00 11:30:00 AM	INV	NA	1	2	FT	R	QBT3	7045R	7/10/00	8/8/00	2	SVOC	56-55-3	Benzo(a)anthracene	0.16	MG/KG	J	EQLIMOL	J									RECRA
21-029	Western Seep	21-11142	MD21-00-006	7/10/00 11:30:00 AM	INV	NA	1	2	FT	R	QBT3	7045R	7/10/00	8/8/00	2	SVOC	50-32-8	Benzo(a)pyrene	0.21	MG/KG	J	EQLIMOL	J									RECRA
21-029	Western Seep	21-11142	MD21-00-006	7/10/00 11:30:00 AM	INV	NA	1	2	FT	R	QBT3	7045R	7/10/00	8/8/00	2	SVOC	205-99-2	Benzo(b)fluoranthene	0.16	MG/KG	J	EQLIMOL	J									RECRA
21-029	Western Seep	21-11142	MD21-00-006	7/10/00 11:30:00 AM	INV	NA	1	2	FT	R	QBT3	7045R	7/10/00	8/8/00	2	SVOC	207-08-9	Benzo(k)fluoranthene	0.19	MG/KG	J	EQLIMOL	J									RECRA
21-029	Western Seep	21-11142	MD21-00-006	7/10/00 11:30:00 AM	INV	NA	1	2	FT	R	QBT3	7045R	7/10/00	8/8/00	2	SVOC	218-01-9	Chrysene	0.19	MG/KG	J	EQLIMOL	J									RECRA
21-029	Western Seep	21-11142	MD21-00-006	7/10/00 11:30:00 AM	INV	NA	1	2	FT	R	QBT3	7045R	7/10/00	8/8/00	2	SVOC	53-70-3	Dibenz(a,h)anthracene	0.81	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11142	MD21-00-006	7/10/00 11:30:00 AM	INV	NA	1	2	FT	R	QBT3	7045R	7/10/00	8/8/00	2	SVOC	206-44-0	Fluoranthene	0.32	MG/KG	J	EQLIMOL	J									RECRA
21-029	Western Seep	21-11142	MD21-00-006	7/10/00 11:30:00 AM	INV	NA	1	2	FT	R	QBT3	7045R	7/10/00	8/8/00	2	SVOC	86-73-7	Fluorene	0.051	MG/KG	J	EQLIMOL	J									RECRA
21-029	Western Seep	21-11142	MD21-00-006	7/10/00 11:30:00 AM	INV	NA	1	2	FT	R	QBT3	7045R	7/10/00	8/8/00	2	SVOC	91-57-6	Methylnaphthalene[2-]	0.81	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11142	MD21-00-006	7/10/00 11:30:00 AM	INV	NA	1	2	FT	R	QBT3	7045R	7/10/00	8/8/00	2	SVOC	91-20-3	Naphthalene	0.085	MG/KG	J	EQLIMOL	J									RECRA
21-029	Western Seep	21-11142	MD21-00-006	7/10/00 11:30:00 AM	INV	NA	1	2	FT	R	QBT3	7045R	7/10/00	8/8/00	2	SVOC	85-01-8	Phenanthrene	0.3	MG/KG	J	EQLIMOL	J									RECRA
21-029	Western Seep	21-11142	MD21-00-006	7/10/00 11:30:00 AM	INV	NA	1	2	FT	R	QBT3	7045R	7/10/00	8/8/00	2	SVOC	129-00-0	Pyrene	0.36	MG/KG	J	EQLIMOL	J									RECRA
21-029	Western Seep	21-11142	MD21-00-006	7/10/00 11:30:00 AM	INV	NA	1	2	FT	R	QBT3	7045R	7/10/00	8/10/00	10	TPH_DRO	DRO	Diesel Range Organics	190	MG/KG	U	DRO4		U	SV4							RECRA
21-029	Western Seep	21-11142	MD21-00-006	7/10/00 11:30:00 AM	INV	NA	1	2	FT	R	QBT3	7045R	7/10/00	7/20/00	1	TPH_GRO	GRO	Gasoline Range Organics	0.11	MG/KG	J	GRO7		J+	V7							RECRA
21-029	Western Seep	21-11142	MD21-00-006	7/10/00 11:30:00 AM	INV	NA	1	2	FT	R	QBT3	7045R	7/10/00	7/20/00	0.909	VOC	71-43-2	Benzene	0.006	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11142	MD21-00-006	7/10/00 11:30:00 AM	INV	NA	1	2	FT	R	QBT3	7045R	7/10/00	7/20/00	0.909	VOC	106-93-4	Dibromoethane[1,2-]	0.006	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11142	MD21-00-006	7/10/00 11:30:00 AM	INV	NA	1	2	FT	R	QBT3	7045R	7/10/00	7/20/00	0.909	VOC	107-06-2	Dichloroethane[1,2-]	0.006	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11142	MD21-00-006	7/10/00 11:30:00 AM	INV	NA	1	2	FT	R	QBT3	7045R	7/10/00	7/20/00	0.909	VOC	100-41-4	Ethylbenzene	0.006	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11142	MD21-00-006	7/10/00 11:30:00 AM	INV	NA	1	2	FT	R	QBT3	7045R	7/10/00	7/20/00	0.909	VOC	108-88-3	Toluene	0.006	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11142	MD21-00-006	7/10/00 11:30:00 AM	INV	NA	1	2	FT	R	QBT3	7045R	7/10/00	7/20/00	0.909	VOC	1330-20-7	Xylene (Total)	0.006	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11142	MD21-00-006	7/10/00 12:00:00 PM	INV	NA	2	3	FT	R	QBT3	7047R	7/11/00	7/20/00	1	LEAD	PB	Lead	14.1	MG/KG				PM	I13B	PM	I14B					Kemron
21-029	Western Seep	21-11142	MD21-00-006	7/10/00 12:00:00 PM	INV	NA	2	3	FT	R	QBT3	7045R	7/10/00	8/8/00	2	SVOC	83-32-9	Acenaphthene	0.82	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11142	MD21-00-006	7/10/00 12:00:00 PM	INV	NA	2	3	FT	R	QBT3	7045R	7/10/00	8/8/00	2	SVOC	120-12-7	Anthracene	0.82	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11142	MD21-00-006	7/10/00 12:00:00 PM	INV	NA	2	3	FT	R	QBT3	7045R	7/10/00	8/8/00	2	SVOC	56-55-3	Benzo(a)anthracene	0.82	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11142	MD21-00-006	7/10/00 12:00:00 PM	INV	NA	2	3	FT	R	QBT3	7045R	7/10/00	8/8/00	2	SVOC	50-32-8	Benzo(a)pyrene	0.82	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11142	MD21-00-006	7/10/00 12:00:00 PM	INV	NA	2	3	FT	R	QBT3	7045R	7/10/00	8/8/00	2	SVOC	205-99-2	Benzo(b)fluoranthene	0.82	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11142	MD21-00-006	7/10/00 12:00:00 PM	INV	NA	2	3	FT	R	QBT3	7045R	7/10/00	8/8/00	2	SVOC	207-08-9	Benzo(k)fluoranthene	0.82	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11142	MD21-00-006	7/10/00 12:00:00 PM	INV	NA	2	3	FT	R	QBT3	7045R	7/10/00	8/8/00	2	SVOC	218-01-9	Chrysene	0.82	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11142	MD21-00-006	7/10/00 12:00:00 PM	INV	NA	2	3	FT	R	QBT3	7045R	7/10/00	8/8/00	2	SVOC	53-70-3	Dibenz(a,h)anthracene	0.82	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11142	MD21-00-006	7/10/00 12:00:00 PM	INV	NA	2	3	FT	R	QBT3	7045R	7/10/00	8/8/00	2	SVOC	206-44-0	Fluoranthene	0.82	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11142	MD21-00-006	7/10/00 12:00:00 PM	INV	NA	2	3	FT	R	QBT3	7045R	7/10/00	8/8/00	2	SVOC	86-73-7	Fluorene	0.82	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11142	MD21-00-006	7/10/00 12:00:00 PM	INV	NA	2	3	FT	R	QBT3	7045R	7/10/00	8/8/00	2	SVOC	91-57-6	Methylnaphthalene[2-]	0.82	MG/KG	UJ	SV1	U	UJ	SV1							RECRA
21-029	Western Seep	21-11142	MD21-00-006	7/10/00 12:00:00 PM	INV	NA	2	3	FT	R	QBT3	7045R	7/10/00	8/8/00	2	SVOC	91-20-3	Naphthalene	0.82	MG/KG	UJ	SV1	U	UJ	SV1							RECRA
21-029	Western Seep	21-11142	MD21-00-006	7/10/00 12:00:00 PM	INV	NA	2	3	FT	R	QBT3	7045R	7/10/00	8/8/00	2	SVOC	85-01-8	Phenanthrene	0.82	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11142	MD21-00-006	7/10/00 12:00:00 PM	INV	NA	2	3	FT	R	QBT3	7045R	7/10/00	8/8/00	2	SVOC	129-00-0	Pyrene	0.82	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11142	MD21-00-006	7/10/00 12:00:00 PM	INV	NA	2	3	FT	R	QBT3	7045R	7/10/00	8/9/00	10	TPH_DRO	DRO	Diesel Range Organics	12	MG/KG												RECRA
21-029	Western Seep	21-11142	MD21-00-006	7/10/00 12:00:00 PM	INV	NA	2	3	FT	R	QBT3	7045R	7/10/00	7/20/00	1	TPH_GRO	GRO	Gasoline Range Organics	0.048	MG/KG	UJ	GRO7	U	UJ	V7							RECRA
21-029	Western Seep	21-11142	MD21-00-006	7/10/00 12:00:00 PM	INV	NA	2	3	FT	R	QBT3	7045R	7/10/00	7/20/00	0.826	VOC	71-43-2	Benzene	0.006	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11142	MD21-00-006	7/10/00 12:00:00 PM	INV	NA	2	3	FT	R	QBT3	7045R	7/10/00	7/20/00	0.826	VOC	106-93-4	Dibromoethane[1,2-]	0.006	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11142	MD21-00-006	7/10/00 12:00:00 PM	INV	NA	2	3	FT	R	QBT3	7045R	7/10/00	7/20/00	0.826	VOC	107-06-2	Dichloroethane[1,2-]	0.006	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11142	MD21-00-006	7/10/00 12:00:00 PM	INV	NA	2	3	FT	R	QBT3	7045R	7/10/00	7/20/00	0.826	VOC	100-41-4	Ethylbenzene	0.006	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11142	MD21-00-006	7/10/00 12:00:00 PM	INV	NA	2	3	FT	R	QBT3	7045R	7/10/00	7/20/00	0.826	VOC	108-88-3	Toluene	0.006	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11142	MD21-00-006	7/10/00 12:00:00 PM	INV	NA	2	3	FT	R	QBT3	7045R	7/10/00	7/20/00	0.826	VOC	1330-20-7	Xylene (Total)	0.006	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-007	7/17/00 10:30:00 AM	INV	NA	37	38	FT	R	QBT3	7132R	7/20/00	8/6/00	1	LEAD	PB	Lead	5.1	MG/KG												Kemron
21-029	Western Seep	21-11147	MD21-00-007	7/17/00 10:30:00 AM	INV	NA	37	38	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	83-32-9	Acenaphthene	0.34	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-007	7/17/00 10:30:00 AM	INV	NA	37	38	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	120-12-7	Anthracene	0.34	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-007	7/17/00 10:30:00 AM	INV	NA	37	38	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	56-55-3	Benzo(a)anthracene	0.34	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-007	7/17/00 10:30:00 AM	INV	NA	37	38	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	50-32-8	Benzo(a)pyrene	0.34	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-007	7/17/00 10:30:00 AM	INV	NA	37	38	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	205-99-2	Benzo(b)fluoranthene	0.34	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-007	7/17/00 10:30:00 AM	INV	NA	37	38	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	207-08-9	Benzo(k)fluoranthene	0.34	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-007	7/17/00 10:30:00 AM	INV	NA	37	38	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	218-01-9	Chrysene	0.34	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-007	7/17/00 10:30:00 AM	INV	NA	37	38	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	53-70-3	Dibenz(a,h)anthracene	0.34	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-007	7/17/00 10:30:00 AM	INV	NA	37	38	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	206-44-0	Fluoranthene	0.34	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-007	7/17/00 10:30:00 AM	INV	NA	37	38	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	86-73-7	Fluorene	0.34	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-007	7/17/00 10:30:00 AM	INV	NA	37	38	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	91-57-6	Methylnaphthalene[2-]	0.34	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-007	7/17/00 10:30:00 AM	INV	NA	37	38	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	91-20-3	Naphthalene	0.34	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-007	7/17/00 10:30:00 AM	INV	NA	37	38	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	85-01-8	Phenanthrene	0.34	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-007	7/17/00 10:30:00 AM	INV	NA	37	38	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	129-00-0	Pyrene	0.34	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-007	7/17/00 10:30:00 AM	INV	NA	37	38	FT	R	QBT3	7130R	7/20/00	8/17/00	1	TPH_DRO	DRO	Diesel Range Organics	10	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-007	7/17/00 10:30:00 AM	INV	NA	37	38	FT	R	QBT3	7130R	7/20/00	8/21/00	1	TPH_GRO	GRO	Gasoline Range Organics	0.04	MG/KG	UJ	GRO9	U	UJ	V9							RECRA
21-029	Western Seep	21-11147	MD21-00-007	7/17/00 10:30:00 AM	INV	NA	37	38	FT	R	QBT3	7130R	7/20/00	7/26/00	1.22	VOC	71-43-2	Benzene	0.006	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-007	7/17/00 10:30:00 AM	INV	NA	37	38	FT	R	QBT3	7130R	7/20/00	7/26/00	1.22	VOC	106-93-4	Dibromoethane[1,2-]	0.006	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-007	7/17/00 10:30:00 AM	INV	NA	37	38	FT	R	QBT3	7130R	7/20/00	7/26/00	1.22	VOC	107-06-2	Dichloroethane[1,2-]	0.006	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-007	7/17/00 10:30:00 AM	INV	NA	37	38	FT	R	QBT3	7130R	7/20/00	7/26/00	1.22	VOC	100-41-4	Ethylbenzene	0.006	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-007	7/17/00 10:30:00 AM	INV	NA	37	38	FT	R	QBT3	7130R	7/20/00	7/26/00	1.22	VOC	108-88-3	Toluene	0.006	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-007	7/17/00 10:30:00 AM	INV	NA	37	38	FT	R	QBT3	7130R	7/20/00	7/26/00	1.22	VOC	1330-20-7	Xylene (Total)	0.006	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-007	7/18/00 12:35:00 PM	INV	NA	44	45	FT	R	QBT3	7132R	7/20/00	8/6/00	1	LEAD	PB	Lead	11	MG/KG												Kemron
21-029	Western Seep	21-11147	MD21-00-007	7/18/00 12:35:00 PM	INV	NA	44	45	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	83-32-9	Acenaphthene	0.36	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-007	7/18/00 12:35:00 PM	INV	NA	44	45	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	120-12-7	Anthracene	0.36	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-007	7/18/00 12:35:00 PM	INV	NA	44	45	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	56-55-3	Benzo(a)anthracene	0.36	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-007	7/18/00 12:35:00 PM	INV	NA	44	45	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	50-32-8	Benzo(a)pyrene	0.36	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-007	7/18/00 12:35:00 PM	INV	NA	44	45	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	205-99-2	Benzo(b)fluoranthene	0.36	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-007	7/18/00 12:35:00 PM	INV	NA	44	45	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	207-08-9	Benzo(k)fluoranthene	0.36	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-007	7/18/00 12:35:00 PM	INV	NA	44	45	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	218-01-9	Chrysene	0.36	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-007	7/18/00 12:35:00 PM	INV	NA	44	45	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	53-70-3	Dibenz(a,h)anthracene	0.36	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-007	7/18/00 12:35:00 PM	INV	NA	44	45	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	206-44-0	Fluoranthene	0.36	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-007	7/18/00 12:35:00 PM	INV	NA	44	45	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	86-73-7	Fluorene	0.36	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-007	7/18/00 12:35:00 PM	INV	NA	44	45	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	91-57-6	Methylnaphthalene[2-]	0.36	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-007	7/18/00 12:35:00 PM	INV	NA	44	45	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	91-20-3	Naphthalene	0.36	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-007	7/18/00 12:35:00 PM	INV	NA	44	45	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	85-01-8	Phenanthrene	0.36	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-007	7/18/00 12:35:00 PM	INV	NA	44	45	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	129-00-0	Pyrene	0.36	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-007	7/18/00 12:35:00 PM	INV	NA	44	45	FT	R	QBT3	7130R	7/20/00	8/18/00	1	TPH_DRO	DRO	Diesel Range Organics	10	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-007	7/18/00 12:35:00 PM	INV	NA	44	45	FT	R	QBT3	7130R	7/20/00	8/21/00	1	TPH_GRO	GRO	Gasoline Range Organics	0.044	MG/KG	UJ	GRO9	U	UJ	V9							RECRA
21-029	Western Seep	21-11147	MD21-00-007	7/18/00 12:35:00 PM	INV	NA	44	45	FT	R	QBT3	7130R	7/20/00	7/26/00	1.16	VOC	71-43-2	Benzene	0.006	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-007	7/18/00 12:35:00 PM	INV	NA	44	45	FT	R	QBT3	7130R	7/20/00	7/26/00	1.16	VOC	106-93-4	Dibromoethane[1,2-]	0.006	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-007	7/18/00 12:35:00 PM	INV	NA	44	45	FT	R	QBT3	7130R	7/20/00	7/26/00	1.16	VOC	107-06-2	Dichloroethane[1,2-]	0.006	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-007	7/18/00 12:35:00 PM	INV	NA	44	45	FT	R	QBT3	7130R	7/20/00	7/26/00	1.16	VOC	100-41-4	Ethylbenzene	0.006	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-007	7/18/00 12:35:00 PM	INV	NA	44	45	FT	R	QBT3	7130R	7/20/00	7/26/00	1.16	VOC	108-88-3	Toluene	0.006	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-007	7/18/00 12:35:00 PM	INV	NA	44	45	FT	R	QBT3	7130R	7/20/00	7/26/00	1.16	VOC	1330-20-7	Xylene (Total)	0.006	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11125	MD21-00-007	6/20/00 2:00:00 PM	INV	NA	0	0.5	FT	SED	SED	6874R	6/21/00	7/14/00	1	LEAD	PB	Lead	48	MG/KG				PM	I13B	PM	I14B					Paragon
21-029	Western Seep	21-11125	MD21-00-007	6/20/00 2:00:00 PM	INV	NA	0	0.5	FT	SED	SED	6872R	6/21/00	7/13/00	1	SVOC	83-32-9	Acenaphthene	3.7	MG/KG	U	U_LAB	U									Paragon
21-029	Western Seep	21-11125	MD21-00-007	6/20/00 2:00:00 PM	INV	NA	0	0.5	FT	SED	SED	6872R	6/21/00	7/13/00	1	SVOC	120-12-7	Anthracene	3.7	MG/KG	U	U_LAB	U									Paragon
21-029	Western Seep	21-11125	MD21-00-007	6/20/00 2:00:00 PM	INV	NA	0	0.5	FT	SED	SED	6872R	6/21/00	7/13/00	1	SVOC	56-55-3	Benzo(a)anthracene	3.7	MG/KG	U	U_LAB	U									Paragon
21-029	Western Seep	21-11125	MD21-00-007	6/20/00 2:00:00 PM	INV	NA	0	0.5	FT	SED	SED	6872R	6/21/00	7/13/00	1	SVOC	50-32-8	Benzo(a)pyrene	3.7	MG/KG	U	U_LAB	U									Paragon
21-029	Western Seep	21-11125	MD21-00-007	6/20/00 2:00:00 PM	INV	NA	0	0.5	FT	SED	SED	6872R	6/21/00	7/13/00	1	SVOC	205-99-2	Benzo(b)fluoranthene	3.7	MG/KG	U	U_LAB	U									Paragon
21-029	Western Seep	21-11125	MD21-00-007	6/20/00 2:00:00 PM	INV	NA	0	0.5	FT	SED	SED	6872R	6/21/00	7/13/00	1	SVOC	207-08-9	Benzo(k)fluoranthene	3.7	MG/KG	U	U_LAB	U									Paragon
21-029	Western Seep	21-11125	MD21-00-007	6/20/00 2:00:00 PM	INV	NA	0	0.5	FT	SED	SED	6872R	6/21/00	7/13/00	1	SVOC	218-01-9	Chrysene	3.7	MG/KG	U	U_LAB	U									Paragon
21-029	Western Seep	21-11125	MD21-00-007	6/20/00 2:00:00 PM	INV	NA	0	0.5	FT	SED	SED	6872R	6/21/00	7/13/00	1	SVOC	53-70-3	Dibenz(a,h)anthracene	3.7	MG/KG	U	U_LAB	U									Paragon
21-029	Western Seep	21-11125	MD21-00-007	6/20/00 2:00:00 PM	INV	NA	0	0.5	FT	SED	SED	6872R	6/21/00	7/13/00	1	SVOC	206-44-0	Fluoranthene	3.7	MG/KG	U	U_LAB	U									Paragon
21-029	Western Seep	21-11125	MD21-00-007	6/20/00 2:00:00 PM	INV	NA	0	0.5	FT	SED	SED	6872R	6/21/00	7/13/00	1	SVOC	86-73-7	Fluorene	3.7	MG/KG	U	U_LAB	U									Paragon
21-029	Western Seep	21-11125	MD21-00-007	6/20/00 2:00:00 PM	INV	NA	0	0.5	FT	SED	SED	6872R	6/21/00	7/13/00	1	SVOC	91-57-6	Methylnaphthalene[2-]	3.7	MG/KG	U	U_LAB	U									Paragon
21-029	Western Seep	21-11125	MD21-00-007	6/20/00 2:00:00 PM	INV	NA	0	0.5	FT	SED	SED	6872R	6/21/00	7/13/00	1	SVOC	91-20-3	Naphthalene	3.7	MG/KG	U	U_LAB	U									Paragon
21-029	Western Seep	21-11125	MD21-00-007	6/20/00 2:00:00 PM	INV	NA	0	0.5	FT	SED	SED	6872R	6/21/00	7/13/00	1	SVOC	85-01-8	Phenanthrene	3.7	MG/KG	U	U_LAB	U									Paragon
21-029	Western Seep	21-11125	MD21-00-007	6/20/00 2:00:00 PM	INV	NA	0	0.5	FT	SED	SED	6872R	6/21/00	7/13/00	1	SVOC	129-00-0	Pyrene	3.7	MG/KG	U	U_LAB	U									Paragon
21-029	Western Seep	21-11125	MD21-00-007	6/20/00 2:00:00 PM	INV	NA	0	0.5	FT	SED	SED	6872R	6/21/00	7/18/00	1	TPH_DRO	DRO	Diesel Range Organics	52	MG/KG												Paragon
21-029	Western Seep	21-11125	MD21-00-007	6/20/00 2:00:00 PM	INV	NA	0	0.5	FT	SED	SED	6872R	6/21/00	6/29/00	1	TPH_GRO	GRO	Gasoline Range Organics	0.55	MG/KG	U	U_LAB	U									Paragon
21-029	Western Seep	21-11126	MD21-00-007	6/21/00 9:30:00 AM	INV	NA	0	0.5	FT	SED	SED	6900R	6/22/00	7/14/00	1	LEAD	PB	Lead	14	MG/KG												Paragon
21-029	Western Seep	21-11126	MD21-00-007	6/21/00 9:30:00 AM	INV	NA	0	0.5	FT	SED	SED	6888R	6/22/00	7/14/00	1	SVOC	83-32-9	Acenaphthene	3.6	MG/KG	U	U_LAB	U									Paragon
21-029	Western Seep	21-11126	MD21-00-007	6/21/00 9:30:00 AM	INV	NA	0	0.5	FT	SED	SED	6888R	6/22/00	7/14/00	1	SVOC	120-12-7	Anthracene	3.6	MG/KG	U	U_LAB	U									Paragon
21-029	Western Seep	21-11126	MD21-00-007	6/21/00 9:30:00 AM	INV	NA	0	0.5	FT	SED	SED	6888R	6/22/00	7/14/00	1	SVOC	56-55-3	Benzo(a)anthracene	3.6	MG/KG	U	U_LAB	U									Paragon
21-029	Western Seep	21-11126	MD21-00-007	6/21/00 9:30:00 AM	INV	NA	0	0.5	FT	SED	SED	6888R	6/22/00	7/14/00	1	SVOC	50-32-8	Benzo(a)pyrene	3.6	MG/KG	U	U_LAB	U									Paragon
21-029	Western Seep	21-11126	MD21-00-007	6/21/00 9:30:00 AM	INV	NA	0	0.5	FT	SED	SED	6888R	6/22/00	7/14/00	1	SVOC	205-99-2	Benzo(b)fluoranthene	3.6	MG/KG	U	U_LAB	U									Paragon
21-029	Western Seep	21-11126	MD21-00-007	6/21/00 9:30:00 AM	INV	NA	0	0.5	FT	SED	SED	6888R	6/22/00	7/14/00	1	SVOC	207-08-9	Benzo(k)fluoranthene	3.6	MG/KG	U	U_LAB	U									Paragon
21-029	Western Seep	21-11126	MD21-00-007	6/21/00 9:30:00 AM	INV	NA	0	0.5	FT	SED	SED	6888R	6/22/00	7/14/00	1	SVOC	218-01-9	Chrysene	3.6	MG/KG	U	U_LAB	U									Paragon
21-029	Western Seep	21-11126	MD21-00-007	6/21/00 9:30:00 AM	INV	NA	0	0.5	FT	SED	SED	6888R	6/22/00	7/14/00	1	SVOC	53-70-3	Dibenz(a,h)anthracene	3.6	MG/KG	U	U_LAB	U									Paragon
21-029	Western Seep	21-11126	MD21-00-007	6/21/00 9:30:00 AM	INV	NA	0	0.5	FT	SED	SED	6888R	6/22/00	7/14/00	1	SVOC	206-44-0	Fluoranthene	3.6	MG/KG	U	U_LAB	U									Paragon
21-029	Western Seep	21-11126	MD21-00-007	6/21/00 9:30:00 AM	INV	NA	0	0.5	FT	SED	SED	6888R	6/22/00	7/14/00	1	SVOC	86-73-7	Fluorene	3.6	MG/KG	U	U_LAB	U									Paragon
21-029	Western Seep	21-11126	MD21-00-007	6/21/00 9:30:00 AM	INV	NA	0	0.5	FT	SED	SED	6888R	6/22/00	7/14/00	1	SVOC	91-57-6	Methylnaphthalene[2-]	3.6	MG/KG	U	U_LAB	U									Paragon
21-029	Western Seep	21-11126	MD21-00-007	6/21/00 9:30:00 AM	INV	NA	0	0.5	FT	SED	SED	6888R	6/22/00	7/14/00	1	SVOC	91-20-3	Naphthalene	3.6	MG/KG	U	U_LAB	U									Paragon
21-029	Western Seep	21-11126	MD21-00-007	6/21/00 9:30:00 AM	INV	NA	0	0.5	FT	SED	SED	6888R	6/22/00	7/14/00	1	SVOC	85-01-8	Phenanthrene	3.6	MG/KG	U	U_LAB	U									Paragon
21-029	Western Seep	21-11126	MD21-00-007	6/21/00 9:30:00 AM	INV	NA	0	0.5	FT	SED	SED	6888R	6/22/00	7/14/00	1	SVOC	129-00-0	Pyrene	3.6	MG/KG	U	U_LAB	U									Paragon
21-029	Western Seep	21-11126	MD21-00-007	6/21/00 9:30:00 AM	INV	NA	0	0.5	FT	SED	SED	6888R	6/22/00	7/14/00	1	TPH_DRO	DRO	Diesel Range Organics	66	MG/KG												Paragon
21-029	Western Seep	21-11126	MD21-00-007	6/21/00 9:30:00 AM	INV	NA	0	0.5	FT	SED	SED	6888R	6/22/00	7/5/00	1	TPH_GRO	GRO	Gasoline Range Organics	0.55	MG/KG	U	U_LAB	U									Paragon
21-029	Western Seep	21-11127	MD21-00-008	6/21/00 10:30:00 AM	INV	NA	0	0.5	FT	SED	SED	6900R	6/22/00	7/14/00	1	LEAD	PB	Lead	13	MG/KG												Paragon
21-029	Western Seep	21-11127	MD21-00-008	6/21/00 10:30:00 AM	INV	NA	0	0.5	FT	SED	SED	6888R	6/22/00	7/13/00	1	SVOC	83-32-9	Acenaphthene	3.7	MG/KG	U	U_LAB	U									Paragon
21-029	Western Seep	21-11127	MD21-00-008	6/21/00 10:30:00 AM	INV	NA	0	0.5	FT	SED	SED	6888R	6/22/00	7/13/00	1	SVOC	120-12-7	Anthracene	3.7	MG/KG	U	U_LAB	U									Paragon
21-029	Western Seep	21-11127	MD21-00-008	6/21/00 10:30:00 AM	INV	NA	0	0.5	FT	SED	SED	6888R	6/22/00	7/13/00	1	SVOC	56-55-3	Benzo(a)anthracene	3.7	MG/KG	U	U_LAB	U									Paragon
21-029	Western Seep	21-11127	MD21-00-008	6/21/00 10:30:00 AM	INV	NA	0	0.5	FT	SED	SED	6888R	6/22/00	7/13/00	1	SVOC	50-32-8	Benzo(a)pyrene	3.7	MG/KG	UJ	SV1a	U	UJ	SV1A							Paragon
21-029	Western Seep	21-11127	MD21-00-008	6/21/00 10:30:00 AM	INV	NA	0	0.5	FT	SED	SED	6888R	6/22/00	7/13/00	1	SVOC	205-99-2	Benzo(b)fluoranthene	3.7	MG/KG	UJ	SV1a	U	UJ	SV1A							Paragon
21-029	Western Seep	21-11127	MD21-00-008	6/21/00 10:30:00 AM	INV	NA	0	0.5	FT	SED	SED	6888R	6/22/00	7/13/00	1	SVOC	207-08-9	Benzo(k)fluoranthene	3.7	MG/KG	UJ	SV1a	U	UJ	SV1A							Paragon
21-029	Western Seep	21-11127	MD21-00-008	6/21/00 10:30:00 AM	INV	NA	0	0.5	FT	SED	SED	6888R	6/22/00	7/13/00	1	SVOC	218-01-9	Chrysene	3.7	MG/KG	U	U_LAB	U									Paragon
21-029	Western Seep	21-11127	MD21-00-008	6/21/00 10:30:00 AM	INV	NA	0	0.5	FT	SED	SED	6888R	6/22/00	7/13/00	1	SVOC	53-70-3	Dibenz(a,h)anthracene	3.7	MG/KG	UJ	SV1a	U	UJ	SV1A							Paragon
21-029	Western Seep	21-11127	MD21-00-008	6/21/00 10:30:00 AM	INV	NA	0	0.5	FT	SED	SED	6888R	6/22/00	7/13/00	1	SVOC	206-44-0	Fluoranthene	2.8	MG/KG	J	EQLIMOL	J									Paragon
21-029	Western Seep	21-11127	MD21-00-008	6/21/00 10:30:00 AM	INV	NA	0	0.5	FT	SED	SED	6888R	6/22/00	7/13/00	1	SVOC	86-73-7	Fluorene	3.7	MG/KG	U	U_LAB	U									Paragon
21-029	Western Seep	21-11127	MD21-00-008	6/21/00 10:30:00 AM	INV	NA	0	0.5	FT	SED	SED	6888R	6/22/00	7/13/00	1	SVOC	91-57-6	Methylnaphthalene[2-]	3.7	MG/KG	U	U_LAB	U									Paragon
21-029	Western Seep	21-11127	MD21-00-008	6/21/00 10:30:00 AM	INV	NA	0	0.5	FT	SED	SED	6888R	6/22/00	7/13/00	1	SVOC	91-20-3	Naphthalene	3.7	MG/KG	U	U_LAB	U									Paragon
21-029	Western Seep	21-11127	MD21-00-008	6/21/00 10:30:00 AM	INV	NA	0	0.5	FT	SED	SED	6888R	6/22/00	7/13/00	1	SVOC	85-01-8	Phenanthrene	2.7	MG/KG	J	EQLIMOL	J									Paragon
21-029	Western Seep	21-11127	MD21-00-008	6/21/00 10:30:00 AM	INV	NA	0	0.5	FT	SED	SED	6888R	6/22/00	7/13/00	1	SVOC	129-00-0	Pyrene	3	MG/KG	J	EQLIMOL	J									Paragon
21-029	Western Seep	21-11127	MD21-00-008	6/21/00 10:30:00 AM	INV	NA	0	0.5	FT	SED	SED	6888R	6/22/00	7/14/00	1	TPH_DRO	DRO	Diesel Range Organics	69	MG/KG												Paragon
21-029	Western Seep	21-11127	MD21-00-008	6/21/00 10:30:00 AM	INV	NA	0	0.5	FT	SED	SED	6888R	6/22/00	7/5/00	1	TPH_GRO	GRO	Gasoline Range Organics	0.55	MG/KG	U	U_LAB	U									Paragon
21-029	Western Seep	21-11128	MD21-00-008	6/21/00 10:55:00 AM	INV	NA	0	0.5	FT	SED	SED	6900R	6/22/00	7/14/00	1	LEAD	PB	Lead	14	MG/KG												Paragon
21-029	Western Seep	21-11128	MD21-00-008	6/21/00 10:55:00 AM	INV	NA	0	0.5	FT	SED	SED	6888R	6/22/00	7/14/00	1	SVOC	83-32-9	Acenaphthene	3.6	MG/KG	U	U_LAB	U									Paragon
21-029	Western Seep	21-11128	MD21-00-008	6/21/00 10:55:00 AM	INV	NA	0	0.5	FT	SED	SED	6888R	6/22/00	7/14/00	1	SVOC	120-12-7	Anthracene	3.6	MG/KG	U	U_LAB	U									Paragon
21-029	Western Seep	21-11128	MD21-00-008	6/21/00 10:55:00 AM	INV	NA	0	0.5	FT	SED	SED	6888R	6/22/00	7/14/00	1	SVOC	56-55-3	Benzo(a)anthracene	3.6	MG/KG	UJ	SV1a	U	UJ	SV1A							Paragon
21-029	Western Seep	21-11128	MD21-00-008	6/21/00 10:55:00 AM	INV	NA	0	0.5	FT	SED	SED	6888R	6/22/00	7/14/00	1	SVOC	50-32-8	Benzo(a)pyrene	3.6	MG/KG	UJ	SV1a	U	UJ	SV1A							Paragon
21-029	Western Seep	21-11128	MD21-00-008	6/21/00 10:55:00 AM	INV	NA	0	0.5	FT	SED	SED	6888R	6/22/00	7/14/00	1	SVOC	205-99-2	Benzo(b)fluoranthene	3.6	MG/KG	UJ	SV1a	U	UJ	SV1A							Paragon
21-029	Western Seep	21-11128	MD21-00-008	6/21/00 10:55:00 AM	INV	NA	0	0.5	FT	SED	SED	6888R	6/22/00	7/14/00	1	SVOC	207-08-9	Benzo(k)fluoranthene	3.6	MG/KG	UJ	SV1a	U	UJ	SV1A							Paragon
21-029	Western Seep	21-11128	MD21-00-008	6/21/00 10:55:00 AM	INV	NA	0	0.5	FT	SED	SED	6888R	6/22/00	7/14/00	1	SVOC	218-01-9	Chrysene	3.6	MG/KG	UJ	SV1a	U	UJ	SV1A							Paragon
21-029	Western Seep	21-11128	MD21-00-008	6/21/00 10:55:00 AM	INV	NA	0	0.5	FT	SED	SED	6888R	6/22/00	7/14/00	1	SVOC	53-70-3	Dibenz(a,h)anthracene	3.6	MG/KG	UJ	SV1a	U	UJ	SV1A							Paragon
21-029	Western Seep	21-11128	MD21-00-008	6/21/00 10:55:00 AM	INV	NA	0	0.5	FT	SED	SED	6888R	6/22/00	7/14/00	1	SVOC	206-44-0	Fluoranthene	3.6	MG/KG	U	U_LAB	U									Paragon
21-029	Western Seep	21-11128	MD21-00-008	6/21/00 10:55:00 AM	INV	NA	0	0.5	FT	SED	SED	6888R	6/22/00	7/14/00	1	SVOC	86-73-7	Fluorene	3.6	MG/KG	U	U_LAB	U									Paragon
21-029	Western Seep	21-11128	MD21-00-008	6/21/00 10:55:00 AM	INV	NA	0	0.5	FT	SED	SED	6888R	6/22/00	7/14/00	1	SVOC	91-57-6	Methylnaphthalene[2-]	3.6	MG/KG	U	U_LAB	U									Paragon
21-029	Western Seep	21-11128	MD21-00-008	6/21/00 10:55:00 AM	INV	NA	0	0.5	FT	SED	SED	6888R	6/22/00	7/14/00	1	SVOC	91-20-3	Naphthalene	3.6	MG/KG	U	U_LAB	U									Paragon
21-029	Western Seep	21-11128	MD21-00-008	6/21/00 10:55:00 AM	INV	NA	0	0.5	FT	SED	SED	6888R	6/22/00	7/14/00	1	SVOC	85-01-8	Phenanthrene	3.6	MG/KG	U	U_LAB	U									Paragon
21-029	Western Seep	21-11128	MD21-00-008	6/21/00 10:55:00 AM	INV	NA	0	0.5	FT	SED	SED	6888R	6/22/00	7/14/00	1	SVOC	129-00-0	Pyrene	3.6	MG/KG	UJ	SV1a	U	UJ	SV1A							Paragon
21-029	Western Seep	21-11128	MD21-00-008	6/21/00 10:55:00 AM	INV	NA	0	0.5	FT	SED	SED	6888R	6/22/00	7/14/00	1	TPH_DRO	DRO	Diesel Range Organics	73	MG/KG												Paragon
21-029	Western Seep	21-11128	MD21-00-008	6/21/00 10:55:00 AM	INV	NA	0	0.5	FT	SED	SED	6888R	6/22/00	7/5/00	1	TPH_GRO	GRO	Gasoline Range Organics	0.54	MG/KG	U	U_LAB	U									Paragon
21-029	Western Seep	21-11147	MD21-00-008	7/18/00 12:55:00 PM	INV	NA	49	50	FT	R	QBT3	7132R	7/20/00	8/6/00	1	LEAD	PB	Lead	8	MG/KG												Kemron
21-029	Western Seep	21-11147	MD21-00-008	7/18/00 12:55:00 PM	INV	NA	49	50	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	83-32-9	Acenaphthene	0.35	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-008	7/18/00 12:55:00 PM	INV	NA	49	50	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	120-12-7	Anthracene	0.35	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-008	7/18/00 12:55:00 PM	INV	NA	49	50	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	56-55-3	Benzo(a)anthracene	0.35	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-008	7/18/00 12:55:00 PM	INV	NA	49	50	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	50-32-8	Benzo(a)pyrene	0.35	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-008	7/18/00 12:55:00 PM	INV	NA	49	50	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	205-99-2	Benzo(b)fluoranthene	0.35	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-008	7/18/00 12:55:00 PM	INV	NA	49	50	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	207-08-9	Benzo(k)fluoranthene	0.35	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-008	7/18/00 12:55:00 PM	INV	NA	49	50	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	218-01-9	Chrysene	0.35	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-008	7/18/00 12:55:00 PM	INV	NA	49	50	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	53-70-3	Dibenz(a,h)anthracene	0.35	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-008	7/18/00 12:55:00 PM	INV	NA	49	50	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	206-44-0	Fluoranthene	0.35	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-008	7/18/00 12:55:00 PM	INV	NA	49	50	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	86-73-7	Fluorene	0.35	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-008	7/18/00 12:55:00 PM	INV	NA	49	50	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	91-57-6	Methylnaphthalene[2-]	0.35	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-008	7/18/00 12:55:00 PM	INV	NA	49	50	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	91-20-3	Naphthalene	0.35	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-008	7/18/00 12:55:00 PM	INV	NA	49	50	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	85-01-8	Phenanthrene	0.35	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-008	7/18/00 12:55:00 PM	INV	NA	49	50	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	129-00-0	Pyrene	0.35	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-008	7/18/00 12:55:00 PM	INV	NA	49	50	FT	R	QBT3	7130R	7/20/00	8/18/00	1	TPH_DRO	DRO	Diesel Range Organics	10	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-008	7/18/00 12:55:00 PM	INV	NA	49	50	FT	R	QBT3	7130R	7/20/00	8/21/00	1	TPH_GRO	GRO	Gasoline Range Organics	0.044	MG/KG	UJ	GRO9	U	UJ	V9							RECRA
21-029	Western Seep	21-11147	MD21-00-008	7/18/00 12:55:00 PM	INV	NA	49	50	FT	R	QBT3	7130R	7/20/00	7/26/00	1.11	VOC	71-43-2	Benzene	0.006	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-008	7/18/00 12:55:00 PM	INV	NA	49	50	FT	R	QBT3	7130R	7/20/00	7/26/00	1.11	VOC	106-93-4	Dibromoethane[1,2-]	0.006	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-008	7/18/00 12:55:00 PM	INV	NA	49	50	FT	R	QBT3	7130R	7/20/00	7/26/00	1.11	VOC	107-06-2	Dichloroethane[1,2-]	0.006	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-008	7/18/00 12:55:00 PM	INV	NA	49	50	FT	R	QBT3	7130R	7/20/00	7/26/00	1.11	VOC	100-41-4	Ethylbenzene	0.006	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-008	7/18/00 12:55:00 PM	INV	NA	49	50	FT	R	QBT3	7130R	7/20/00	7/26/00	1.11	VOC	108-88-3	Toluene	0.006	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-008	7/18/00 12:55:00 PM	INV	NA	49	50	FT	R	QBT3	7130R	7/20/00	7/26/00	1.11	VOC	1330-20-7	Xylene (Total)	0.006	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-008	7/18/00 1:05:00 PM	INV	NA	54	55	FT	R	QBT3	7132R	7/20/00	8/6/00	1	LEAD	PB	Lead	9.2	MG/KG												Kemron
21-029	Western Seep	21-11147	MD21-00-008	7/18/00 1:05:00 PM	INV	NA	54	55	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	83-32-9	Acenaphthene	0.37	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-008	7/18/00 1:05:00 PM	INV	NA	54	55	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	120-12-7	Anthracene	0.37	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-008	7/18/00 1:05:00 PM	INV	NA	54	55	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	56-55-3	Benzo(a)anthracene	0.37	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-008	7/18/00 1:05:00 PM	INV	NA	54	55	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	50-32-8	Benzo(a)pyrene	0.37	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-008	7/18/00 1:05:00 PM	INV	NA	54	55	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	205-99-2	Benzo(b)fluoranthene	0.37	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-008	7/18/00 1:05:00 PM	INV	NA	54	55	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	207-08-9	Benzo(k)fluoranthene	0.37	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-008	7/18/00 1:05:00 PM	INV	NA	54	55	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	218-01-9	Chrysene	0.37	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-008	7/18/00 1:05:00 PM	INV	NA	54	55	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	53-70-3	Dibenz(a,h)anthracene	0.37	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-008	7/18/00 1:05:00 PM	INV	NA	54	55	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	206-44-0	Fluoranthene	0.37	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-008	7/18/00 1:05:00 PM	INV	NA	54	55	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	86-73-7	Fluorene	0.37	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-008	7/18/00 1:05:00 PM	INV	NA	54	55	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	91-57-6	Methylnaphthalene[2-]	0.37	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-008	7/18/00 1:05:00 PM	INV	NA	54	55	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	91-20-3	Naphthalene	0.37	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-008	7/18/00 1:05:00 PM	INV	NA	54	55	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	85-01-8	Phenanthrene	0.37	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-008	7/18/00 1:05:00 PM	INV	NA	54	55	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	129-00-0	Pyrene	0.37	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-008	7/18/00 1:05:00 PM	INV	NA	54	55	FT	R	QBT3	7130R	7/20/00	8/18/00	1	TPH_DRO	DRO	Diesel Range Organics	11	MG/KG												RECRA
21-029	Western Seep	21-11147	MD21-00-008	7/18/00 1:05:00 PM	INV	NA	54	55	FT	R	QBT3	7130R	7/20/00	8/21/00	1	TPH_GRO	GRO	Gasoline Range Organics	0.044	MG/KG	UJ	GRO9	U	UJ	V9							RECRA
21-029	Western Seep	21-11147	MD21-00-008	7/18/00 1:05:00 PM	INV	NA	54	55	FT	R	QBT3	7130R	7/20/00	7/26/00	1	VOC	71-43-2	Benzene	0.006	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-008	7/18/00 1:05:00 PM	INV	NA	54	55	FT	R	QBT3	7130R	7/20/00	7/26/00	1	VOC	106-93-4	Dibromoethane[1,2-]	0.006	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-008	7/18/00 1:05:00 PM	INV	NA	54	55	FT	R	QBT3	7130R	7/20/00	7/26/00	1	VOC	107-06-2	Dichloroethane[1,2-]	0.006	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-008	7/18/00 1:05:00 PM	INV	NA	54	55	FT	R	QBT3	7130R	7/20/00	7/26/00	1	VOC	100-41-4	Ethylbenzene	0.006	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-008	7/18/00 1:05:00 PM	INV	NA	54	55	FT	R	QBT3	7130R	7/20/00	7/26/00	1	VOC	108-88-3	Toluene	0.006	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-008	7/18/00 1:05:00 PM	INV	NA	54	55	FT	R	QBT3	7130R	7/20/00	7/26/00	1	VOC	1330-20-7	Xylene (Total)	0.006	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-009	7/19/00 8:30:00 AM	INV	NA	59.7	60.3	FT	R	QBT3	7132R	7/20/00	8/6/00	1	LEAD	PB	Lead	8.2	MG/KG												Kemron
21-029	Western Seep	21-11147	MD21-00-009	7/19/00 8:30:00 AM	INV	NA	59.7	60.3	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	83-32-9	Acenaphthene	0.36	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-009	7/19/00 8:30:00 AM	INV	NA	59.7	60.3	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	120-12-7	Anthracene	0.36	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-009	7/19/00 8:30:00 AM	INV	NA	59.7	60.3	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	56-55-3	Benzo(a)anthracene	0.36	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-009	7/19/00 8:30:00 AM	INV	NA	59.7	60.3	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	50-32-8	Benzo(a)pyrene	0.36	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-009	7/19/00 8:30:00 AM	INV	NA	59.7	60.3	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	205-99-2	Benzo(b)fluoranthene	0.36	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-009	7/19/00 8:30:00 AM	INV	NA	59.7	60.3	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	207-08-9	Benzo(k)fluoranthene	0.36	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-009	7/19/00 8:30:00 AM	INV	NA	59.7	60.3	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	218-01-9	Chrysene	0.36	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-009	7/19/00 8:30:00 AM	INV	NA	59.7	60.3	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	53-70-3	Dibenz(a,h)anthracene	0.36	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-009	7/19/00 8:30:00 AM	INV	NA	59.7	60.3	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	206-44-0	Fluoranthene	0.36	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-009	7/19/00 8:30:00 AM	INV	NA	59.7	60.3	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	86-73-7	Fluorene	0.36	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-009	7/19/00 8:30:00 AM	INV	NA	59.7	60.3	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	91-57-6	Methylnaphthalene[2-]	0.36	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-009	7/19/00 8:30:00 AM	INV	NA	59.7	60.3	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	91-20-3	Naphthalene	0.36	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-009	7/19/00 8:30:00 AM	INV	NA	59.7	60.3	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	85-01-8	Phenanthrene	0.36	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-009	7/19/00 8:30:00 AM	INV	NA	59.7	60.3	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	129-00-0	Pyrene	0.36	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-009	7/19/00 8:30:00 AM	INV	NA	59.7	60.3	FT	R	QBT3	7130R	7/20/00	8/18/00	1	TPH_DRO	DRO	Diesel Range Organics	10	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-009	7/19/00 8:30:00 AM	INV	NA	59.7	60.3	FT	R	QBT3	7130R	7/20/00	8/21/00	1	TPH_GRO	GRO	Gasoline Range Organics	0.044	MG/KG	UJ	GRO9	U	UJ	V9							RECRA
21-029	Western Seep	21-11147	MD21-00-009	7/19/00 8:30:00 AM	INV	NA	59.7	60.3	FT	R	QBT3	7130R	7/20/00	7/26/00	1.04	VOC	71-43-2	Benzene	0.006	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-009	7/19/00 8:30:00 AM	INV	NA	59.7	60.3	FT	R	QBT3	7130R	7/20/00	7/26/00	1.04	VOC	106-93-4	Dibromoethane[1,2-]	0.006	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-009	7/19/00 8:30:00 AM	INV	NA	59.7	60.3	FT	R	QBT3	7130R	7/20/00	7/26/00	1.04	VOC	107-06-2	Dichloroethane[1,2-]	0.006	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-009	7/19/00 8:30:00 AM	INV	NA	59.7	60.3	FT	R	QBT3	7130R	7/20/00	7/26/00	1.04	VOC	100-41-4	Ethylbenzene	0.006	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-009	7/19/00 8:30:00 AM	INV	NA	59.7	60.3	FT	R	QBT3	7130R	7/20/00	7/26/00	1.04	VOC	108-88-3	Toluene	0.006	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-009	7/19/00 8:30:00 AM	INV	NA	59.7	60.3	FT	R	QBT3	7130R	7/20/00	7/26/00	1.04	VOC	1330-20-7	Xylene (Total)	0.006	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-009	7/19/00 8:50:00 AM	INV	NA	63	65	FT	R	QBT3	7138R	7/24/00	8/6/00	1	LEAD	PB	Lead	4.8	MG/KG				PM	I13B	PM	I14B					Kemron
21-029	Western Seep	21-11147	MD21-00-009	7/19/00 8:50:00 AM	INV	NA	63	65	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	83-32-9	Acenaphthene	0.35	MG/KG	R	SV3d	U	R	SV3D							RECRA
21-029	Western Seep	21-11147	MD21-00-009	7/19/00 8:50:00 AM	INV	NA	63	65	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	120-12-7	Anthracene	0.35	MG/KG	R	SV3d	U	R	SV3D							RECRA
21-029	Western Seep	21-11147	MD21-00-009	7/19/00 8:50:00 AM	INV	NA	63	65	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	56-55-3	Benzo(a)anthracene	0.35	MG/KG	R	SV3d	U	R	SV3D							RECRA
21-029	Western Seep	21-11147	MD21-00-009	7/19/00 8:50:00 AM	INV	NA	63	65	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	50-32-8	Benzo(a)pyrene	0.35	MG/KG	R	SV3d	U	R	SV3D							RECRA
21-029	Western Seep	21-11147	MD21-00-009	7/19/00 8:50:00 AM	INV	NA	63	65	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	205-99-2	Benzo(b)fluoranthene	0.35	MG/KG	R	SV3d	U	R	SV3D							RECRA
21-029	Western Seep	21-11147	MD21-00-009	7/19/00 8:50:00 AM	INV	NA	63	65	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	207-08-9	Benzo(k)fluoranthene	0.35	MG/KG	R	SV3d	U	R	SV3D							RECRA
21-029	Western Seep	21-11147	MD21-00-009	7/19/00 8:50:00 AM	INV	NA	63	65	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	218-01-9	Chrysene	0.35	MG/KG	R	SV3d	U	R	SV3D							RECRA
21-029	Western Seep	21-11147	MD21-00-009	7/19/00 8:50:00 AM	INV	NA	63	65	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	53-70-3	Dibenz(a,h)anthracene	0.35	MG/KG	R	SV3d	U	R	SV3D							RECRA
21-029	Western Seep	21-11147	MD21-00-009	7/19/00 8:50:00 AM	INV	NA	63	65	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	206-44-0	Fluoranthene	0.35	MG/KG	R	SV3d	U	R	SV3D							RECRA
21-029	Western Seep	21-11147	MD21-00-009	7/19/00 8:50:00 AM	INV	NA	63	65	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	86-73-7	Fluorene	0.35	MG/KG	R	SV3d	U	R	SV3D							RECRA
21-029	Western Seep	21-11147	MD21-00-009	7/19/00 8:50:00 AM	INV	NA	63	65	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	91-57-6	Methylnaphthalene[2-]	0.35	MG/KG	R	SV3d	U	R	SV3D							RECRA
21-029	Western Seep	21-11147	MD21-00-009	7/19/00 8:50:00 AM	INV	NA	63	65	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	91-20-3	Naphthalene	0.35	MG/KG	R	SV3d	U	R	SV3D							RECRA
21-029	Western Seep	21-11147	MD21-00-009	7/19/00 8:50:00 AM	INV	NA	63	65	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	85-01-8	Phenanthrene	0.35	MG/KG	R	SV3d	U	R	SV3D							RECRA
21-029	Western Seep	21-11147	MD21-00-009	7/19/00 8:50:00 AM	INV	NA	63	65	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	129-00-0	Pyrene	0.35	MG/KG	R	SV3d	U	R	SV3D							RECRA
21-029	Western Seep	21-11147	MD21-00-009	7/19/00 8:50:00 AM	INV	NA	63	65	FT	R	QBT3	7136R	7/24/00	8/2/00	1	TPH_DRO	DRO	Diesel Range Organics	13	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-009	7/19/00 8:50:00 AM	INV	NA	63	65	FT	R	QBT3	7136R	7/24/00	8/2/00	1	TPH_GRO	GRO	Gasoline Range Organics	0.13	MG/KG												RECRA
21-029	Western Seep	21-11147	MD21-00-009	7/19/00 8:50:00 AM	INV	NA	63	65	FT	R	QBT3	7136R	7/24/00	7/26/00	1.11	VOC	71-43-2	Benzene	0.006	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-009	7/19/00 8:50:00 AM	INV	NA	63	65	FT	R	QBT3	7136R	7/24/00	7/26/00	1.11	VOC	106-93-4	Dibromoethane[1,2-]	0.006	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-009	7/19/00 8:50:00 AM	INV	NA	63	65	FT	R	QBT3	7136R	7/24/00	7/26/00	1.11	VOC	107-06-2	Dichloroethane[1,2-]	0.006	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-009	7/19/00 8:50:00 AM	INV	NA	63	65	FT	R	QBT3	7136R	7/24/00	7/26/00	1.11	VOC	100-41-4	Ethylbenzene	0.006	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-009	7/19/00 8:50:00 AM	INV	NA	63	65	FT	R	QBT3	7136R	7/24/00	7/26/00	1.11	VOC	108-88-3	Toluene	0.006	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-009	7/19/00 8:50:00 AM	INV	NA	63	65	FT	R	QBT3	7136R	7/24/00	7/26/00	1.11	VOC	1330-20-7	Xylene (Total)	0.006	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-009	7/19/00 9:25:00 AM	INV	NA	69	70	FT	R	QBT3	7138R	7/24/00	8/6/00	1	LEAD	PB	Lead	6.3	MG/KG				PM	I13B	PM	I14B					Kemron
21-029	Western Seep	21-11147	MD21-00-009	7/19/00 9:25:00 AM	INV	NA	69	70	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	83-32-9	Acenaphthene	0.35	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-009	7/19/00 9:25:00 AM	INV	NA	69	70	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	120-12-7	Anthracene	0.35	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-009	7/19/00 9:25:00 AM	INV	NA	69	70	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	56-55-3	Benzo(a)anthracene	0.35	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-009	7/19/00 9:25:00 AM	INV	NA	69	70	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	50-32-8	Benzo(a)pyrene	0.35	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-009	7/19/00 9:25:00 AM	INV	NA	69	70	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	205-99-2	Benzo(b)fluoranthene	0.35	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-009	7/19/00 9:25:00 AM	INV	NA	69	70	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	207-08-9	Benzo(k)fluoranthene	0.35	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-009	7/19/00 9:25:00 AM	INV	NA	69	70	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	218-01-9	Chrysene	0.35	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-009	7/19/00 9:25:00 AM	INV	NA	69	70	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	53-70-3	Dibenz(a,h)anthracene	0.35	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-009	7/19/00 9:25:00 AM	INV	NA	69	70	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	206-44-0	Fluoranthene	0.35	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-009	7/19/00 9:25:00 AM	INV	NA	69	70	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	86-73-7	Fluorene	0.35	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-009	7/19/00 9:25:00 AM	INV	NA	69	70	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	91-57-6	Methylnaphthalene[2-]	0.35	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-009	7/19/00 9:25:00 AM	INV	NA	69	70	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	91-20-3	Naphthalene	0.35	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-009	7/19/00 9:25:00 AM	INV	NA	69	70	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	85-01-8	Phenanthrene	0.35	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-009	7/19/00 9:25:00 AM	INV	NA	69	70	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	129-00-0	Pyrene	0.35	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-009	7/19/00 9:25:00 AM	INV	NA	69	70	FT	R	QBT3	7136R	7/24/00	8/18/00	1	TPH_DRO	DRO	Diesel Range Organics	10	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-009	7/19/00 9:25:00 AM	INV	NA	69	70	FT	R	QBT3	7136R	7/24/00	8/2/00	1	TPH_GRO	GRO	Gasoline Range Organics	0.093	MG/KG												RECRA
21-029	Western Seep	21-11147	MD21-00-009	7/19/00 9:25:00 AM	INV	NA	69	70	FT	R	QBT3	7136R	7/24/00	7/26/00	1.16	VOC	71-43-2	Benzene	0.006	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-009	7/19/00 9:25:00 AM	INV	NA	69	70	FT	R	QBT3	7136R	7/24/00	7/26/00	1.16	VOC	106-93-4	Dibromoethane[1,2-]	0.006	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-009	7/19/00 9:25:00 AM	INV	NA	69	70	FT	R	QBT3	7136R	7/24/00	7/26/00	1.16	VOC	107-06-2	Dichloroethane[1,2-]	0.006	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-009	7/19/00 9:25:00 AM	INV	NA	69	70	FT	R	QBT3	7136R	7/24/00	7/26/00	1.16	VOC	100-41-4	Ethylbenzene	0.006	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-009	7/19/00 9:25:00 AM	INV	NA	69	70	FT	R	QBT3	7136R	7/24/00	7/26/00	1.16	VOC	108-88-3	Toluene	0.006	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11147	MD21-00-009	7/19/00 9:25:00 AM	INV	NA	69	70	FT	R	QBT3	7136R	7/24/00	7/26/00	1.16	VOC	1330-20-7	Xylene (Total)	0.006	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7138R	7/24/00	8/6/00	1	LEAD	PB	Lead	6.7	MG/KG				PM	I13B	PM	I14B					Kemron
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	83-32-9	Acenaphthene	0.35	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	120-12-7	Anthracene	0.35	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	56-55-3	Benzo(a)anthracene	0.35	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	50-32-8	Benzo(a)pyrene	0.35	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	205-99-2	Benzo(b)fluoranthene	0.35	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	207-08-9	Benzo(k)fluoranthene	0.35	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	218-01-9	Chrysene	0.35	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	53-70-3	Dibenz(a,h)anthracene	0.35	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	206-44-0	Fluoranthene	0.35	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	86-73-7	Fluorene	0.35	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	91-57-6	Methylnaphthalene[2-]	0.35	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	91-20-3	Naphthalene	0.35	MG/KG	U	U_LAB	U									RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	85-01-8	Phenanthrene	0.35	MG/KG	U	U_LAB	U									RECRA

UST Analytical Results for DP Tank Farm Western Seep, PRS 21-029

21-029 Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	129-00-0	Pyrene	0.35	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	8/18/00	1	TPH_DRO	DRO	Diesel Range Organics	10	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	8/2/00	1	TPH_GRO	GRO	Gasoline Range Organics	0.04	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	71-43-2	Benzene	0.006	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	106-93-4	Dibromoethane[1,2-]	0.006	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	107-06-2	Dichloroethane[1,2-]	0.006	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	100-41-4	Ethylbenzene	0.006	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	108-88-3	Toluene	0.006	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	1330-20-7	Xylene (Total)	0.006	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	8/6/00	1	LEAD	PB	Lead	4.1	MG/KG				PM	I13B	PM	I14B	Kemron
21-029 Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	83-32-9	Acenaphthene	0.35	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	120-12-7	Anthracene	0.35	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	56-55-3	Benzo(a)anthracene	0.35	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	50-32-8	Benzo(a)pyrene	0.35	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	205-99-2	Benzo(b)fluoranthene	0.35	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	207-08-9	Benzo(k)fluoranthene	0.35	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	218-01-9	Chrysene	0.35	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	53-70-3	Dibenz(a,h)anthracene	0.35	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	206-44-0	Fluoranthene	0.35	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	86-73-7	Fluorene	0.35	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	91-57-6	Methylnaphthalene[2-]	0.35	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	91-20-3	Naphthalene	0.35	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	85-01-8	Phenanthrene	0.35	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	129-00-0	Pyrene	0.35	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	8/18/00	1	TPH_DRO	DRO	Diesel Range Organics	10	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	8/2/00	1	TPH_GRO	GRO	Gasoline Range Organics	0.04	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	71-43-2	Benzene	0.006	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	106-93-4	Dibromoethane[1,2-]	0.006	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	107-06-2	Dichloroethane[1,2-]	0.006	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	100-41-4	Ethylbenzene	0.006	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	108-88-3	Toluene	0.006	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	1330-20-7	Xylene (Total)	0.006	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11157	MD21-00-011	8/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7261R	8/10/00	8/23/00	1	LEAD	PB	Lead	18	MG/KG				PM	I13B	PM	I14B	Kemron
21-029 Western Seep	21-11157	MD21-00-011	8/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7259R	8/10/00	8/30/00	2	SVOC	83-32-9	Acenaphthene	0.7	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11157	MD21-00-011	8/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7259R	8/10/00	8/30/00	2	SVOC	120-12-7	Anthracene	0.7	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11157	MD21-00-011	8/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7259R	8/10/00	8/30/00	2	SVOC	56-55-3	Benzo(a)anthracene	0.7	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11157	MD21-00-011	8/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7259R	8/10/00	8/30/00	2	SVOC	50-32-8	Benzo(a)pyrene	0.7	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11157	MD21-00-011	8/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7259R	8/10/00	8/30/00	2	SVOC	205-99-2	Benzo(b)fluoranthene	0.7	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11157	MD21-00-011	8/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7259R	8/10/00	8/30/00	2	SVOC	207-08-9	Benzo(k)fluoranthene	0.7	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11157	MD21-00-011	8/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7259R	8/10/00	8/30/00	2	SVOC	218-01-9	Chrysene	0.7	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11157	MD21-00-011	8/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7259R	8/10/00	8/30/00	2	SVOC	53-70-3	Dibenz(a,h)anthracene	0.7	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11157	MD21-00-011	8/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7259R	8/10/00	8/30/00	2	SVOC	206-44-0	Fluoranthene	0.7	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11157	MD21-00-011	8/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7259R	8/10/00	8/30/00	2	SVOC	86-73-7	Fluorene	0.7	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11157	MD21-00-011	8/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7259R	8/10/00	8/30/00	2	SVOC	91-57-6	Methylnaphthalene[2-]	0.7	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11157	MD21-00-011	8/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7259R	8/10/00	8/30/00	2	SVOC	91-20-3	Naphthalene	0.7	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11157	MD21-00-011	8/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7259R	8/10/00	8/30/00	2	SVOC	85-01-8	Phenanthrene	0.097	MG/KG	J	EQL/MDL	J					RECRA
21-029 Western Seep	21-11157	MD21-00-011	8/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7259R	8/10/00	8/30/00	2	SVOC	129-00-0	Pyrene	0.7	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11157	MD21-00-011	8/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7259R	8/10/00	9/6/00	10	TPH_DRO	DRO	Diesel Range Organics	210	MG/KG								RECRA
21-029 Western Seep	21-11157	MD21-00-011	8/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7259R	8/10/00	8/21/00	1	TPH_GRO	GRO	Gasoline Range Organics	0.04	MG/KG	UJ	GRO7	U	UJ	V7			RECRA
21-029 Western Seep	21-11157	MD21-00-011	8/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7259R	8/10/00	6/20/00	1.11	VOC	71-43-2	Benzene	0.006	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11157	MD21-00-011	8/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7259R	8/10/00	6/20/00	1.11	VOC	106-93-4	Dibromoethane[1,2-]	0.006	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11157	MD21-00-011	8/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7259R	8/10/00	6/20/00	1.11	VOC	107-06-2	Dichloroethane[1,2-]	0.006	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11157	MD21-00-011	8/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7259R	8/10/00	6/20/00	1.11	VOC	100-41-4	Ethylbenzene	0.006	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11157	MD21-00-011	8/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7259R	8/10/00	6/20/00	1.11	VOC	108-88-3	Toluene	0.006	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11157	MD21-00-011	8/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7259R	8/10/00	6/20/00	1.11	VOC	1330-20-7	Xylene (Total)	0.006	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11157	MD21-00-011	8/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7261R	8/10/00	8/23/00	1	LEAD	PB	Lead	9.8	MG/KG				PM	I13B	PM	I14B	Kemron
21-029 Western Seep	21-11157	MD21-00-011	8/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7259R	8/10/00	8/30/00	1	SVOC	83-32-9	Acenaphthene	0.35	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11157	MD21-00-011	8/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7259R	8/10/00	8/30/00	1	SVOC	120-12-7	Anthracene	0.35	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11157	MD21-00-011	8/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7259R	8/10/00	8/30/00	1	SVOC	56-55-3	Benzo(a)anthracene	0.35	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11157	MD21-00-011	8/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7259R	8/10/00	8/30/00	1	SVOC	50-32-8	Benzo(a)pyrene	0.35	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11157	MD21-00-011	8/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7259R	8/10/00	8/30/00	1	SVOC	205-99-2	Benzo(b)fluoranthene	0.35	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11157	MD21-00-011	8/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7259R	8/10/00	8/30/00	1	SVOC	207-08-9	Benzo(k)fluoranthene	0.35	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11157	MD21-00-011	8/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7259R	8/10/00	8/30/00	1	SVOC	218-01-9	Chrysene	0.35	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11157	MD21-00-011	8/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7259R	8/10/00	8/30/00	1	SVOC	53-70-3	Dibenz(a,h)anthracene	0.35	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11157	MD21-00-011	8/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7259R	8/10/00	8/30/00	1	SVOC	206-44-0	Fluoranthene	0.35	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11157	MD21-00-011	8/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7259R	8/10/00	8/30/00	1	SVOC	86-73-7	Fluorene	0.35	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11157	MD21-00-011	8/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7259R	8/10/00	8/30/00	1	SVOC	91-57-6	Methylnaphthalene[2-]	0.35	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11157	MD21-00-011	8/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7259R	8/10/00	8/30/00	1	SVOC	91-20-3	Naphthalene	0.35	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11157	MD21-00-011	8/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7259R	8/10/00	8/30/00	1	SVOC	85-01-8	Phenanthrene	0.35	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11157	MD21-00-011	8/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7259R	8/10/00	8/30/00	1	SVOC	129-00-0	Pyrene	0.35	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11157	MD21-00-011	8/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7259R	8/10/00	9/6/00	1	TPH_DRO	DRO	Diesel Range Organics	13	MG/KG	UJ	DRO7	U	UJ	SV7			RECRA
21-029 Western Seep	21-11157	MD21-00-011	8/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7259R	8/10/00	8/21/00	1	TPH_GRO	GRO	Gasoline Range Organics	0.044	MG/KG	UJ	GRO7	U	UJ	V7			RECRA
21-029 Western Seep	21-11157	MD21-00-011	8/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7259R	8/10/00	6/20/00		VOC	71-43-2	Benzene	0.006	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11157	MD21-00-011	8/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7259R	8/10/00	6/20/00		VOC	106-93-4	Dibromoethane[1,2-]	0.006	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11157	MD21-00-011	8/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7259R	8/10/00	6/20/00		VOC	107-06-2	Dichloroethane[1,2-]	0.006	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11157	MD21-00-011	8/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7259R	8/10/00	6/20/00		VOC	100-41-4	Ethylbenzene	0.006	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11157	MD21-00-011	8/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7259R	8/10/00	6/20/00		VOC	108-88-3	Toluene	0.006	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11157	MD21-00-011	8/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7259R	8/10/00	6/20/00		VOC	1330-20-7	Xylene (Total)	0.006	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11162	MD21-00-012	8/7/00 3:20:00 PM	INV	NA	6	6.5	FT	R	QBT3	7261R	8/10/00	8/23/00	1	LEAD	PB	Lead	9.3	MG/KG				PM	I13B	PM	I14B	Kemron
21-029 Western Seep	21-11162	MD21-00-012	8/7/00 3:20:00 PM	INV	NA	6	6.5	FT	R	QBT3	7259R	8/10/00	8/30/00	1	SVOC	83-32-9	Acenaphthene	0.33	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11162	MD21-00-012	8/7/00 3:20:00 PM	INV	NA	6	6.5	FT	R	QBT3	7259R	8/10/00	8/30/00	1	SVOC	120-12-7	Anthracene	0.33	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11162	MD21-00-012	8/7/00 3:20:00 PM	INV	NA	6	6.5	FT	R	QBT3	7259R	8/10/00	8/30/00	1	SVOC	56-55-3	Benzo(a)anthracene	0.33	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11162	MD21-00-012	8/7/00 3:20:00 PM	INV	NA	6	6.5	FT	R	QBT3	7259R	8/10/00	8/30/00	1	SVOC	50-32-8	Benzo(a)pyrene	0.33	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11162	MD21-00-012	8/7/00 3:20:00 PM	INV	NA	6	6.5	FT	R	QBT3	7259R	8/10/00	8/30/00	1	SVOC	205-99-2	Benzo(b)fluoranthene	0.33	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11162	MD21-00-012	8/7/00 3:20:00 PM	INV	NA	6	6.5	FT	R	QBT3	7259R	8/10/00	8/30/00	1	SVOC	207-08-9	Benzo(k)fluoranthene	0.33	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11162	MD21-00-012	8/7/00 3:20:00 PM	INV	NA	6	6.5	FT	R	QBT3	7259R	8/10/00	8/30/00	1	SVOC	218-01-9	Chrysene	0.33	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11162	MD21-00-012	8/7/00 3:20:00 PM	INV	NA	6	6.5	FT	R	QBT3	7259R	8/10/00	8/30/00	1	SVOC	53-70-3	Dibenz(a,h)anthracene	0.33	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11162	MD21-00-012	8/7/00 3:20:00 PM	INV	NA	6	6.5	FT	R	QBT3	7259R	8/10/00	8/30/00	1	SVOC	206-44-0	Fluoranthene	0.33	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11162	MD21-00-012	8/7/00 3:20:00 PM	INV	NA	6	6.5	FT	R	QBT3	7259R	8/10/00	8/30/00	1	SVOC	86-73-7	Fluorene	0.33	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11162	MD21-00-012	8/7/00 3:20:00 PM	INV	NA	6	6.5	FT	R	QBT3	7259R	8/10/00	8/30/00	1	SVOC	91-57-6	Methylnaphthalene[2-]	0.33	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11162	MD21-00-012	8/7/00 3:20:00 PM	INV	NA	6	6.5	FT	R	QBT3	7259R	8/10/00	8/30/00	1	SVOC	91-20-3	Naphthalene	0.33	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11162	MD21-00-012	8/7/00 3:20:00 PM	INV	NA	6	6.5	FT	R	QBT3	7259R	8/10/00	8/30/00	1	SVOC	85-01-8	Phenanthrene	0.019	MG/KG	J	EQL/MDL	J					RECRA
21-029 Western Seep	21-11162	MD21-00-012	8/7/00 3:20:00 PM	INV	NA	6	6.5	FT	R	QBT3	7259R	8/10/00	8/30/00	1	SVOC	129-00-0	Pyrene	0.33	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11162	MD21-00-012	8/7/00 3:20:00 PM	INV	NA	6	6.5	FT	R	QBT3	7259R	8/10/00	9/6/00	1	TPH_DRO	DRO	Diesel Range Organics	63	MG/KG	J+	DRO7		J+	SV7			RECRA
21-029 Western Seep	21-11162	MD21-00-012	8/7/00 3:20:00 PM	INV	NA	6	6.5	FT	R	QBT3	7259R	8/10/00	8/21/00	1	TPH_GRO	GRO	Gasoline Range Organics	0.04	MG/KG	UJ	GRO7	U	UJ	V7			RECRA
21-029 Western Seep	21-11162	MD21-00-012	8/7/00 3:20:00 PM	INV	NA	6	6.5	FT	R	QBT3	7259R	8/10/00	6/20/00	1.11	VOC	71-43-2	Benzene	0.006	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11162	MD21-00-012	8/7/00 3:20:00 PM	INV	NA	6	6.5	FT	R	QBT3	7259R	8/10/00	6/20/00	1.11	VOC	106-93-4	Dibromoethane[1,2-]	0.006	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11162	MD21-00-012	8/7/00 3:20:00 PM	INV	NA	6	6.5	FT	R	QBT3	7259R	8/10/00	6/20/00	1.11	VOC	107-06-2	Dichloroethane[1,2-]	0.006	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11162	MD21-00-012	8/7/00 3:20:00 PM	INV	NA	6	6.5	FT	R	QBT3	7259R	8/10/00	6/20/00	1.11	VOC	100-41-4	Ethylbenzene	0.006	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11162	MD21-00-012	8/7/00 3:20:00 PM	INV	NA	6	6.5	FT	R	QBT3	7259R	8/10/00	6/20/00	1.11	VOC	108-88-3	Toluene	0.006	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11162	MD21-00-012	8/7/00 3:20:00 PM	INV	NA	6	6.5	FT	R	QBT3	7259R	8/10/00	6/20/00	1.11	VOC	1330-20-7	Xylene (Total)	0.006	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11162	MD21-00-012	8/8/00 11:40:00 AM	INV	NA	16	16.5	FT	R	QBT3	7261R	8/10/00	8/23/00	1	LEAD	PB	Lead	5.2	MG/KG				PM	I13B	PM	I14B	Kemron
21-029 Western Seep	21-11162	MD21-00-012	8/8/00 11:40:00 AM	INV	NA	16	16.5	FT	R	QBT3	7259R	8/10/00	8/31/00	1	SVOC	83-32-9	Acenaphthene	0.35	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11162	MD21-00-012	8/8/00 11:40:00 AM	INV	NA	16	16.5	FT	R	QBT3	7259R	8/10/00	8/31/00	1	SVOC	120-12-7	Anthracene	0.35	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11162	MD21-00-012	8/8/00 11:40:00 AM	INV	NA	16	16.5	FT	R	QBT3	7259R	8/10/00	8/31/00	1	SVOC	56-55-3	Benzo(a)anthracene	0.35	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11162	MD21-00-012	8/8/00 11:40:00 AM	INV	NA	16	16.5	FT	R	QBT3	7259R	8/10/00	8/31/00	1	SVOC	50-32-8	Benzo(a)pyrene	0.35	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11162	MD21-00-012	8/8/00 11:40:00 AM	INV	NA	16	16.5	FT	R	QBT3	7259R	8/10/00	8/31/00	1	SVOC	205-99-2	Benzo(b)fluoranthene	0.35	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11162	MD21-00-012	8/8/00 11:40:00 AM	INV	NA	16	16.5	FT	R	QBT3	7259R	8/10/00	8/31/00	1	SVOC	207-08-9	Benzo(k)fluoranthene	0.35	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11162	MD21-00-012	8/8/00 11:40:00 AM	INV	NA	16	16.5	FT	R	QBT3	7259R	8/10/00	8/31/00	1	SVOC	218-01-9	Chrysene	0.35	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11162	MD21-00-012	8/8/00 11:40:00 AM	INV	NA	16	16.5	FT	R	QBT3	7259R	8/10/00	8/31/00	1	SVOC	53-70-3	Dibenz(a,h)anthracene	0.35	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11162	MD21-00-012	8/8/00 11:40:00 AM	INV	NA	16	16.5	FT	R	QBT3	7259R	8/10/00	8/31/00	1	SVOC	206-44-0	Fluoranthene	0.35	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11162	MD21-00-012	8/8/00 11:40:00 AM	INV	NA	16	16.5	FT	R	QBT3	7259R	8/10/00	8/31/00	1	SVOC	86-73-7	Fluorene	0.35	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11162	MD21-00-012	8/8/00 11:40:00 AM	INV	NA	16	16.5	FT	R	QBT3	7259R	8/10/00	8/31/00	1	SVOC	91-57-6	Methylnaphthalene[2-]	0.35	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11162	MD21-00-012	8/8/00 11:40:00 AM	INV	NA	16	16.5	FT	R	QBT3	7259R	8/10/00	8/31/00	1	SVOC	91-20-3	Naphthalene	0.35	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11162	MD21-00-012	8/8/00 11:40:00 AM	INV	NA	16	16.5	FT	R	QBT3	7259R	8/10/00	8/31/00	1	SVOC	85-01-8	Phenanthrene	0.35	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11162	MD21-00-012	8/8/00 11:40:00 AM	INV	NA	16	16.5	FT	R	QBT3	7259R	8/10/00	8/31/00	1	SVOC	129-00-0	Pyrene	0.35	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11162	MD21-00-012	8/8/00 11:40:00 AM	INV	NA	16	16.5	FT	R	QBT3	7259R	8/10/00	9/6/00	1	TPH_DRO	DRO	Diesel Range Organics	12	MG/KG	UJ	DRO7	U	UJ	SV7			RECRA
21-029 Western Seep	21-11162	MD21-00-012	8/8/00 11:40:00 AM	INV	NA	16	16.5	FT	R	QBT3	7259R	8/10/00	8/21/00	1	TPH_GRO	GRO	Gasoline Range Organics	0.04	MG/KG	UJ	GRO7	U	UJ	V7			RECRA
21-029 Western Seep	21-11162	MD21-00-012	8/8/00 11:40:00 AM	INV	NA	16	16.5	FT	R	QBT3	7259R	8/10/00	6/20/00	1.16	VOC	71-43-2	Benzene	0.006	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11162	MD21-00-012	8/8/00 11:40:00 AM	INV	NA	16	16.5	FT	R	QBT3	7259R	8/10/00	6/20/00	1.16	VOC	106-93-4	Dibromoethane[1,2-]	0.006	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11162	MD21-00-012	8/8/00 11:40:00 AM	INV	NA	16	16.5	FT	R	QBT3	7259R	8/10/00	6/20/00	1.16	VOC	107-06-2	Dichloroethane[1,2-]	0.006	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11162	MD21-00-012	8/8/00 11:40:00 AM	INV	NA	16	16.5	FT	R	QBT3	7259R	8/10/00	6/20/00	1.16	VOC	100-41-4	Ethylbenzene	0.006	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11162	MD21-00-012	8/8/00 11:40:00 AM	INV	NA	16	16.5	FT	R	QBT3	7259R	8/10/00	6/20/00	1.16	VOC	108-88-3	Toluene	0.006	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11162	MD21-00-012	8/8/00 11:40:00 AM	INV	NA	16	16.5	FT	R	QBT3	7259R	8/10/00	6/20/00	1.16	VOC	1330-20-7	Xylene (Total)	0.006	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11173	MD21-00-014	8/28/00 8:35:00 AM	INV	NA	0	0.5	FT	SED	SED	7333R	8/30/00	9/12/00	1	LEAD	PB	Lead	32	MG/KG								Kemron
21-029 Western Seep	21-11173	MD21-00-014	8/28/00 8:35:00 AM	INV	NA	0	0.5	FT	SED	SED	7331R	8/30/00	9/15/00	1	SVOC	83-32-9	Acenaphthene	1.7	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11173	MD21-00-014	8/28/00 8:35:00 AM	INV	NA	0	0.5	FT	SED	SED	7331R	8/30/00	9/15/00	1	SVOC	120-12-7	Anthracene	1.7	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11173	MD21-00-014	8/28/00 8:35:00 AM	INV	NA	0	0.5	FT	SED	SED	7331R	8/30/00	9/15/00	1	SVOC	56-55-3	Benzo(a)anthracene	1.7	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11173	MD21-00-014	8/28/00 8:35:00 AM	INV	NA	0	0.5	FT	SED	SED	7331R	8/30/00	9/15/00	1	SVOC	50-32-8	Benzo(a)pyrene	1.7	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11173	MD21-00-014	8/28/00 8:35:00 AM	INV	NA	0	0.5	FT	SED	SED	7331R	8/30/00	9/15/00	1	SVOC	205-99-2	Benzo(b)fluoranthene	1.7	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11173	MD21-00-014	8/28/00 8:35:00 AM	INV	NA	0	0.5	FT	SED	SED	7331R	8/30/00	9/15/00	1	SVOC	207-08-9	Benzo(k)fluoranthene	1.7	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11173	MD21-00-014	8/28/00 8:35:00 AM	INV	NA	0	0.5	FT	SED	SED	7331R	8/30/00	9/15/00	1	SVOC	218-01-9	Chrysene	1.7	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11173	MD21-00-014	8/28/00 8:35:00 AM	INV	NA	0	0.5	FT	SED	SED	7331R	8/30/00	9/15/00	1	SVOC	53-70-3	Dibenz(a,h)anthracene	1.7	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11173	MD21-00-014	8/28/00 8:35:00 AM	INV	NA	0	0.5	FT	SED	SED	7331R	8/30/00	9/15/00	1	SVOC	206-44-0	Fluoranthene	1.7	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11173	MD21-00-014	8/28/00 8:35:00 AM	INV	NA	0	0.5	FT	SED	SED	7331R	8/30/00	9/15/00	1	SVOC	86-73-7	Fluorene	1.7	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11173	MD21-00-014	8/28/00 8:35:00 AM	INV	NA	0	0.5	FT	SED	SED	7331R	8/30/00	9/15/00	1	SVOC	91-57-6	Methylnaphthalene[2-]	1.7	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11173	MD21-00-014	8/28/00 8:35:00 AM	INV	NA	0	0.5	FT	SED	SED	7331R	8/30/00	9/15/00	1	SVOC	91-20-3	Naphthalene	1.7	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11173	MD21-00-014	8/28/00 8:35:00 AM	INV	NA	0	0.5	FT	SED	SED	7331R	8/30/00	9/15/00	1	SVOC	85-01-8	Phenanthrene	1.7	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11173	MD21-00-014	8/28/00 8:35:00 AM	INV	NA	0	0.5	FT	SED	SED	7331R	8/30/00	9/15/00	1	SVOC	129-00-0	Pyrene	1.7	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11173	MD21-00-014	8/28/00 8:35:00 AM	INV	NA	0	0.5	FT	SED	SED	7331R	8/30/00	10/16/00	1	TPH_DRO	DRO	Diesel Range Organics	86	MG/KG	J+	DRO12d		J+	SV12D			RECRA
21-029 Western Seep	21-11173	MD21-00-014	8/28/00 8:35:00 AM	INV	NA	0	0.5	FT	SED	SED	7331R	8/30/00	9/9/00	1	TPH_GRO	GRO	Gasoline Range Organics	0.04	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11173	MD21-00-014	8/28/00 8:35:00 AM	INV	NA	0	0.5	FT	SED	SED	7331R	8/30/00	8/31/00	1.22	VOC	71-43-2	Benzene	0.006	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11173	MD21-00-014	8/28/00 8:35:00 AM	INV	NA	0	0.5	FT	SED	SED	7331R	8/30/00	8/31/00	1.22	VOC	106-93-4	Dibromoethane[1,2-]	0.006	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11173	MD21-00-014	8/28/00 8:35:00 AM	INV	NA	0	0.5	FT	SED	SED	7331R	8/30/00	8/31/00	1.22	VOC	107-06-2	Dichloroethane[1,2-]	0.006	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11173	MD21-00-014	8/28/00 8:35:00 AM	INV	NA	0	0.5	FT	SED	SED	7331R	8/30/00	8/31/00	1.22	VOC	100-41-4	Ethylbenzene	0.006	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11173	MD21-00-014	8/28/00 8:35:00 AM	INV	NA	0	0.5	FT	SED	SED	7331R	8/30/00	8/31/00	1.22	VOC	108-88-3	Toluene	0.006	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11173	MD21-00-014	8/28/00 8:35:00 AM	INV	NA	0	0.5	FT	SED	SED	7331R	8/30/00	8/31/00	1.22	VOC	1330-20-7	Xylene (Total)	0.006	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11173	MD21-00-014	8/28/00 8:37:00 AM	INV	NA	0.5	1.5	FT	R	QBT3	7333R	8/30/00	9/12/00	1	LEAD	PB	Lead	26	MG/KG								Kemron
21-029 Western Seep	21-11173	MD21-00-014	8/28/00 8:37:00 AM	INV	NA	0.5	1.5	FT	R	QBT3	7331R	8/30/00	9/15/00	5	SVOC	83-32-9	Acenaphthene	1.7	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11173	MD21-00-014	8/28/00 8:37:00 AM	INV	NA	0.5	1.5	FT	R	QBT3	7331R	8/30/00	9/15/00	5	SVOC	120-12-7	Anthracene	1.7	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11173	MD21-00-014	8/28/00 8:37:00 AM	INV	NA	0.5	1.5	FT	R	QBT3	7331R	8/30/00	9/15/00	5	SVOC	56-55-3	Benzo(a)anthracene	1.7	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11173	MD21-00-014	8/28/00 8:37:00 AM	INV	NA	0.5	1.5	FT	R	QBT3	7331R	8/30/00	9/15/00	5	SVOC	50-32-8	Benzo(a)pyrene	1.7	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11173	MD21-00-014	8/28/00 8:37:00 AM	INV	NA	0.5	1.5	FT	R	QBT3	7331R	8/30/00	9/15/00	5	SVOC	205-99-2	Benzo(b)fluoranthene	1.7	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11173	MD21-00-014	8/28/00 8:37:00 AM	INV	NA	0.5	1.5	FT	R	QBT3	7331R	8/30/00	9/15/00	5	SVOC	207-08-9	Benzo(k)fluoranthene	1.7	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11173	MD21-00-014	8/28/00 8:37:00 AM	INV	NA	0.5	1.5	FT	R	QBT3	7331R	8/30/00	9/15/00	5	SVOC	218-01-9	Chrysene	1.7	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11173	MD21-00-014	8/28/00 8:37:00 AM	INV	NA	0.5	1.5	FT	R	QBT3	7331R	8/30/00	9/15/00	5	SVOC	53-70-3	Dibenz(a,h)anthracene	1.7	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11173	MD21-00-014	8/28/00 8:37:00 AM	INV	NA	0.5	1.5	FT	R	QBT3	7331R	8/30/00	9/15/00	5	SVOC	206-44-0	Fluoranthene	1.7	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11173	MD21-00-014	8/28/00 8:37:00 AM	INV	NA	0.5	1.5	FT	R	QBT3	7331R	8/30/00	9/15/00	5	SVOC	86-73-7	Fluorene	1.7	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11173	MD21-00-014	8/28/00 8:37:00 AM	INV	NA	0.5	1.5	FT	R	QBT3	7331R	8/30/00	9/15/00	5	SVOC	91-57-6	Methylnaphthalene[2-]	1.7	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11173	MD21-00-014	8/28/00 8:37:00 AM	INV	NA	0.5	1.5	FT	R	QBT3	7331R	8/30/00	9/15/00	5	SVOC	91-20-3	Naphthalene	1.7	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11173	MD21-00-014	8/28/00 8:37:00 AM	INV	NA	0.5	1.5	FT	R	QBT3	7331R	8/30/00	9/15/00	5	SVOC	85-01-8	Phenanthrene	1.7	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11173	MD21-00-014	8/28/00 8:37:00 AM	INV	NA	0.5	1.5	FT	R	QBT3	7331R	8/30/00	9/15/00	5	SVOC	129-00-0	Pyrene	1.7	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11173	MD21-00-014	8/28/00 8:37:00 AM	INV	NA	0.5	1.5	FT	R	QBT3	7331R	8/30/00	10/10/00	10	TPH_DRO	DRO	Diesel Range Organics	180	MG/KG	J+	DRO12d		J+	SV12D			RECRA
21-029 Western Seep	21-11173	MD21-00-014	8/28/00 8:37:00 AM	INV	NA	0.5	1.5	FT	R	QBT3	7331R	8/30/00	9/9/00	1	TPH_GRO	GRO	Gasoline Range Organics	0.04	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11173	MD21-00-014	8/28/00 8:37:00 AM	INV	NA	0.5	1.5	FT	R	QBT3	7331R	8/30/00	9/7/00	1.11	VOC	71-43-2	Benzene	0.006	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11173	MD21-00-014	8/28/00 8:37:00 AM	INV	NA	0.5	1.5	FT	R	QBT3	7331R	8/30/00	9/7/00	1.11	VOC	106-93-4	Dibromoethane[1,2-]	0.006	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11173	MD21-00-014	8/28/00 8:37:00 AM	INV	NA	0.5	1.5	FT	R	QBT3	7331R	8/30/00	9/7/00	1.11	VOC	107-06-2	Dichloroethane[1,2-]	0.006	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11173	MD21-00-014	8/28/00 8:37:00 AM	INV	NA	0.5	1.5	FT	R	QBT3	7331R	8/30/00	9/7/00	1.11	VOC	100-41-4	Ethylbenzene	0.006	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11173	MD21-00-014	8/28/00 8:37:00 AM	INV	NA	0.5	1.5	FT	R	QBT3	7331R	8/30/00	9/7/00	1.11	VOC	108-88-3	Toluene	0.006	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11173	MD21-00-014	8/28/00 8:37:00 AM	INV	NA	0.5	1.5	FT	R	QBT3	7331R	8/30/00	9/7/00	1.11	VOC	1330-20-7	Xylene (Total)	0.006	MG/KG	U	U_LAB	U					RECRA
21-029 Western Seep	21-11233	MD21-01-008	5/14/01 8:50:00 AM	INV	NA	0	0.07	FT	SED	SED	8828R	5/16/01	6/14/01	1	LEAD	PB	Lead	54.7	MG/KG				PM	I14B	PM	I13B	Severn Trent
21-029 Western Seep	21-11233	MD21-01-008	5/14/01 8:50:00 AM	INV	NA	0	0.07	FT	SED	SED	8820R	5/15/01	7/1/01	1	SVOC	83-32-9	Acenaphthene	0.44	MG/KG	UJ	SV3c	U	UJ	SV3C			Severn Trent
21-029 Western Seep	21-11233	MD21-01-008	5/14/01 8:50:00 AM	INV	NA	0	0.07	FT	SED	SED	8820R	5/15/01	7/1/01	1	SVOC	120-12-7	Anthracene	0.44	MG/KG	UJ	SV3c	U	UJ	SV3C			Severn Trent
21-029 Western Seep	21-11233	MD21-01-008	5/14/01 8:50:00 AM	INV	NA	0	0.07	FT	SED	SED	8820R	5/15/01	7/1/01	1	SVOC	56-55-3	Benzo(a)anthracene	0.44	MG/KG	UJ	SV3c	U	UJ	SV3C			Severn Trent
21-029 Western Seep	21-11233	MD21-01-008	5/14/01 8:50:00 AM	INV	NA	0	0.07	FT	SED	SED	8820R	5/15/01	7/1/01	1	SVOC	50-32-8	Benzo(a)pyrene	0.44	MG/KG	UJ	SV3c	U	UJ	SV3C			Severn Trent
21-029 Western Seep	21-11233	MD21-01-008	5/14/01 8:50:00 AM	INV	NA	0	0.07	FT	SED	SED	8820R	5/15/01	7/1/01	1	SVOC	205-99-2	Benzo(b)fluoranthene	0.44	MG/KG	UJ	SV3c	U	UJ	SV3C			Severn Trent
21-029 Western Seep	21-11233	MD21-01-008	5/14/01 8:50:00 AM	INV	NA	0	0.07	FT	SED	SED	8820R	5/15/01	7/1/01	1	SVOC	207-08-9	Benzo(k)fluoranthene	0.44	MG/KG	UJ	SV3c	U	UJ	SV3C			Severn Trent
21-029 Western Seep	21-11233	MD21-01-008	5/14/01 8:50:00 AM	INV	NA	0	0.07	FT	SED	SED	8820R	5/15/01	7/1/01	1	SVOC	218-01-9	Chrysene	0.44	MG/KG	UJ	SV3c	U	UJ	SV3C			Severn Trent
21-029 Western Seep	21-11233	MD21-01-008	5/14/01 8:50:00 AM	INV	NA	0	0.07	FT	SED	SED	8820R	5/15/01	7/1/01	1	SVOC	53-70-3	Dibenz(a,h)anthracene	0.44	MG/KG	UJ	SV3c	U	UJ	SV3C			Severn Trent
21-029 Western Seep	21-11233	MD21-01-008	5/14/01 8:50:00 AM	INV	NA	0	0.07	FT	SED	SED	8820R	5/15/01	7/1/01	1	SVOC	206-44-0	Fluoranthene	0.44	MG/KG	UJ	SV3c	U	UJ	SV3C			Severn Trent
21-029 Western Seep	21-11233	MD21-01-008	5/14/01 8:50:00 AM	INV	NA	0	0.07	FT	SED	SED	8820R	5/15/01	7/1/01	1	SVOC	86-73-7	Fluorene	0.44	MG/KG	UJ	SV3c	U	UJ	SV3C			Severn Trent
21-029 Western Seep	21-11233	MD21-01-008	5/14/01 8:50:00 AM	INV	NA	0	0.07	FT	SED	SED	8820R	5/15/01	7/1/01	1	SVOC	91-57-6	Methylnaphthalene[2-]	0.44	MG/KG	UJ	SV3c	U	UJ	SV3C			Severn Trent
21-029 Western Seep	21-11233	MD21-01-008	5/14/01 8:50:00 AM	INV	NA	0	0.07	FT	SED	SED	8820R	5/15/01	7/1/01	1	SVOC	91-20-3	Naphthalene	0.44	MG/KG	UJ	SV3c	U	UJ	SV3C			Severn Trent
21-029 Western Seep	21-11233	MD21-01-008	5/14/01 8:50:00 AM	INV	NA	0	0.07	FT	SED	SED	8820R	5/15/01	7/1/01	1	SVOC	85-01-8	Phenanthrene	0.44	MG/KG	UJ	SV3c	U	UJ	SV3C			Severn Trent
21-029 Western Seep	21-11233	MD21-01-008	5/14/01 8:50:00 AM	INV	NA	0	0.07	FT	SED	SED	8820R	5/15/01	7/1/01	1	SVOC	129-00-0	Pyrene	2.1	MG/KG	UJ	SV3c	U	UJ	SV3C			Severn Trent
21-029 Western Seep	21-11233	MD21-01-008	5/14/01 8:50:00 AM	INV	NA	0	0.07	FT	SED	SED	8820R	5/15/01	6/7/01	1	TPH_DRO	DRO	Diesel Range Organics	250	MG/KG								Severn Trent
21-029 Western Seep	21-11233	MD21-01-008	5/14/01 8:50:00 AM	INV	NA	0	0.07	FT	SED	SED	8820R	5/15/01	5/25/01	1	TPH_GRO	GRO	Gasoline Range Organics	0.13	MG/KG	U	U_LAB	U					Severn Trent
21-029 Western Seep	21-11233	MD21-01-008	5/14/01 8:50:00 AM	INV	NA	0	0.07	FT	SED	SED	8820R	5/15/01	5/22/01	0.94	VOC	71-43-2	Benzene	0.0062	MG/KG	U	U_LAB	U					Severn Trent
21-029 Western Seep	21-11233	MD21-01-008	5/14/01 8:50:00 AM	INV	NA	0	0.07	FT	SED	SED	8820R	5/15/01	5/22/01	0.94	VOC	100-41-4	Ethylbenzene	0.0062	MG/KG	UJ	V1a	U	UJ	V1A			Severn Trent
21-029 Western Seep	21-11233	MD21-01-008	5/14/01 8:50:00 AM	INV	NA	0	0.07	FT	SED	SED	8820R	5/15/01	5/22/01	0.94	VOC	108-88-3	Toluene	0.0026	MG/KG	J+	V3	J	J+	V3			Severn Trent
21-029 Western Seep	21-11233	MD21-01-008	5/14/01 8:50:00 AM	INV	NA	0	0.07	FT	SED	SED	8820R	5/15/01	5/22/01	0.94	VOC	1330-20-7	Xylene (Total)	0.0062	MG/KG	UJ	V1a	U	UJ	V1A			Severn Trent
21-029 Western Seep	21-11233	MD21-01-008	5/14/01 8:50:00 AM	INV	NA	0	0.07	FT	SED	SED	8820R	5/15/01	5/22/01	0.94	VOC	95-47-6	Xylene[1,2-]	0.0031	MG/KG	UJ	V1a	U	UJ	V1A			Severn Trent
21-029 Western Seep	21-11234	MD21-01-008	5/14/01 9:15:00 AM	INV	NA	0	0.07	FT	SED	SED	8828R	5/16/01	6/14/01	1	LEAD	PB	Lead	4.2	MG/KG				PM	I14B	PM	I13B	Severn Trent
21-029 Western Seep	21-11234	MD21-01-008	5/14/01 9:15:00 AM	INV	NA	0	0.07	FT	SED	SED	8820R	5/15/01	7/1/01	1	SVOC	83-32-9	Acenaphthene	0.4	MG/KG	U	U_LAB	U					Severn Trent
21-029 Western Seep	21-11234	MD21-01-008	5/14/01 9:15:00 AM	INV	NA	0	0.07	FT	SED	SED	8820R	5/15/01	7/1/01	1	SVOC	120-12-7	Anthracene	0.4	MG/KG	U	U_LAB	U					Severn Trent
21-029 Western Seep	21-11234	MD21-01-008	5/14/01 9:15:00 AM	INV	NA	0	0.07	FT	SED	SED	8820R	5/15/01	7/1/01	1	SVOC	56-55-3	Benzo(a)anthracene	0.4	MG/KG	U	U_LAB	U					Severn Trent
21-029 Western Seep	21-11234	MD21-01-008	5/14/01 9:15:00 AM	INV	NA	0	0.07	FT	SED	SED	8820R	5/15/01	7/1/01	1	SVOC	50-32-8	Benzo(a)pyrene	0.4	MG/KG	U	U_LAB	U					Severn Trent
21-029 Western Seep	21-11234	MD21-01-008	5/14/01 9:15:00 AM	INV	NA	0	0.07	FT	SED	SED	8820R	5/15/01	7/1/01	1	SVOC	205-99-2	Benzo(b)fluoranthene	0.4	MG/KG	U	U_LAB	U					Severn Trent
21-029 Western Seep	21-11234	MD21-01-008	5/14/01 9:15:00 AM	INV	NA	0	0.07	FT	SED	SED	8820R	5/15/01	7/1/01	1	SVOC	207-08-9	Benzo(k)fluoranthene	0.4	MG/KG	U	U_LAB	U					Severn Trent
21-029 Western Seep	21-11234	MD21-01-008	5/14/01 9:15:00 AM	INV	NA	0	0.07	FT	SED	SED	8820R	5/15/01	7/1/01	1	SVOC	218-01-9	Chrysene	0.4	MG/KG	U	U_LAB	U					Severn Trent
21-029 Western Seep	21-11234	MD21-01-008	5/14/01 9:15:00 AM	INV	NA	0	0.07	FT	SED	SED	8820R	5/15/01	7/1/01	1	SVOC	53-70-3	Dibenz(a,h)anthracene	0.4	MG/KG	U	U_LAB	U					Severn Trent
21-029 Western Seep	21-11234	MD21-01-008	5/14/01 9:15:00 AM	INV	NA	0	0.07	FT	SED	SED	8820R	5/15/01	7/1/01	1	SVOC	206-44-0	Fluoranthene	0.4	MG/KG	U	U_LAB	U					Severn Trent
21-029 Western Seep	21-11234	MD21-01-008	5/14/01 9:15:00 AM	INV	NA	0	0.07	FT	SED	SED	8820R	5/15/01	7/1/01	1	SVOC	86-73-7	Fluorene	0.4	MG/KG	U	U_LAB	U					Severn Trent
21-029 Western Seep	21-11234	MD21-01-008	5/14/01 9:15:00 AM	INV	NA	0	0.07	FT	SED	SED	8820R	5/15/01	7/1/01	1	SVOC	91-57-6	Methylnaphthalene[2-]	0.4	MG/KG	U	U_LAB	U					Severn Trent
21-029 Western Seep	21-11234	MD21-01-008	5/14/01 9:15:00 AM	INV	NA	0	0.07	FT	SED	SED	8820R	5/15/01	7/1/01	1	SVOC	91-20-3	Naphthalene	0.4	MG/KG	U	U_LAB	U					Severn Trent
21-029 Western Seep	21-11234	MD21-01-008	5/14/01 9:15:00 AM	INV	NA	0	0.07	FT	SED	SED	8820R	5/15/01	7/1/01	1	SVOC	85-01-8	Phenanthrene	0.4	MG/KG	U	U_LAB	U					Severn Trent
21-029 Western Seep	21-11234	MD21-01-008	5/14/01 9:15:00 AM	INV	NA	0	0.07	FT	SED	SED	8820R	5/15/01	7/1/01	1	SVOC	129-00-0	Pyrene	1.9	MG/KG	U	U_LAB	U					Severn Trent
21-029 Western Seep	21-11234	MD21-01-008	5/14/01 9:15:00 AM	INV	NA	0	0.07	FT	SED	SED	8820R	5/15/01	6/7/01	1	TPH_DRO	DRO	Diesel Range Organics	4	MG/KG	U	U_LAB	U					Severn Trent
21-029 Western Seep	21-11234	MD21-01-008	5/14/01 9:15:00 AM	INV	NA	0	0.07	FT	SED	SED	8820R	5/15/01	5/25/01	1	TPH_GRO	GRO	Gasoline Range Organics	0.12	MG/KG	U	U_LAB	U					Severn Trent
21-029 Western Seep	21-11234	MD21-01-008	5/14/01 9:15:00 AM	INV	NA	0	0.07	FT	SED	SED	8820R	5/15/01	5/22/01	0.86	VOC	71-43-2	Benzene	0.0052	MG/KG	U	U_LAB	U					Severn Trent
21-029 Western Seep	21-11234	MD21-01-008	5/14/01 9:15:00 AM	INV	NA	0	0.07	FT	SED	SED	8820R	5/15/01	5/22/01	0.86	VOC	100-41-4	Ethylbenzene	0.0052	MG/KG	U	U_LAB	U					Severn Trent
21-029 Western Seep	21-11234	MD21-01-008	5/14/01 9:15:00 AM	INV	NA	0	0.07	FT	SED	SED	8820R	5/15/01	5/22/01	0.86	VOC	108-88-3	Toluene	0.0052	MG/KG	U	U_LAB	U					Severn Trent
21-029 Western Seep	21-11234	MD21-01-008	5/14/01 9:15:00 AM	INV	NA	0	0.07	FT	SED	SED	8820R	5/15/01	5/22/01	0.86	VOC	1330-20-7	Xylene (Total)	0.0052	MG/KG	U	U_LAB	U					Severn Trent
21-029 Western Seep	21-11234	MD21-01-008	5/14/01 9:15:00 AM	INV	NA	0	0.07	FT	SED	SED	8820R	5/15/01	5/22/01	0.86	VOC	95-47-6	Xylene[1,2-]	0.0026	MG/KG	U	U_LAB	U					Severn Trent
21-029 Western Seep	21-11235	MD21-01-008	5/14/01 9:30:00 AM	INV	NA	0	0.07	FT	SED	SED	8828R	5/16/01	6/14/01	1	LEAD	PB	Lead	22.4	MG/KG				PM	I14B	PM	I13B	Severn Trent
21-029 Western Seep	21-11235	MD21-01-008	5/14/01 9:30:00 AM	INV	NA	0	0.07	FT	SED	SED	8820R	5/15/01	7/2/01	1	SVOC	83-32-9	Acenaphthene	0.41	MG/KG	UJ	SV3c	U	UJ	SV3C			Severn Trent
21-029 Western Seep	21-11235	MD21-01-008	5/14/01 9:30:00 AM	INV	NA	0	0.07	FT	SED	SED	8820R	5/15/01	7/2/01	1	SVOC	120-12-7	Anthracene	0.41	MG/KG	UJ	SV3c	U	UJ	SV3C			Severn Trent
21-029 Western Seep	21-11235	MD21-01-008	5/14/01 9:30:00 AM	INV	NA	0	0.07	FT	SED	SED	8820R	5/15/01	7/2/01	1	SVOC	56-55-3	Benzo(a)anthracene	0.41	MG/KG	UJ	SV3c	U	UJ	SV3C			Severn Trent
21-029 Western Seep	21-11235	MD21-01-008	5/14/01 9:30:00 AM	INV	NA	0	0.07	FT	SED	SED	8820R	5/15/01	7/2/01	1	SVOC	50-32-8	Benzo(a)pyrene	0.41	MG/KG	UJ	SV3c	U	UJ	SV3C			Severn Trent
21-029 Western Seep	21-11235	MD21-01-008	5/14/01 9:30:00 AM	INV	NA	0	0.07	FT	SED	SED	8820R	5/15/01	7/2/01	1	SVOC	205-99-2	Benzo(b)fluoranthene	0.41	MG/KG	UJ	SV3c	U	UJ	SV3C			Severn Trent
21-029 Western Seep	21-11235	MD21-01-008	5/14/01 9:30:00 AM	INV	NA	0	0.07	FT	SED	SED	8820R	5/15/01	7/2/01	1	SVOC	207-08-9	Benzo(k)fluoranthene	0.41	MG/KG	UJ	SV3c	U	UJ	SV3C			Severn Trent
21-029 Western Seep	21-11235	MD21-01-008	5/14/01 9:30:00 AM	INV	NA	0	0.07	FT	SED	SED	8820R	5/15/01	7/2/01	1	SVOC	218-01-9	Chrysene	0.41	MG/KG	UJ	SV3c	U	UJ	SV3C			Severn Trent
21-029 Western Seep	21-11235	MD21-01-008	5/14/01 9:30:00 AM	INV	NA	0	0.07	FT	SED	SED	8820R	5/15/01	7/2/01	1	SVOC	53-70-3	Dibenz(a,h)anthracene	0.41	MG/KG	UJ	SV3c	U	UJ	SV3C			Severn Trent
21-029 Western Seep	21-11235	MD21-01-008	5/14/01 9:30:00 AM	INV	NA	0	0.07	FT	SED	SED	8820R	5/15/01	7/2/01	1	SVOC	206-44-0	Fluoranthene	0.41	MG/KG	UJ	SV3c	U	UJ	SV3C			Severn Trent
21-029 Western Seep	21-11235	MD21-01-008	5/14/01 9:30:00 AM	INV	NA	0	0.07	FT	SED	SED	8820R	5/15/01	7/2/01	1	SVOC	86-73-7	Fluorene	0.41	MG/KG	UJ	SV3c	U	UJ	SV3C			Severn Trent
21-029 Western Seep	21-11235	MD21-01-008	5/14/01 9:30:00 AM	INV	NA	0	0.07	FT	SED	SED	8820R	5/15/01	7/2/01	1	SVOC	91-57-6	Methylnaphthalene[2-]	0.41	MG/KG	UJ	SV3c	U	UJ	SV3C			Severn Trent
21-029 Western Seep	21-11235	MD21-01-008	5/14/01 9:30:00 AM	INV	NA	0	0.07	FT	SED	SED	8820R	5/15/01	7/2/01	1	SVOC	91-20-3	Naphthalene	0.41	MG/KG	UJ	SV3c	U	UJ	SV3C			Severn Trent
21-029 Western Seep	21-11235	MD21-01-008	5/14/01 9:30:00 AM	INV	NA	0	0.07	FT	SED	SED	8820R	5/15/01	7/2/01	1	SVOC	85-01-8	Phenanthrene	0.41	MG/KG	UJ	SV3c	U	UJ	SV3C			Severn Trent
21-029 Western Seep	21-11235	MD21-01-008	5/14/01 9:30:00 AM	INV	NA	0	0.07	FT	SED	SED	8820R	5/15/01	7/2/01	1	SVOC	129-00-0	Pyrene	2	MG/KG	UJ	SV3c	U	UJ	SV3C			Severn Trent
21-029 Western Seep	21-11235	MD21-01-008	5/14/01 9:30:00 AM	INV	NA	0	0.07	FT	SED	SED	8820R	5/15/01	6/7/01	1	TPH_DRO	DRO	Diesel Range Organics	41	MG/KG	U	U_LAB	U					Severn Trent
21-029 Western Seep	21-11235	MD21-01-008	5/14/01 9:30:00 AM	INV	NA	0	0.07	FT	SED	SED	8820R	5/15/01	5/25/01	1	TPH_GRO	GRO	Gasoline Range Organics	0.13	MG/KG	U	U_LAB	U					Severn Trent
21-029 Western Seep	21-11235	MD21-01-008	5/14/01 9:30:00 AM	INV	NA	0	0.07	FT	SED	SED	8820R	5/15/01	5/22/01	0.91	VOC	71-43-2	Benzene	0.0057	MG/KG	U	U_LAB	U					Severn Trent
21-029 Western Seep	21-11235	MD21-01-008	5/14/01 9:30:00 AM	INV	NA	0	0.07	FT	SED	SED	8820R	5/15/01	5/22/01	0.91	VOC	100-41-4	Ethylbenzene	0.0057	MG/KG	U	U_LAB	U					Severn Trent
21-029 Western Seep	21-11235	MD21-01-008	5/14/01 9:30:00 AM	INV	NA	0	0.07	FT	SED	SED	8820R	5/15/01	5/22/01	0.91	VOC	108-88-3	Toluene	0.0015	MG/KG	J+	V3	J	J+	V3			Severn Trent
21-029 Western Seep	21-11235	MD21-01-008	5/14/01 9:30:00 AM	INV	NA	0	0.07	FT	SED	SED	8820R	5/15/01	5/22/01	0.91	VOC	1330-20-7	Xylene (Total)	0.0057	MG/KG	U	U_LAB	U					Severn Trent
21-029 Western Seep	21-11235	MD21-01-008	5/14/01 9:30:00 AM	INV	NA	0	0.07	FT	SED	SED	8820R	5/15/01	5/22/01	0.91	VOC	95-47-6	Xylene[1,2-]	0.0028	MG/KG	U	U_LAB	U					Severn Trent
21-029 Western Seep	21-11237	MD21-01-008	5/15/01 10:52:00 AM	INV	NA	0	0.13	FT	SED	SED	8840R	5/16/01	6/14/01	1	LEAD	PB	Lead	18.6	MG/KG				PM	I13B	PM	I14B	Severn Trent
21-029 Western Seep	21-11237	MD21-01-008	5/15/01 10:52:00 AM	INV	NA	0	0.13	FT	SED	SED	8839R	5/16/01	7/1/01	1	SVOC	83-32-9	Acenaphthene	0.39	MG/KG	U	U_LAB	U					Severn Trent
21-029 Western Seep	21-11237	MD21-01-008	5/15/01 10:52:00 AM	INV	NA	0	0.13	FT	SED	SED	8839R	5/16/01	7/1/01	1	SVOC	120-12-7	Anthracene	0.39	MG/KG	U	U_LAB	U					Severn Trent
21-029 Western Seep	21-11237	MD21-01-008	5/15/01 10:52:00 AM	INV	NA	0	0.13	FT	SED	SED	8839R	5/16/01	7/1/01	1	SVOC	56-55-3	Benzo(a)anthracene	0.39	MG/KG	U	U_LAB	U					Severn Trent
21-029 Western Seep	21-11237	MD21-01-008	5/15/01 10:52:00 AM	INV	NA	0	0.13	FT	SED	SED	8839R	5/16/01	7/1/01	1	SVOC	50-32-8	Benzo(a)pyrene	0.39	MG/KG	U	U_LAB	U					Severn Trent
21-029 Western Seep	21-11237	MD21-01-008	5/15/01 10:52:00 AM	INV	NA	0	0.13	FT	SED	SED	8839R	5/16/01	7/1/01	1	SVOC	205-99-2	Benzo(b)fluoranthene	0.39	MG/KG	U	U_LAB	U					Severn Trent
21-029 Western Seep	21-11237	MD21-01-008	5/15/01 10:52:00 AM	INV	NA	0	0.13	FT	SED	SED	8839R	5/16/01	7/1/01	1	SVOC	207-08-9	Benzo(k)fluoranthene	0.39	MG/KG	U	U_LAB	U					Severn Trent
21-029 Western Seep	21-11237	MD21-01-008	5/15/01 10:52:00 AM	INV	NA	0	0.13	FT	SED	SED	8839R	5/16/01	7/1/01	1	SVOC	218-01-9	Chrysene	0.39	MG/KG	U	U_LAB	U					Severn Trent
21-029 Western Seep	21-11237	MD21-01-008	5/15/01 10:52:00 AM	INV	NA	0	0.13	FT	SED	SED	8839R	5/16/01	7/1/01	1	SVOC	53-70-3	Dibenz(a,h)anthracene	0.39	MG/KG	U	U_LAB	U					Severn Trent
21-029 Western Seep	21-11237	MD21-01-008	5/15/01 10:52:00 AM	INV	NA	0	0.13	FT	SED	SED	8839R	5/16/01	7/1/01	1	SVOC	206-44-0	Fluoranthene	0.39	MG/KG	U	U_LAB	U					Severn Trent
21-029 Western Seep	21-11237	MD21-01-008	5/15/01 10:52:00 AM	INV	NA	0	0.13	FT	SED	SED	8839R	5/16/01	7/1/01	1	SVOC	86-73-7	Fluorene	0.39	MG/KG	U	U_LAB	U					Severn Trent
21-029 Western Seep	21-11237	MD21-01-008	5/15/01 10:52:00 AM	INV	NA	0	0.13	FT	SED	SED	8839R	5/16/01	7/1/01	1	SVOC	91-57-6	Methylnaphthalene[2-]	0.39	MG/KG	U	U_LAB	U					Severn Trent
21-029 Western Seep	21-11237	MD21-01-008	5/15/01 10:52:00 AM	INV	NA	0	0.13	FT	SED	SED	8839R	5/16/01	7/1/01	1	SVOC	91-20-3	Naphthalene	0.39	MG/KG	U	U_LAB	U					Severn Trent
21-029 Western Seep	21-11237	MD21-01-008	5/15/01 10:52:00 AM	INV	NA	0	0.13	FT	SED	SED	8839R	5/16/01	7/1/01	1	SVOC	85-01-8	Phenanthrene	0.39	MG/KG	U	U_LAB	U					Severn Trent
21-029 Western Seep	21-11237	MD21-01-008	5/15/01 10:52:00 AM	INV	NA	0	0.13	FT	SED	SED	8839R	5/16/01	7/1/01	1	SVOC	129-00-0	Pyrene	1.9	MG/KG	U	U_LAB	U					Severn Trent
21-029 Western Seep	21-11237	MD21-01-008	5/15/01 10:52:00 AM	INV	NA	0	0.13	FT	SED	SED	8839R	5/16/01	6/9/01	1	TPH_DRO	DRO	Diesel Range Organics	39	MG/KG	U	U_LAB	U					Severn Trent
21-029 Western Seep	21-11237	MD21-01-008	5/15/01 10:52:00 AM	INV	NA	0	0.13	FT	SED	SED	8839R	5/16/01	5/25/01	1	TPH_GRO	GRO	Gasoline Range Organics	0.12	MG/KG	U	U_LAB	U					Severn Trent
21-029 Western Seep	21-11237	MD21-01-008	5/15/01 10:52:00 AM	INV	NA	0	0.13	FT	SED	SED	8839R	5/16/01	5/25/01	0.88	VOC	71-43-2	Benzene	0.0052	MG/KG	U	U_LAB	U					Severn Trent
21-029 Western Seep	21-11237	MD21-01-008	5/15/01 10:52:00 AM	INV	NA	0	0.13	FT	SED	SED	8839R	5/16/01	5/25/01	0.88	VOC	100-41-4	Ethylbenzene	0.0052	MG/KG	U	U_LAB	U					Severn Trent
21-029 Western Seep	21-11237	MD21-01-008	5/15/01 10:52:00 AM	INV	NA	0	0.13	FT	SED	SED	8839R	5/16/01	5/25/01	0.88	VOC	108-88-3	Toluene	0.0072	MG/KG	J+	V3		J+	V3			Severn Trent
21-029 Western Seep	21-11237	MD21-01-008	5/15/01 10:52:00 AM	INV	NA	0	0.13	FT	SED	SED	8839R	5/16/01	5/25/01	0.88	VOC	1330-20-7	Xylene (Total)	0.0052	MG/KG	U	U_LAB	U					Severn Trent
21-029 Western Seep	21-11237	MD21-01-008	5/15/01 10:52:00 AM	INV	NA	0	0.13	FT	SED	SED	8839R	5/16/01	5/25/01	0.88	VOC	95-47-6	Xylene[1,2-]	0.0026	MG/KG	U	U_LAB	U					Severn Trent
21-029 Western Seep	21-11237	MD21-01-008	5/15/01 10:52:00 AM	QC	FD	0	0.13	FT	SED	SED	8840R	5/16/01	6/14/01	1	LEAD	PB	Lead	16.9	MG/KG				PM	I13B	PM	I14B	Severn Trent
21-029 Western Seep	21-11237	MD21-01-008	5/15/01 10:52:00 AM	QC	FD	0	0.13	FT	SED	SED	8839R	5/16/01	7/3/01	1	SVOC	83-32-9	Acenaphthene	0.38	MG/KG	UJ	SV3c	U	UJ	SV3C			Severn Trent
21-029 Western Seep	21-11237	MD21-01-008	5/15/01 10:52:00 AM	QC	FD	0	0.13	FT	SED	SED	8839R	5/16/01	7/3/01	1	SVOC	120-12-7	Anthracene	0.38	MG/KG	UJ	SV3c	U	UJ	SV3C			Severn Trent
21-029 Western Seep	21-11237	MD21-01-008	5/15/01 10:52:00 AM	QC	FD	0	0.13	FT	SED	SED	8839R	5/16/01	7/3/01	1	SVOC	56-55-3	Benzo(a)anthracene	0.14	MG/KG	J-	SV3a	J	J-	SV3A	J	SV1B	Severn Trent
21-029 Western Seep	21-11237	MD21-01-008	5/15/01 10:52:00 AM	QC	FD	0	0.13	FT	SED	SED	8839R	5/16/01	7/3/01	1	SVOC	50-32-8	Benzo(a)pyrene	0.16	MG/KG	J-	SV3a	J	J-	SV3A	J	SV1B	Severn Trent
21-029 Western Seep	21-11237	MD21-01-008	5/15/01 10:52:00 AM	QC	FD	0	0.13	FT	SED	SED	8839R	5/16/01	7/3/01	1	SVOC	205-99-2	Benzo(b)fluoranthene	0.15	MG/KG	J-	SV3a	J	J-	SV3A	J	SV1B	Severn Trent
21-029 Western Seep	21-11237	MD21-01-008	5/15/01 10:52:00 AM	QC	FD	0	0.13	FT	SED	SED	8839R	5/16/01	7/3/01	1	SVOC	207-08-9	Benzo(k)fluoranthene	0.16	MG/KG	J-	SV3a	J	J-	SV3A	J	SV1B	Severn Trent
21-029 Western Seep	21-11237	MD21-01-008	5/15/01 10:52:00 AM	QC	FD	0	0.13	FT	SED	SED	8839R	5/16/01	7/3/01	1	SVOC	218-01-9	Chrysene	0.16	MG/KG	J-	SV3a	J	J-	SV3A	J	SV1B	Severn Trent
21-029 Western Seep	21-11237	MD21-01-008	5/15/01 10:52:00 AM	QC	FD	0	0.13	FT	SED	SED	8839R	5/16/01	7/3/01	1	SVOC	53-70-3	Dibenz(a,h)anthracene	0.38	MG/KG	UJ	SV3c	U	UJ	SV3C			Severn Trent
21-029 Western Seep	21-11237	MD21-01-008	5/15/01 10:52:00 AM	QC	FD	0	0.13	FT	SED	SED	8839R	5/16/01	7/3/01	1	SVOC	206-44-0	Fluoranthene	0.27	MG/KG	J-	SV3a	J	J-	SV3A	J	SV1B	Severn Trent
21-029 Western Seep	21-11237	MD21-01-008	5/15/01 10:52:00 AM	QC	FD	0	0.13	FT	SED	SED	8839R	5/16/01	7/3/01	1	SVOC	86-73-7	Fluorene	0.38	MG/KG	UJ	SV3c	U	UJ	SV3C			Severn Trent
21-029 Western Seep	21-11237	MD21-01-008	5/15/01 10:52:00 AM	QC	FD	0	0.13	FT	SED	SED	8839R	5/16/01	7/3/01	1	SVOC	91-57-6	Methylnaphthalene[2-]	0.38	MG/KG	UJ	SV3c	U	UJ	SV3C			Severn Trent
21-029 Western Seep	21-11237	MD21-01-008	5/15/01 10:52:00 AM	QC	FD	0	0.13	FT	SED	SED	8839R	5/16/01	7/3/01	1	SVOC	91-20-3	Naphthalene	0.38	MG/KG	UJ	SV3c	U	UJ	SV3C			Severn Trent
21-029 Western Seep	21-11237	MD21-01-008	5/15/01 10:52:00 AM	QC	FD	0	0.13	FT	SED	SED	8839R	5/16/01	7/3/01	1	SVOC	85-01-8	Phenanthrene	0.084	MG/KG	J-	SV3a	J	J-	SV3A	J	SV1B	Severn Trent
21-029 Western Seep	21-11237	MD21-01-008	5/15/01 10:52:00 AM	QC	FD	0	0.13	FT	SED	SED	8839R	5/16/01	7/3/01	1	SVOC	129-00-0	Pyrene	0.21	MG/KG	J-	SV3a	J	J-	SV3A	J	SV1B	Severn Trent
21-029 Western Seep	21-11237	MD21-01-008	5/15/01 10:52:00 AM	QC	FD	0	0.13	FT	SED	SED	8839R	5/16/01	6/9/01	1	TPH_DRO	DRO	Diesel Range Organics	38	MG/KG	U	U_LAB	U					Severn Trent
21-029 Western Seep	21-11237	MD21-01-008	5/15/01 10:52:00 AM	QC	FD	0	0.13	FT	SED	SED	8839R	5/16/01	5/25/01	1	TPH_GRO	GRO	Gasoline Range Organics	0.12	MG/KG	U	U_LAB	U					Severn Trent
21-029 Western Seep	21-11237	MD21-01-008	5/15/01 10:52:00 AM	QC	FD	0	0.13	FT	SED	SED	8839R	5/16/01	5/25/01	0.9	VOC	71-43-2	Benzene	0.0052	MG/KG	U	U_LAB	U					Severn Trent
21-029 Western Seep	21-11237	MD21-01-008	5/15/01 10:52:00 AM	QC	FD	0	0.13	FT	SED	SED	8839R	5/16/01	5/25/01	0.9	VOC	100-41-4	Ethylbenzene	0.0052	MG/KG	U	U_LAB	U					Severn Trent
21-029 Western Seep	21-11237	MD21-01-008	5/15/01 10:52:00 AM	QC	FD	0	0.13	FT	SED	SED	8839R	5/16/01	5/25/01	0.9	VOC	108-88-3	Toluene	0.014	MG/KG	J+	V3		J+	V3			Severn Trent
21-029 Western Seep	21-11237	MD21-01-008	5/15/01 10:52:00 AM	QC	FD	0	0.13	FT	SED	SED	8839R	5/16/01	5/25/01	0.9	VOC	1330-20-7	Xylene (Total)	0.0052	MG/KG								Severn Trent
21-029 Western Seep	21-11237	MD21-01-008	5/15/01 10:52:00 AM	QC	FD	0	0.13	FT	SED	SED	8839R	5/16/01	5/25/01	0.9	VOC	95-47-6	Xylene[1,2-]	0.0026	MG/KG	U	U_LAB	U					Severn Trent
21-029 Western Seep	21-11238	MD21-01-008	5/15/01 11:00:00 AM	INV	NA	0	0.13	FT	SED	SED	8840R	5/16/01	6/14/01	1	LEAD	PB	Lead	19.1	MG/KG				PM	I13B	PM	I14B	Severn Trent
21-029 Western Seep	21-11238	MD21-01-008	5/15/01 11:00:00 AM	INV	NA	0	0.13	FT	SED	SED	8839R	5/16/01	7/1/01	1	SVOC	83-32-9	Acenaphthene	0.41	MG/KG	U	U_LAB	U					Severn Trent
21-029 Western Seep	21-11238	MD21-01-008	5/15/01 11:00:00 AM	INV	NA	0	0.13	FT	SED	SED	8839R	5/16/01	7/1/01	1	SVOC	120-12-7	Anthracene	0.41	MG/KG	U	U_LAB	U					Severn Trent
21-029 Western Seep	21-11238	MD21-01-008	5/15/01 11:00:00 AM	INV	NA	0	0.13	FT	SED	SED	8839R	5/16/01	7/1/01	1	SVOC	56-55-3	Benzo(a)anthracene	0.43	MG/KG								Severn Trent
21-029 Western Seep	21-11238	MD21-01-008	5/15/01 11:00:00 AM	INV	NA	0	0.13	FT	SED	SED	8839R	5/16/01	7/1/01	1	SVOC	50-32-8	Benzo(a)pyrene	0.46	MG/KG								Severn Trent
21-029 Western Seep	21-11238	MD21-01-008	5/15/01 11:00:00 AM	INV	NA	0	0.13	FT	SED	SED	8839R	5/16/01	7/1/01	1	SVOC	205-99-2	Benzo(b)fluoranthene	0.67	MG/KG								Severn Trent
21-029 Western Seep	21-11238	MD21-01-008	5/15/01 11:00:00 AM	INV	NA	0	0.13	FT	SED	SED	8839R	5/16/01	7/1/01	1	SVOC	207-08-9	Benzo(k)fluoranthene	0.43	MG/KG								Severn Trent
21-029 Western Seep	21-11238	MD21-01-008	5/15/01 11:00:00 AM	INV	NA	0	0.13	FT	SED	SED	8839R	5/16/01	7/1/01	1	SVOC	218-01-9	Chrysene	0.46	MG/KG								Severn Trent
21-029 Western Seep	21-11238	MD21-01-008	5/15/01 11:00:00 AM	INV	NA	0	0.13	FT	SED	SED	8839R	5/16/01	7/1/01	1	SVOC	53-70-3	Dibenz(a,h)anthracene	0.41	MG/KG	U	U_LAB	U					Severn Trent
21-029 Western Seep	21-11238	MD21-01-008	5/15/01 11:00:00 AM	INV	NA	0	0.13	FT	SED	SED	8839R	5/16/01	7/1/01	1	SVOC	206-44-0	Fluoranthene	0.59	MG/KG								Severn Trent
21-029 Western Seep	21-11238	MD21-01-008	5/15/01 11:00:00 AM	INV	NA	0	0.13	FT	SED	SED	8839R	5/16/01	7/1/01	1	SVOC	86-73-7	Fluorene	0.41	MG/KG	U	U_LAB	U					Severn Trent
21-029 Western Seep	21-11238	MD21-01-008	5/15/01 11:00:00 AM	INV	NA	0	0.13	FT	SED	SED	8839R	5/16/01	7/1/01	1	SVOC	91-57-6	Methylnaphthalene[2-]	0.41	MG/KG	U	U_LAB	U					Severn Trent
21-029 Western Seep	21-11238	MD21-01-008	5/15/01 11:00:00 AM	INV	NA	0	0.13	FT	SED	SED	8839R	5/16/01	7/1/01	1	SVOC	91-20-3	Naphthalene	0.41	MG/KG	U	U_LAB	U					Severn Trent
21-029 Western Seep	21-11238	MD21-01-008	5/15/01 11:00:00 AM	INV	NA	0	0.13	FT	SED	SED	8839R	5/16/01	7/1/01	1	SVOC	85-01-8	Phenanthrene	0.23	MG/KG	J	EQL/MDL	J					Severn Trent
21-029 Western Seep	21-11238	MD21-01-008	5/15/01 11:00:00 AM	INV	NA	0	0.13	FT	SED	SED	8839R	5/16/01	7/1/01	1	SVOC	129-00-0	Pyrene	0.72	MG/KG	J	EQL/MDL	J					Severn Trent
21-029 Western Seep	21-11238	MD21-01-008	5/15/01 11:00:00 AM	INV	NA	0	0.13	FT	SED	SED	8839R	5/16/01	6/9/01	1	TPH_DRO	DRO	Diesel Range Organics	41	MG/KG	U	U_LAB	U					Severn Trent
21-029 Western Seep	21-11238	MD21-01-008	5/15/01 11:00:00 AM	INV	NA	0	0.13	FT	SED	SED	8839R	5/16/01	5/25/01	1	TPH_GRO	GRO	Gasoline Range Organics	0.12	MG/KG	U	U_LAB	U					Severn Trent
21-029 Western Seep	21-11238	MD21-01-008	5/15/01 11:00:00 AM	INV	NA	0	0.13	FT	SED	SED	8839R	5/16/01	5/25/01	0.91	VOC	71-43-2	Benzene	0.0056	MG/KG	UJ	V1a	U	UJ	V1A			Severn Trent
21-029 Western Seep	21-11238	MD21-01-008	5/15/01 11:00:00 AM	INV	NA	0	0.13	FT	SED	SED	8839R	5/16/01	5/25/01	0.91	VOC	100-41-4	Ethylbenzene	0.0056	MG/KG	UJ	V1a	U	UJ	V1A			Severn Trent
21-029 Western Seep	21-11238	MD21-01-008	5/15/01 11:00:00 AM	INV	NA	0	0.13	FT	SED	SED	8839R	5/16/01	5/25/01	0.91	VOC	108-88-3	Toluene	0.007	MG/KG	J+	V3		J+	V3	J	V1A	Severn Trent
21-029 Western Seep	21-11238	MD21-01-008	5/15/01 11:00:00 AM	INV	NA	0	0.13	FT	SED	SED	8839R	5/16/01	5/25/01	0.91	VOC	1330-20-7	Xylene (Total)	0.0056	MG/KG	UJ	V1A		UJ	V1A			Severn Trent
21-029 Western Seep	21-11238	MD21-01-008	5/15/01 11:00:00 AM	INV	NA	0	0.13	FT	SED	SED	8839R	5/16/01	5/25/01	0.91	VOC	95-47-6	Xylene[1,2-]	0.0028	MG/KG	UJ	V1a	U	UJ	V1A			Severn Trent
21-029 Western Seep	21-11239	MD21-01-008	5/15/01 11:10:00 AM	INV	NA	0	0.13	FT	SED	SED	8840R	5/16/01	6/14/01	1	LEAD	PB	Lead	28.5	MG/KG				PM	I13B	PM	I14B	Severn Trent
21-029 Western Seep	21-11239	MD21-01-008	5/15/01 11:10:00 AM	INV	NA	0	0.13	FT	SED	SED	8839R	5/16/01	7/1/01	1	SVOC	83-32-9	Acenaphthene	0.44	MG/KG	U	U_LAB	U					Severn Trent
21-029 Western Seep	21-11239	MD21-01-008	5/15/01 11:10:00 AM	INV	NA	0	0.13	FT	SED	SED	8839R	5/16/01	7/1/01	1	SVOC	120-12-7	Anthracene	0.44	MG/KG	U	U_LAB	U					Severn Trent
21-029 Western Seep	21-11239	MD21-01-008	5/15/01 11:10:00 AM	INV	NA	0	0.13	FT	SED	SED	8839R	5/16/01	7/1/01	1	SVOC	56-55-3	Benzo(a)anthracene	0.4	MG/KG	J	EQL/MDL	J					Severn Trent
21-029 Western Seep	21-11239	MD21-01-008	5/15/01 11:10:00 AM	INV	NA	0	0.13	FT	SED	SED	8839R	5/16/01	7/1/01	1	SVOC	50-32-8	Benzo(a)pyrene	0.4	MG/KG	J	EQL/MDL	J					Severn Trent
21-029 Western Seep	21-11239	MD21-01-008	5/15/01 11:10:00 AM	INV	NA	0	0.13	FT	SED	SED	8839R	5/16/01	7/1/01	1	SVOC	205-99-2	Benzo(b)fluoranthene	0.42	MG/KG	J	EQL/MDL	J					Severn Trent
21-029 Western Seep	21-11239	MD21-01-008	5/15/01 11:10:00 AM	INV	NA	0	0.13	FT	SED	SED	8839R	5/16/01	7/1/01	1	SVOC	207-08-9	Benzo(k)fluoranthene	0.42	MG/KG	J	EQL/MDL	J					Severn Trent
21-029 Western Seep	21-11239	MD21-01-008	5/15/01 11:10:00 AM	INV	NA	0	0.13	FT	SED	SED	8839R	5/16/01	7/1/01	1	SVOC	218-01-9	Chrysene	0.44	MG/KG								Severn Trent
21-029 Western Seep	21-11239	MD21-01-008	5/15/01 11:10:00 AM	INV	NA	0	0.13	FT	SED	SED	8839R	5/16/01	7/1/01	1	SVOC	53-70-3	Dibenz(a,h)anthracene	0.44	MG/KG	U	U_LAB	U					Severn Trent
21-029 Western Seep	21-11239	MD21-01-008	5/15/01 11:10:00 AM	INV	NA	0	0.13	FT	SED	SED	8839R	5/16/01	7/1/01	1	SVOC	206-44-0	Fluoranthene	0.64	MG/KG								Severn Trent
21-029 Western Seep	21-11239	MD21-01-008	5/15/01 11:10:00 AM	INV	NA	0	0.13	FT	SED	SED	8839R	5/16/01	7/1/01	1	SVOC	86-73-7	Fluorene	0.44	MG/KG	U	U_LAB	U					Severn Trent
21-029 Western Seep	21-11239	MD21-01-008	5/15/01 11:10:00 AM	INV	NA	0	0.13	FT	SED	SED	8839R	5/16/01	7/1/01	1	SVOC	91-57-6	Methylnaphthalene[2-]	0.44	MG/KG	U	U_LAB	U					Severn Trent
21-029 Western Seep	21-11239	MD21-01-008	5/15/01 11:10:00 AM	INV	NA	0	0.13	FT	SED	SED	8839R	5/16/01	7/1/01	1	SVOC	91-20-3	Naphthalene	0.44	MG/KG	U	U_LAB	U					Severn Trent
21-029 Western Seep	21-11239	MD21-01-008	5/15/01 11:10:00 AM	INV	NA	0	0.13	FT	SED	SED	8839R	5/16/01	7/1/01	1	SVOC	85-01-8	Phenanthrene	0.26	MG/KG	J	EQL/MDL	J					Severn Trent
21-029 Western Seep	21-11239	MD21-01-008	5/15/01 11:10:00 AM	INV	NA	0	0.13	FT	SED	SED	8839R	5/16/01	7/1/01	1	SVOC	129-00-0	Pyrene	0.53	MG/KG	J	EQL/MDL	J					Severn Trent
21-029 Western Seep	21-11239	MD21-01-008	5/15/01 11:10:00 AM	INV	NA	0	0.13	FT	SED	SED	8839R	5/16/01	6/9/01	1	TPH_DRO	DRO	Diesel Range Organics	44	MG/KG	U	U_LAB	U					Severn Trent
21-029 Western Seep	21-11239	MD21-01-008	5/15/01 11:10:00 AM	INV	NA	0	0.13	FT	SED	SED	8839R	5/16/01	5/25/01	1	TPH_GRO	GRO	Gasoline Range Organics	0.13	MG/KG	U	U_LAB	U					Severn Trent
21-029 Western Seep	21-11239	MD21-01-008	5/15/01 11:10:00 AM	INV	NA	0	0.13	FT	SED	SED	8839R	5/16/01	5/25/01	1	VOC	71-43-2	Benzene	0.0067	MG/KG	UJ	V1a	U	UJ	V1A			Severn Trent
21-029 Western Seep	21-11239	MD21-01-008	5/15/01 11:10:00 AM	INV	NA	0	0.13	FT	SED	SED	8839R	5/16/01	5/25/01	1	VOC	100-41-4	Ethylbenzene	0.0067	MG/KG	UJ	V1a	U	UJ	V1A			Severn Trent
21-029 Western Seep	21-11239	MD21-01-008	5/15/01 11:10:00 AM	INV	NA	0	0.13	FT	SED	SED	8839R	5/16/01	5/25/01	1	VOC	108-88-3	Toluene	0.016	MG/KG	J+	V3		J+	V3	J	V1A	Severn Trent
21-029 Western Seep	21-11239	MD21-01-008	5/15/01 11:10:00 AM	INV	NA	0	0.13	FT	SED	SED	8839R	5/16/01	5/25/01	1.02	VOC	1330-20-7	Xylene (Total)	0.0068	MG/KG								Severn Trent
21-029 Western Seep	21-11239	MD21-01-008	5/15/01 11:10:00 AM	INV	NA	0	0.13	FT	SED	SED	8839R	5/16/01	5/25/01	1	VOC	95-47-6	Xylene[1,2-]	0.0033	MG/KG	UJ	V1a	U	UJ	V1A			Severn Trent
21-029 Western Seep	21-11236	MD21-01-008	5/15/01 10:45:00 AM	INV	NA	0	0.13	FT	SED	SED	8840R	5/16/01	6/14/01	1	LEAD	PB	Lead	16.2	MG/KG				PM	I13B	PM	I14B	Severn Trent
21-029 Western Seep	21-11236	MD21-01-008	5/15/01 10:45:00 AM	INV	NA	0	0.13	FT	SED	SED	8839R	5/16/01	7/1/01	1	SVOC	83-32-9	Acenaphthene	0.39	MG/KG	U	U_LAB	U					Severn Trent
21-029 Western Seep	21-11236	MD21-01-008	5/15/01 10:45:00 AM	INV	NA	0	0.13	FT	SED	SED	8839R	5/16/01	7/1/01	1	SVOC	120-12-7	Anthracene	0.39	MG/KG	U	U_LAB	U					Severn Trent
21-029 Western Seep	21-11236	MD21-01-008	5/15/01 10:45:00 AM	INV	NA	0	0.13	FT	SED	SED	8839R	5/16/01	7/1/01	1	SVOC	56-55-3	Benzo(a)anthracene	0.2	MG/KG	J	EQL/MDL	J					Severn Trent
21-029 Western Seep	21-11236	MD21-01-008	5/15/01 10:45:00 AM	INV	NA	0	0.13	FT	SED	SED	8839R	5/16/01	7/1/01	1	SVOC	50-32-8	Benzo(a)pyrene	0.15	MG/KG	J	EQL/MDL	J					Severn Trent
21-029 Western Seep	21-11236	MD21-01-008	5/15/01 10:45:00 AM	INV	NA	0	0.13	FT	SED	SED	8839R	5/16/01	7/1/01	1	SVOC	205-99-2	Benzo(b)fluoranthene	0.24	MG/KG	J	EQL/MDL	J					Severn Trent
21-029 Western Seep	21-11236	MD21-01-008	5/15/01 10:45:00 AM	INV	NA	0	0.13	FT	SED	SED	8839R	5/16/01	7/1/01	1	SVOC	207-08-9	Benzo(k)fluoranthene	0.21	MG/KG	J	EQL/MDL	J					Severn Trent
21-029 Western Seep	21-11236	MD21-01-008	5/15/01 10:45:00 AM	INV	NA	0	0.13	FT	SED	SED	8839R	5/16/01	7/1/01	1	SVOC	218-01-9	Chrysene	0.23	MG/KG	J	EQL/MDL	J					Severn Trent
21-029 Western Seep	21-11236	MD21-01-008	5/15/01 10:45:00 AM	INV	NA	0	0.13	FT	SED	SED	8839R	5/16/01	7/1/01	1	SVOC	53-70-3	Dibenz(a,h)anthracene	0.39	MG/KG	U	U_LAB	U					Severn Trent
21-029 Western Seep	21-11236	MD21-01-008	5/15/01 10:45:00 AM	INV	NA	0	0.13	FT	SED	SED	8839R	5/16/01	7/1/01	1	SVOC	206-44-0	Fluoranthene	0.31	MG/KG	J	SV1b	J	J	SV1B			Severn Trent
21-029 Western Seep	21-11236	MD21-01-008	5/15/01 10:45:00 AM	INV	NA	0	0.13	FT	SED	SED	8839R	5/16/01	7/1/01	1	SVOC	86-73-7	Fluorene	0.39	MG/KG	U	U_LAB	U					Severn Trent
21-029 Western Seep	21-11236	MD21-01-008	5/15/01 10:45:00 AM	INV	NA	0	0.13	FT	SED	SED	8839R	5/16/01	7/1/01	1	SVOC	91-57-6	Methylnaphthalene[2-]	0.39	MG/KG	U	U_LAB	U					Severn Trent
21-029 Western Seep	21-11236	MD21-01-008	5/15/01 10:45:00 AM	INV	NA	0	0.13	FT	SED	SED	8839R	5/16/01	7/1/01	1	SVOC	91-20-3	Naphthalene	0.39	MG/KG	U	U_LAB	U					Severn Trent
21-029 Western Seep	21-11236	MD21-01-008	5/15/01 10:45:00 AM	INV	NA	0	0.13	FT	SED	SED	8839R	5/16/01	7/1/01	1	SVOC	85-01-8	Phenanthrene	0.16	MG/KG	J	SV1b	J	J	SV1B			Severn Trent
21-029 Western Seep	21-11236	MD21-01-008	5/15/01 10:45:00 AM	INV	NA	0	0.13	FT	SED	SED	8839R	5/16/01	7/1/01	1	SVOC	129-00-0	Pyrene	0.31	MG/KG	J	EQL/MDL	J					Severn Trent
21-029 Western Seep	21-11236	MD21-01-008	5/15/01 10:45:00 AM	INV	NA	0	0.13	FT	SED	SED	8839R	5/16/01	6/9/01	1	TPH_DRO	DRO	Diesel Range Organics	39	MG/KG	U	U_LAB	U					Severn Trent
21-029 Western Seep	21-11236	MD21-01-008	5/15/01 10:45:00 AM	INV	NA	0	0.13	FT	SED	SED	8839R	5/16/01	5/25/01	1	TPH_GRO	GRO	Gasoline Range Organics	0.12	MG/KG	U	U_LAB	U					Severn Trent
21-029 Western Seep	21-11236	MD21-01-008	5/15/01 10:45:00 AM	INV	NA	0	0.13	FT	SED	SED	8839R	5/16/01	5/25/01	0.92	VOC	71-43-2	Benzene	0.0054	MG/KG	U	U_LAB	U					Severn Trent
21-029 Western Seep	21-11236	MD21-01-008	5/15/01 10:45:00 AM	INV	NA	0	0.13	FT	SED	SED	8839R	5/16/01	5/25/01	0.92	VOC	100-41-4	Ethylbenzene	0.0054	MG/KG	U	U_LAB	U					Severn Trent
21-029 Western Seep	21-11236	MD21-01-008	5/15/01 10:45:00 AM	INV	NA	0	0.13	FT	SED	SED	8839R	5/16/01	5/25/01	0.92	VOC	108-88-3	Toluene	0.0024	MG/KG	J+	V3	J	J+	V3			Severn Trent
21-029 Western Seep	21-11236	MD21-01-008	5/15/01 10:45:00 AM	INV	NA	0	0.13	FT	SED	SED	8839R	5/16/01	5/25/01	0.92	VOC	1330-20-7	Xylene (Total)	0.0054	MG/KG	U	U_LAB	U					Severn Trent
21-029 Western Seep	21-11236	MD21-01-008	5/15/01 10:45:00 AM	INV	NA	0	0.13	FT	SED	SED	8839R	5/16/01	5/25/01	0.92	VOC	95-47-6	Xylene[1,2-]	0.0027	MG/KG	U	U_LAB	U					Severn Trent
21-029 Western Seep	21-11229	MD21-01-009	5/3/01 10:10:00 AM	INV	NA	69	70	FT	R	QBT3	8734R	5/4/01	6/5/01	1	LEAD	PB	Lead	3.4	MG/KG			*					Severn Trent
21-029 Western Seep	21-11229	MD21-01-009	5/3/01 10:10:00 AM	INV	NA	69	70	FT	R	QBT3	8733R	5/4/01	6/5/01	1	SVOC	83-32-9	Acenaphthene	0.35	MG/KG	U	U_LAB	U					Severn Trent
21-029 Western Seep	21-11229	MD21-01-009	5/3/01 10:10:00 AM	INV	NA	69	70	FT	R	QBT3	8733R	5/4/01	6/5/01	1	SVOC	120-12-7	Anthracene	0.35	MG/KG	U	U_LAB	U					Severn Trent
21-029 Western Seep	21-11229	MD21-01-009	5/3/01 10:10:00 AM	INV	NA	69	70	FT	R	QBT3	8733R	5/4/01	6/5/01	1	SVOC	56-55-3	Benzo(a)anthracene	0.35	MG/KG	U	U_LAB	U					Severn Trent
21-029 Western Seep	21-11229	MD21-01-009	5/3/01 10:10:00 AM	INV	NA	69	70	FT	R	QBT3	8733R	5/4/01	6/5/01	1	SVOC	50-32-8	Benzo(a)pyrene	0.35	MG/KG	U	U_LAB	U					Severn Trent
21-029 Western Seep	21-11229	MD21-01-009	5/3/01 10:10:00 AM	INV	NA	69	70	FT	R	QBT3	8733R	5/4/01	6/5/01	1	SVOC	205-99-2	Benzo(b)fluoranthene	0.35	MG/KG	U	U_LAB	U					Severn Trent
21-029 Western Seep	21-11229	MD21-01-009	5/3/01 10:10:00 AM	INV	NA	69	70	FT	R	QBT3	8733R	5/4/01	6/5/01	1	SVOC	207-08-9	Benzo(k)fluoranthene	0.35	MG/KG	U	U_LAB	U					Severn Trent
21-029 Western Seep	21-11229	MD21-01-009	5/3/01 10:10:00 AM	INV	NA	69	70	FT	R	QBT3	8733R	5/4/01	6/5/01	1	SVOC	218-01-9	Chrysene	0.35	MG/KG	U	U_LAB	U					Severn Trent

UST Analytical Results for DP Tank Farm Western Seep, PRS 21-029

21-029	Western Seep	21-11229	MD21-01-006	5/3/01 10:10:00 AM	INV	NA	69	70	FT	R	QBT3	8733R	5/4/01	6/5/01	1	SVOC	53-70-3	Dibenz(a,h)anthracene	0.35	MG/KG	U	U_LAB	U					Severn Trent
21-029	Western Seep	21-11229	MD21-01-006	5/3/01 10:10:00 AM	INV	NA	69	70	FT	R	QBT3	8733R	5/4/01	6/5/01	1	SVOC	206-44-0	Fluoranthene	0.35	MG/KG	U	U_LAB	U					Severn Trent
21-029	Western Seep	21-11229	MD21-01-006	5/3/01 10:10:00 AM	INV	NA	69	70	FT	R	QBT3	8733R	5/4/01	6/5/01	1	SVOC	86-73-7	Fluorene	0.35	MG/KG	U	U_LAB	U					Severn Trent
21-029	Western Seep	21-11229	MD21-01-006	5/3/01 10:10:00 AM	INV	NA	69	70	FT	R	QBT3	8733R	5/4/01	6/5/01	1	SVOC	91-57-6	Methylnaphthalene[2-]	0.35	MG/KG	U	U_LAB	U					Severn Trent
21-029	Western Seep	21-11229	MD21-01-006	5/3/01 10:10:00 AM	INV	NA	69	70	FT	R	QBT3	8733R	5/4/01	6/5/01	1	SVOC	91-20-3	Naphthalene	0.35	MG/KG	U	U_LAB	U					Severn Trent
21-029	Western Seep	21-11229	MD21-01-006	5/3/01 10:10:00 AM	INV	NA	69	70	FT	R	QBT3	8733R	5/4/01	6/5/01	1	SVOC	85-01-8	Phenanthrene	0.35	MG/KG	U	U_LAB	U					Severn Trent
21-029	Western Seep	21-11229	MD21-01-006	5/3/01 10:10:00 AM	INV	NA	69	70	FT	R	QBT3	8733R	5/4/01	6/5/01	1	SVOC	129-00-0	Pyrene	1.7	MG/KG	U	U_LAB	U					Severn Trent
21-029	Western Seep	21-11229	MD21-01-006	5/3/01 10:10:00 AM	INV	NA	69	70	FT	R	QBT3	8733R	5/4/01	5/29/01	1	TPH_DRO	DRO	Diesel Range Organics	27	MG/KG	UJ	DRO9	U	UJ	DRO9			Severn Trent
21-029	Western Seep	21-11229	MD21-01-006	5/3/01 10:10:00 AM	INV	NA	69	70	FT	R	QBT3	8733R	5/4/01	5/17/01	1	TPH_GRO	GRO	Gasoline Range Organics	0.11	MG/KG	U	U_LAB	U					Severn Trent
21-029	Western Seep	21-11229	MD21-01-006	5/3/01 10:10:00 AM	INV	NA	69	70	FT	R	QBT3	8733R	5/4/01	5/17/01	1.02	VOC	71-43-2	Benzene	0.0055	MG/KG	UJ	V1a	U	UJ	V1A			Severn Trent
21-029	Western Seep	21-11229	MD21-01-006	5/3/01 10:10:00 AM	INV	NA	69	70	FT	R	QBT3	8733R	5/4/01	5/17/01	1.02	VOC	100-41-4	Ethylbenzene	0.0055	MG/KG	U	U_LAB	U					Severn Trent
21-029	Western Seep	21-11229	MD21-01-006	5/3/01 10:10:00 AM	INV	NA	69	70	FT	R	QBT3	8733R	5/4/01	5/17/01	1.02	VOC	108-88-3	Toluene	0.0055	MG/KG	UJ	V1a	U	UJ	V1A			Severn Trent
21-029	Western Seep	21-11229	MD21-01-006	5/3/01 10:10:00 AM	INV	NA	69	70	FT	R	QBT3	8733R	5/4/01	5/17/01	1.02	VOC	1330-20-7	Xylene (Total)	0.0055	MG/KG	U	U_LAB	U					Severn Trent
21-029	Western Seep	21-11229	MD21-01-006	5/3/01 10:10:00 AM	INV	NA	69	70	FT	R	QBT3	8733R	5/4/01	5/17/01	1.02	VOC	95-47-6	Xylene[1,2-]	0.0027	MG/KG	U	U_LAB	U					Severn Trent
21-029	Western Seep	21-11229	MD21-01-009	5/3/01 11:25:00 AM	INV	NA	80.6	81.2	FT	R	QBT3	8734R	5/4/01	6/5/01	1	LEAD	PB	Lead	4.5	MG/KG			*					Severn Trent
21-029	Western Seep	21-11229	MD21-01-009	5/3/01 11:25:00 AM	INV	NA	80.6	81.2	FT	R	QBT3	8733R	5/4/01	6/5/01	1	SVOC	83-32-9	Acenaphthene	0.36	MG/KG	U	U_LAB	U					Severn Trent
21-029	Western Seep	21-11229	MD21-01-009	5/3/01 11:25:00 AM	INV	NA	80.6	81.2	FT	R	QBT3	8733R	5/4/01	6/5/01	1	SVOC	120-12-7	Anthracene	0.36	MG/KG	U	U_LAB	U					Severn Trent
21-029	Western Seep	21-11229	MD21-01-009	5/3/01 11:25:00 AM	INV	NA	80.6	81.2	FT	R	QBT3	8733R	5/4/01	6/5/01	1	SVOC	56-55-3	Benzo(a)anthracene	0.36	MG/KG	U	U_LAB	U					Severn Trent
21-029	Western Seep	21-11229	MD21-01-009	5/3/01 11:25:00 AM	INV	NA	80.6	81.2	FT	R	QBT3	8733R	5/4/01	6/5/01	1	SVOC	50-32-8	Benzo(a)pyrene	0.36	MG/KG	U	U_LAB	U					Severn Trent
21-029	Western Seep	21-11229	MD21-01-009	5/3/01 11:25:00 AM	INV	NA	80.6	81.2	FT	R	QBT3	8733R	5/4/01	6/5/01	1	SVOC	205-99-2	Benzo(b)fluoranthene	0.36	MG/KG	U	U_LAB	U					Severn Trent
21-029	Western Seep	21-11229	MD21-01-009	5/3/01 11:25:00 AM	INV	NA	80.6	81.2	FT	R	QBT3	8733R	5/4/01	6/5/01	1	SVOC	207-08-9	Benzo(k)fluoranthene	0.36	MG/KG	U	U_LAB	U					Severn Trent
21-029	Western Seep	21-11229	MD21-01-009	5/3/01 11:25:00 AM	INV	NA	80.6	81.2	FT	R	QBT3	8733R	5/4/01	6/5/01	1	SVOC	218-01-9	Chrysene	0.36	MG/KG	U	U_LAB	U					Severn Trent
21-029	Western Seep	21-11229	MD21-01-009	5/3/01 11:25:00 AM	INV	NA	80.6	81.2	FT	R	QBT3	8733R	5/4/01	6/5/01	1	SVOC	53-70-3	Dibenz(a,h)anthracene	0.36	MG/KG	U	U_LAB	U					Severn Trent
21-029	Western Seep	21-11229	MD21-01-009	5/3/01 11:25:00 AM	INV	NA	80.6	81.2	FT	R	QBT3	8733R	5/4/01	6/5/01	1	SVOC	206-44-0	Fluoranthene	0.36	MG/KG	U	U_LAB	U					Severn Trent
21-029	Western Seep	21-11229	MD21-01-009	5/3/01 11:25:00 AM	INV	NA	80.6	81.2	FT	R	QBT3	8733R	5/4/01	6/5/01	1	SVOC	86-73-7	Fluorene	0.36	MG/KG	U	U_LAB	U					Severn Trent
21-029	Western Seep	21-11229	MD21-01-009	5/3/01 11:25:00 AM	INV	NA	80.6	81.2	FT	R	QBT3	8733R	5/4/01	6/5/01	1	SVOC	91-57-6	Methylnaphthalene[2-]	0.36	MG/KG	U	U_LAB	U					Severn Trent
21-029	Western Seep	21-11229	MD21-01-009	5/3/01 11:25:00 AM	INV	NA	80.6	81.2	FT	R	QBT3	8733R	5/4/01	6/5/01	1	SVOC	91-20-3	Naphthalene	0.36	MG/KG	U	U_LAB	U					Severn Trent
21-029	Western Seep	21-11229	MD21-01-009	5/3/01 11:25:00 AM	INV	NA	80.6	81.2	FT	R	QBT3	8733R	5/4/01	6/5/01	1	SVOC	85-01-8	Phenanthrene	0.36	MG/KG	U	U_LAB	U					Severn Trent
21-029	Western Seep	21-11229	MD21-01-009	5/3/01 11:25:00 AM	INV	NA	80.6	81.2	FT	R	QBT3	8733R	5/4/01	6/5/01	1	SVOC	129-00-0	Pyrene	1.7	MG/KG	U	U_LAB	U					Severn Trent
21-029	Western Seep	21-11229	MD21-01-009	5/3/01 11:25:00 AM	INV	NA	80.6	81.2	FT	R	QBT3	8733R	5/4/01	5/29/01	1	TPH_DRO	DRO	Diesel Range Organics	27	MG/KG	UJ	DRO9	U	UJ	DRO9			Severn Trent
21-029	Western Seep	21-11229	MD21-01-009	5/3/01 11:25:00 AM	INV	NA	80.6	81.2	FT	R	QBT3	8733R	5/4/01	5/17/01	1	TPH_GRO	GRO	Gasoline Range Organics	0.11	MG/KG	U	U_LAB	U					Severn Trent
21-029	Western Seep	21-11229	MD21-01-009	5/3/01 11:25:00 AM	INV	NA	80.6	81.2	FT	R	QBT3	8733R	5/4/01	5/17/01	1.09	VOC	71-43-2	Benzene	0.0059	MG/KG	U	U_LAB	U					Severn Trent
21-029	Western Seep	21-11229	MD21-01-009	5/3/01 11:25:00 AM	INV	NA	80.6	81.2	FT	R	QBT3	8733R	5/4/01	5/17/01	1.09	VOC	100-41-4	Ethylbenzene	0.0059	MG/KG	U	U_LAB	U					Severn Trent
21-029	Western Seep	21-11229	MD21-01-009	5/3/01 11:25:00 AM	INV	NA	80.6	81.2	FT	R	QBT3	8733R	5/4/01	5/17/01	1.09	VOC	108-88-3	Toluene	0.0059	MG/KG	U	U_LAB	U					Severn Trent
21-029	Western Seep	21-11229	MD21-01-009	5/3/01 11:25:00 AM	INV	NA	80.6	81.2	FT	R	QBT3	8733R	5/4/01	5/17/01	1.09	VOC	1330-20-7	Xylene (Total)	0.0059	MG/KG	U	U_LAB	U					Severn Trent
21-029	Western Seep	21-11229	MD21-01-009	5/3/01 11:25:00 AM	INV	NA	80.6	81.2	FT	R	QBT3	8733R	5/4/01	5/17/01	1.09	VOC	95-47-6	Xylene[1,2-]	0.0059	MG/KG	U	U_LAB	U					Severn Trent
21-029	Western Seep	21-11229	MD21-01-008	5/3/01 12:25:00 PM	INV	NA	91.5	92.5	FT	R	QBT2	8734R	5/4/01	6/5/01	1	LEAD	PB	Lead	3.7	MG/KG			*					Severn Trent
21-029	Western Seep	21-11229	MD21-01-008	5/3/01 12:25:00 PM	INV	NA	91.5	92.5	FT	R	QBT2	8733R	5/4/01	6/6/01	1	SVOC	83-32-9	Acenaphthene	0.35	MG/KG	U	U_LAB	U					Severn Trent
21-029	Western Seep	21-11229	MD21-01-008	5/3/01 12:25:00 PM	INV	NA	91.5	92.5	FT	R	QBT2	8733R	5/4/01	6/6/01	1	SVOC	120-12-7	Anthracene	0.35	MG/KG	U	U_LAB	U					Severn Trent
21-029	Western Seep	21-11229	MD21-01-008	5/3/01 12:25:00 PM	INV	NA	91.5	92.5	FT	R	QBT2	8733R	5/4/01	6/6/01	1	SVOC	56-55-3	Benzo(a)anthracene	0.35	MG/KG	U	U_LAB	U					Severn Trent
21-029	Western Seep	21-11229	MD21-01-008	5/3/01 12:25:00 PM	INV	NA	91.5	92.5	FT	R	QBT2	8733R	5/4/01	6/6/01	1	SVOC	50-32-8	Benzo(a)pyrene	0.35	MG/KG	U	U_LAB	U					Severn Trent
21-029	Western Seep	21-11229	MD21-01-008	5/3/01 12:25:00 PM	INV	NA	91.5	92.5	FT	R	QBT2	8733R	5/4/01	6/6/01	1	SVOC	205-99-2	Benzo(b)fluoranthene	0.35	MG/KG	U	U_LAB	U					Severn Trent
21-029	Western Seep	21-11229	MD21-01-008	5/3/01 12:25:00 PM	INV	NA	91.5	92.5	FT	R	QBT2	8733R	5/4/01	6/6/01	1	SVOC	207-08-9	Benzo(k)fluoranthene	0.35	MG/KG	U	U_LAB	U					Severn Trent
21-029	Western Seep	21-11229	MD21-01-008	5/3/01 12:25:00 PM	INV	NA	91.5	92.5	FT	R	QBT2	8733R	5/4/01	6/6/01	1	SVOC	218-01-9	Chrysene	0.35	MG/KG	U	U_LAB	U					Severn Trent
21-029	Western Seep	21-11229	MD21-01-008	5/3/01 12:25:00 PM	INV	NA	91.5	92.5	FT	R	QBT2	8733R	5/4/01	6/6/01	1	SVOC	53-70-3	Dibenz(a,h)anthracene	0.35	MG/KG	U	U_LAB	U					Severn Trent
21-029	Western Seep	21-11229	MD21-01-008	5/3/01 12:25:00 PM	INV	NA	91.5	92.5	FT	R	QBT2	8733R	5/4/01	6/6/01	1	SVOC	206-44-0	Fluoranthene	0.35	MG/KG	U	U_LAB	U					Severn Trent
21-029	Western Seep	21-11229	MD21-01-008	5/3/01 12:25:00 PM	INV	NA	91.5	92.5	FT	R	QBT2	8733R	5/4/01	6/6/01	1	SVOC	86-73-7	Fluorene	0.35	MG/KG	U	U_LAB	U					Severn Trent
21-029	Western Seep	21-11229	MD21-01-008	5/3/01 12:25:00 PM	INV	NA	91.5	92.5	FT	R	QBT2	8733R	5/4/01	6/6/01	1	SVOC	91-57-6	Methylnaphthalene[2-]	0.35	MG/KG	U	U_LAB	U					Severn Trent
21-029	Western Seep	21-11229	MD21-01-008	5/3/01 12:25:00 PM	INV	NA	91.5	92.5	FT	R	QBT2	8733R	5/4/01	6/6/01	1	SVOC	91-20-3	Naphthalene	0.35	MG/KG	U	U_LAB	U					Severn Trent
21-029	Western Seep	21-11229	MD21-01-008	5/3/01 12:25:00 PM	INV	NA	91.5	92.5	FT	R	QBT2	8733R	5/4/01	6/6/01	1	SVOC	85-01-8	Phenanthrene	0.35	MG/KG	U	U_LAB	U					Severn Trent
21-029	Western Seep	21-11229	MD21-01-008	5/3/01 12:25:00 PM	INV	NA	91.5	92.5	FT	R	QBT2	8733R	5/4/01	6/6/01	1	SVOC	129-00-0	Pyrene	1.7	MG/KG	U	U_LAB	U					Severn Trent
21-029	Western Seep	21-11229	MD21-01-008	5/3/01 12:25:00 PM	INV	NA	91.5	92.5	FT	R	QBT2	8733R	5/4/01	5/29/01	1	TPH_DRO	DRO	Diesel Range Organics	26	MG/KG	UJ	DRO9	U	UJ	DRO9			Severn Trent
21-029	Western Seep	21-11229	MD21-01-008	5/3/01 12:25:00 PM	INV	NA	91.5	92.5	FT	R	QBT2	8733R	5/4/01	5/17/01	1	TPH_GRO	GRO	Gasoline Range Organics	0.11	MG/KG	U	U_LAB	U					Severn Trent
21-029	Western Seep	21-11229	MD21-01-008	5/3/01 12:25:00 PM	INV	NA	91.5	92.5	FT	R	QBT2	8733R	5/4/01	5/17/01	1.18	VOC	71-43-2	Benzene	0.0062	MG/KG	U	U_LAB	U					Severn Trent
21-029	Western Seep	21-11229	MD21-01-008	5/3/01 12:25:00 PM	INV	NA	91.5	92.5	FT	R	QBT2	8733R	5/4/01	5/17/01	1.18	VOC	100-41-4	Ethylbenzene	0.0062	MG/KG	U	U_LAB	U					Severn Trent
21-029	Western Seep	21-11229	MD21-01-008	5/3/01 12:25:00 PM	INV	NA	91.5	92.5	FT	R	QBT2	8733R	5/4/01	5/17/01	1.18	VOC	108-88-3	Toluene	0.0062	MG/KG	U	U_LAB	U					Severn Trent
21-029	Western Seep	21-11229	MD21-01-008	5/3/01 12:25:00 PM	INV	NA	91.5	92.5	FT	R	QBT2	8733R	5/4/01	5/17/01	1.18	VOC	1330-20-7	Xylene (Total)	0.0062	MG/KG	U	U_LAB	U					Severn Trent
21-029	Western Seep	21-11229	MD21-01-008	5/3/01 12:25:00 PM	INV	NA	91.5	92.5	FT	R	QBT2	8733R	5/4/01	5/17/01	1.18	VOC	95-47-6	Xylene[1,2-]	0.0031	MG/KG	U	U_LAB	U					Severn Trent
21-029	Western Seep	21-11230	MD21-01-009	5/7/01 11:10:00 AM	INV	NA	39	39.5	FT	R	QBT3	8768R	5/8/01	6/6/01	1	LEAD	PB	Lead	5.3	MG/KG			*	PM	I13B	PM	I16B	Severn Trent
21-029	Western Seep	21-11230	MD21-01-009	5/7/01 11:10:00 AM	INV	NA	39	39.5	FT	R	QBT3	8767R	5/8/01	6/6/01	1	SVOC	83-32-9	Acenaphthene	0.37	MG/KG	U	U_LAB	U					Severn Trent
21-029	Western Seep	21-11230	MD21-01-009	5/7/01 11:10:00 AM	INV	NA	39	39.5	FT	R	QBT3	8767R	5/8/01	6/6/01	1	SVOC	120-12-7	Anthracene	0.37	MG/KG	U	U_LAB	U					Severn Trent
21-029	Western Seep	21-11230	MD21-01-009	5/7/01 11:10:00 AM	INV	NA	39	39.5	FT	R	QBT3	8767R	5/8/01	6/6/01	1	SVOC	56-55-3	Benzo(a)anthracene	0.37	MG/KG	U	U_LAB	U					Severn Trent
21-029	Western Seep	21-11230	MD21-01-009	5/7/01 11:10:00 AM	INV	NA	39	39.5	FT	R	QBT3	8767R	5/8/01	6/6/01	1	SVOC	50-32-8	Benzo(a)pyrene	0.37	MG/KG	U	U_LAB	U					Severn Trent
21-029	Western Seep	21-11230	MD21-01-009	5/7/01 11:10:00 AM	INV	NA	39	39.5	FT	R	QBT3	8767R	5/8/01	6/6/01	1	SVOC	205-99-2	Benzo(b)fluoranthene	0.37	MG/KG	U	U_LAB	U					Severn Trent
21-029	Western Seep	21-11230	MD21-01-009	5/7/01 11:10:00 AM	INV	NA	39	39.5	FT	R	QBT3	8767R	5/8/01	6/6/01	1	SVOC	207-08-9	Benzo(k)fluoranthene	0.37	MG/KG	U	U_LAB	U					Severn Trent
21-029	Western Seep	21-11230	MD21-01-009	5/7/01 11:10:00 AM	INV	NA	39	39.5	FT	R	QBT3	8767R	5/8/01	6/6/01	1	SVOC	218-01-9	Chrysene	0.37	MG/KG	U	U_LAB	U					Severn Trent
21-029	Western Seep	21-11230	MD21-01-009	5/7/01 11:10:00 AM	INV	NA	39	39.5	FT	R	QBT3	8767R	5/8/01	6/6/01	1	SVOC	53-70-3	Dibenz(a,h)anthracene	0.37	MG/KG	U	U_LAB	U					Severn Trent
21-029	Western Seep	21-11230	MD21-01-009	5/7/01 11:10:00 AM	INV	NA	39	39.5	FT	R	QBT3	8767R	5/8/01	6/6/01	1	SVOC	206-44-0	Fluoranthene	0.37	MG/KG	U	U_LAB	U					Severn Trent
21-029	Western Seep	21-11230	MD21-01-009	5/7/01 11:10:00 AM	INV	NA	39	39.5	FT	R	QBT3	8767R	5/8/01	6/6/01	1	SVOC	86-73-7	Fluorene	0.37	MG/KG	U	U_LAB	U					Severn Trent
21-029	Western Seep	21-11230	MD21-01-009	5/7/01 11:10:00 AM	INV	NA	39	39.5	FT	R	QBT3	8767R	5/8/01	6/6/01	1	SVOC	91-57-6	Methylnaphthalene[2-]	0.37	MG/KG	U	U_LAB	U					Severn Trent
21-029	Western Seep	21-11230	MD21-01-009	5/7/01 11:10:00 AM	INV	NA	39	39.5	FT	R	QBT3	8767R	5/8/01	6/6/01	1	SVOC	91-20-3	Naphthalene	0.37	MG/KG	U	U_LAB	U					Severn Trent
21-029	Western Seep	21-11230	MD21-01-009	5/7/01 11:10:00 AM	INV	NA	39	39.5	FT	R	QBT3	8767R	5/8/01	6/6/01	1	SVOC	85-01-8	Phenanthrene	0.37	MG/KG	U	U_LAB	U					Severn Trent
21-029	Western Seep	21-11230	MD21-01-009	5/7/01 11:10:00 AM	INV	NA	39	39.5	FT	R	QBT3	8767R	5/8/01	6/6/01	1	SVOC	129-00-0	Pyrene	1.8	MG/KG	U	U_LAB	U					Severn Trent
21-029	Western Seep	21-11230	MD21-01-009	5/7/01 11:10:00 AM	INV	NA	39	39.5	FT	R	QBT3	8767R	5/8/01	5/29/01	1	TPH_DRO	DRO	Diesel Range Organics	28	MG/KG	U	U_LAB	U					Severn Trent
21-029	Western Seep	21-11230	MD21-01-009	5/7/01 11:10:00 AM	INV	NA	39	39.5	FT	R	QBT3	8767R	5/8/01	5/21/01	1	TPH_GRO	GRO	Gasoline Range Organics	0.11	MG/KG	U	U_LAB	U					Severn Trent
21-029	Western Seep	21-11230	MD21-01-009	5/7/01 11:10:00 AM	INV	NA	39	39.5	FT	R	QBT3	8767R	5/8/01	5/18/01	1.14	VOC	71-43-2	Benzene	0.0063	MG/KG	U	U_LAB	U					Severn Trent
21-029	Western Seep	21-11230	MD21-01-009	5/7/01 11:10:00 AM	INV	NA	39	39.5	FT	R	QBT3	8767R	5/8/01	5/18/01	1.14	VOC	100-41-4	Ethylbenzene	0.0063	MG/KG	U	U_LAB	U					Severn Trent
21-029	Western Seep	21-11230	MD21-01-009	5/7/01 11:10:00 AM	INV	NA	39	39.5	FT	R	QBT3	8767R	5/8/01	5/18/01	1.14	VOC	108-88-3	Toluene	0.0063	MG/KG	U	U_LAB	U					Severn Trent
21-029	Western Seep	21-11230	MD21-01-009	5/7/01 11:10:00 AM	INV	NA	39	39.5	FT	R	QBT3	8767R	5/8/01	5/18/01	1.14	VOC	1330-20-7	Xylene (Total)	0.0063	MG/KG	U	U_LAB	U					Severn Trent
21-029	Western Seep	21-11230	MD21-01-009	5/7/01 11:10:00 AM	INV	NA	39	39.5	FT	R	QBT3	8767R	5/8/01	5/18/01	1.14	VOC	95-47-6	Xylene[1,2-]	0.0032	MG/KG	U	U_LAB	U					Severn Trent
21-029	Western Seep	21-11230	MD21-01-006	5/7/01 1:40:00 PM	INV	NA	54.3	55	FT	R	QBT3	8768R	5/8/01	6/6/01	1	LEAD	PB	Lead	8.4	MG/KG			*	PM	I13B	PM	I16B	Severn Trent
21-029	Western Seep	21-11230	MD21-01-006	5/7/01 1:40:00 PM	INV	NA	54.3	55	FT	R	QBT3	8767R	5/8/01	6/6/01	1	SVOC	83-32-9	Acenaphthene	0.39	MG/KG	UJ	SV1A	U	UJ	V1A			Severn Trent
21-029	Western Seep	21-11230	MD21-01-006	5/7/01 1:40:00 PM	INV	NA	54.3	55	FT	R	QBT3	8767R	5/8/01	6/6/01	1	SVOC	120-12-7	Anthracene	0.39	MG/KG	UJ	SV1A	U	UJ	V1A			Severn Trent
21-029	Western Seep	21-11230	MD21-01-006	5/7/01 1:40:00 PM	INV	NA	54.3	55	FT	R	QBT3	8767R	5/8/01	6/6/01	1	SVOC	56-55-3	Benzo(a)anthracene	0.39	MG/KG	U	U_LAB	U					Severn Trent
21-029	Western Seep	21-11230	MD21-01-006	5/7/01 1:40:00 PM	INV	NA	54.3	55	FT	R	QBT3	8767R	5/8/01	6/6/01	1	SVOC	50-32-8	Benzo(a)pyrene	0.39	MG/KG	U	U_LAB	U					Severn Trent
21-029	Western Seep	21-11230	MD21-01-006	5/7/01 1:40:00 PM	INV	NA	54.3	55	FT	R	QBT3	8767R	5/8/01	6/6/01	1	SVOC	205-99-2	Benzo(b)fluoranthene	0.39	MG/KG	U	U_LAB	U					Severn Trent
21-029	Western Seep	21-11230	MD21-01-006	5/7/01 1:40:00 PM	INV	NA	54.3	55	FT	R	QBT3	8767R	5/8/01	6/6/01	1	SVOC	207-08-9	Benzo(k)fluoranthene	0.39	MG/KG	U	U_LAB	U					Severn Trent
21-029	Western Seep	21-11230	MD21-01-006	5/7/01 1:40:00 PM	INV	NA	54.3	55	FT	R	QBT3	8767R	5/8/01	6/6/01	1	SVOC	218-01-9	Chrysene	0.39	MG/KG	U	U_LAB	U					Severn Trent

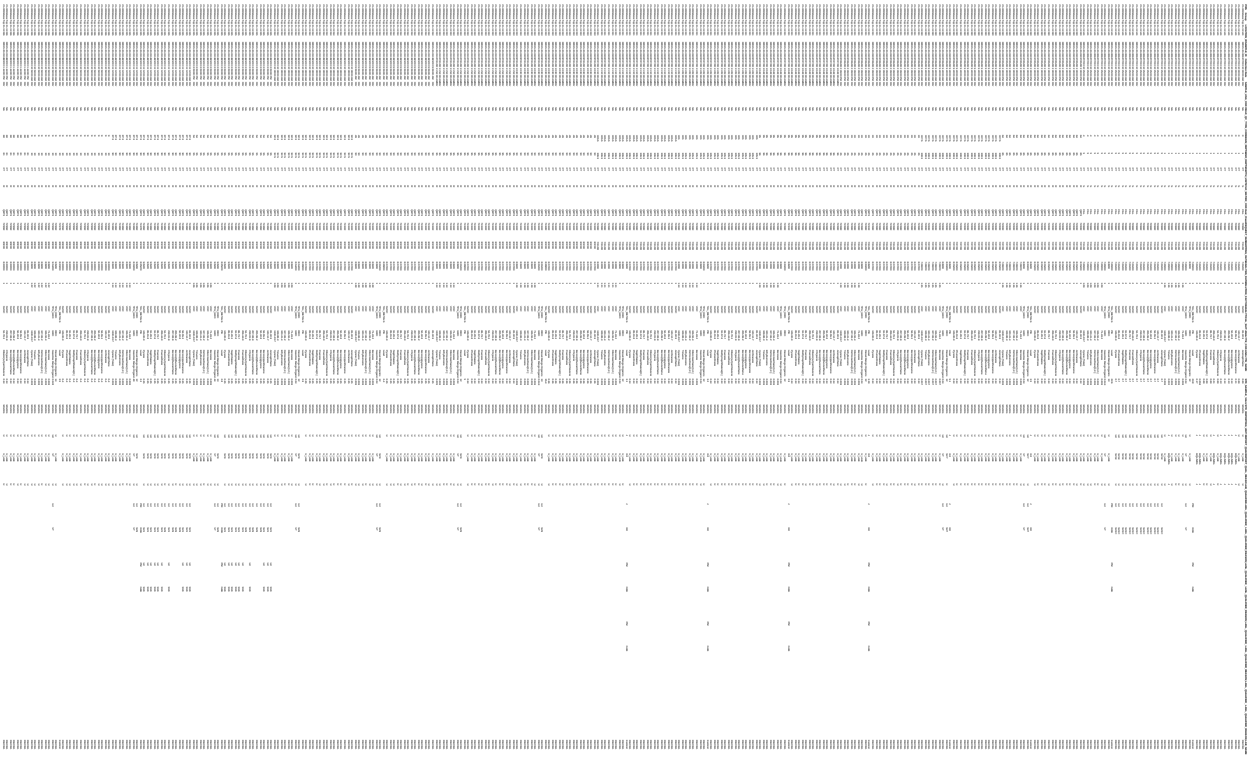
UST Analytical Results for DP Tank Farm Western Seep, PRS 21-029

21-029Western Seep	21-11241	MD21-01-011	5/22/01 9:47:00 AM	INV	NA	39	40	FT	R	QBT3	8874R	5/24/01	7/11/01	1	SVOC	207-08-9	Benzo(k)fluoranthene	0.35	MG/KG	U	U_LAB	U			Severn Trent
21-029Western Seep	21-11241	MD21-01-011	5/22/01 9:47:00 AM	INV	NA	39	40	FT	R	QBT3	8874R	5/24/01	7/11/01	1	SVOC	218-01-9	Chrysene	0.35	MG/KG	U	U_LAB	U			Severn Trent
21-029Western Seep	21-11241	MD21-01-011	5/22/01 9:47:00 AM	INV	NA	39	40	FT	R	QBT3	8874R	5/24/01	7/11/01	1	SVOC	53-70-3	Dibenz(a,h)anthracene	0.35	MG/KG	U	U_LAB	U			Severn Trent
21-029Western Seep	21-11241	MD21-01-011	5/22/01 9:47:00 AM	INV	NA	39	40	FT	R	QBT3	8874R	5/24/01	7/11/01	1	SVOC	206-44-0	Fluoranthene	0.35	MG/KG	U	U_LAB	U			Severn Trent
21-029Western Seep	21-11241	MD21-01-011	5/22/01 9:47:00 AM	INV	NA	39	40	FT	R	QBT3	8874R	5/24/01	7/11/01	1	SVOC	86-73-7	Fluorene	0.35	MG/KG	U	U_LAB	U			Severn Trent
21-029Western Seep	21-11241	MD21-01-011	5/22/01 9:47:00 AM	INV	NA	39	40	FT	R	QBT3	8874R	5/24/01	7/11/01	1	SVOC	91-57-6	Methylnaphthalene[2-]	0.35	MG/KG	U	U_LAB	U			Severn Trent
21-029Western Seep	21-11241	MD21-01-011	5/22/01 9:47:00 AM	INV	NA	39	40	FT	R	QBT3	8874R	5/24/01	7/11/01	1	SVOC	91-20-3	Naphthalene	0.35	MG/KG	U	U_LAB	U			Severn Trent
21-029Western Seep	21-11241	MD21-01-011	5/22/01 9:47:00 AM	INV	NA	39	40	FT	R	QBT3	8874R	5/24/01	7/11/01	1	SVOC	85-01-8	Phenanthrene	0.35	MG/KG	U	U_LAB	U			Severn Trent
21-029Western Seep	21-11241	MD21-01-011	5/22/01 9:47:00 AM	INV	NA	39	40	FT	R	QBT3	8874R	5/24/01	7/11/01	1	SVOC	129-00-0	Pyrene	1.7	MG/KG	U	U_LAB	U			Severn Trent
21-029Western Seep	21-11241	MD21-01-011	5/22/01 9:47:00 AM	INV	NA	39	40	FT	R	QBT3	8874R	5/24/01	6/11/01	1	TPH_DRO	DRO	Diesel Range Organics	27	MG/KG	U	U_LAB	U			Severn Trent
21-029Western Seep	21-11241	MD21-01-011	5/22/01 9:47:00 AM	INV	NA	39	40	FT	R	QBT3	8874R	5/24/01	6/4/01	1	TPH_GRO	GRO	Gasoline Range Organic	0.11	MG/KG	U	U_LAB	U			Severn Trent
21-029Western Seep	21-11241	MD21-01-011	5/22/01 9:47:00 AM	INV	NA	39	40	FT	R	QBT3	8874R	5/24/01	6/4/01	1.21	VOC	71-43-2	Benzene	0.0065	MG/KG	U	U_LAB	U			Severn Trent
21-029Western Seep	21-11241	MD21-01-011	5/22/01 9:47:00 AM	INV	NA	39	40	FT	R	QBT3	8874R	5/24/01	6/4/01	1.21	VOC	100-41-4	Ethylbenzene	0.0065	MG/KG	U	U_LAB	U			Severn Trent
21-029Western Seep	21-11241	MD21-01-011	5/22/01 9:47:00 AM	INV	NA	39	40	FT	R	QBT3	8874R	5/24/01	6/4/01	1.21	VOC	108-88-3	Toluene	0.0065	MG/KG	U	U_LAB	U			Severn Trent
21-029Western Seep	21-11241	MD21-01-011	5/22/01 9:47:00 AM	INV	NA	39	40	FT	R	QBT3	8874R	5/24/01	6/4/01	1.21	VOC	1330-20-7	Xylene (Total)	0.0065	MG/KG	U	U_LAB	U			Severn Trent
21-029Western Seep	21-11241	MD21-01-011	5/22/01 9:47:00 AM	INV	NA	39	40	FT	R	QBT3	8874R	5/24/01	6/4/01	1.21	VOC	95-47-6	Xylene[1,2-]	0.0032	MG/KG	U	U_LAB	U			Severn Trent
21-029Western Seep	21-11242	MD21-01-011	5/23/01 10:10:00 AM	INV	NA	49	50	FT	R	QBT3	8878R	5/29/01	6/22/01	1	LEAD	PB	Lead	2.5	MG/KG	J+	I3	N*	J+	I3	Severn Trent
21-029Western Seep	21-11242	MD21-01-011	5/23/01 10:10:00 AM	INV	NA	49	50	FT	R	QBT3	8877R	5/29/01	7/11/01	1	SVOC	83-32-9	Acenaphthene	0.34	MG/KG	U	U_LAB	U			Severn Trent
21-029Western Seep	21-11242	MD21-01-011	5/23/01 10:10:00 AM	INV	NA	49	50	FT	R	QBT3	8877R	5/29/01	7/11/01	1	SVOC	120-12-7	Anthracene	0.34	MG/KG	U	U_LAB	U			Severn Trent
21-029Western Seep	21-11242	MD21-01-011	5/23/01 10:10:00 AM	INV	NA	49	50	FT	R	QBT3	8877R	5/29/01	7/11/01	1	SVOC	56-55-3	Benzo(a)anthracene	0.34	MG/KG	U	U_LAB	U			Severn Trent
21-029Western Seep	21-11242	MD21-01-011	5/23/01 10:10:00 AM	INV	NA	49	50	FT	R	QBT3	8877R	5/29/01	7/11/01	1	SVOC	50-32-8	Benzo(a)pyrene	0.34	MG/KG	U	U_LAB	U			Severn Trent
21-029Western Seep	21-11242	MD21-01-011	5/23/01 10:10:00 AM	INV	NA	49	50	FT	R	QBT3	8877R	5/29/01	7/11/01	1	SVOC	205-99-2	Benzo(b)fluoranthene	0.34	MG/KG	U	U_LAB	U			Severn Trent
21-029Western Seep	21-11242	MD21-01-011	5/23/01 10:10:00 AM	INV	NA	49	50	FT	R	QBT3	8877R	5/29/01	7/11/01	1	SVOC	207-08-9	Benzo(k)fluoranthene	0.34	MG/KG	U	U_LAB	U			Severn Trent
21-029Western Seep	21-11242	MD21-01-011	5/23/01 10:10:00 AM	INV	NA	49	50	FT	R	QBT3	8877R	5/29/01	7/11/01	1	SVOC	218-01-9	Chrysene	0.34	MG/KG	U	U_LAB	U			Severn Trent
21-029Western Seep	21-11242	MD21-01-011	5/23/01 10:10:00 AM	INV	NA	49	50	FT	R	QBT3	8877R	5/29/01	7/11/01	1	SVOC	53-70-3	Dibenz(a,h)anthracene	0.34	MG/KG	U	U_LAB	U			Severn Trent
21-029Western Seep	21-11242	MD21-01-011	5/23/01 10:10:00 AM	INV	NA	49	50	FT	R	QBT3	8877R	5/29/01	7/11/01	1	SVOC	206-44-0	Fluoranthene	0.34	MG/KG	U	U_LAB	U			Severn Trent
21-029Western Seep	21-11242	MD21-01-011	5/23/01 10:10:00 AM	INV	NA	49	50	FT	R	QBT3	8877R	5/29/01	7/11/01	1	SVOC	86-73-7	Fluorene	0.34	MG/KG	U	U_LAB	U			Severn Trent
21-029Western Seep	21-11242	MD21-01-011	5/23/01 10:10:00 AM	INV	NA	49	50	FT	R	QBT3	8877R	5/29/01	7/11/01	1	SVOC	91-57-6	Methylnaphthalene[2-]	0.34	MG/KG	U	U_LAB	U			Severn Trent
21-029Western Seep	21-11242	MD21-01-011	5/23/01 10:10:00 AM	INV	NA	49	50	FT	R	QBT3	8877R	5/29/01	7/11/01	1	SVOC	91-20-3	Naphthalene	0.34	MG/KG	U	U_LAB	U			Severn Trent
21-029Western Seep	21-11242	MD21-01-011	5/23/01 10:10:00 AM	INV	NA	49	50	FT	R	QBT3	8877R	5/29/01	7/11/01	1	SVOC	85-01-8	Phenanthrene	0.34	MG/KG	U	U_LAB	U			Severn Trent
21-029Western Seep	21-11242	MD21-01-011	5/23/01 10:10:00 AM	INV	NA	49	50	FT	R	QBT3	8877R	5/29/01	7/11/01	1	SVOC	129-00-0	Pyrene	1.7	MG/KG	U	U_LAB	U			Severn Trent
21-029Western Seep	21-11242	MD21-01-011	5/23/01 10:10:00 AM	INV	NA	49	50	FT	R	QBT3	8877R	5/29/01	6/11/01	1	TPH_DRO	DRO	Diesel Range Organics	26	MG/KG	U	U_LAB	U			Severn Trent
21-029Western Seep	21-11242	MD21-01-011	5/23/01 10:10:00 AM	INV	NA	49	50	FT	R	QBT3	8877R	5/29/01	6/4/01	1	TPH_GRO	GRO	Gasoline Range Organic	0.1	MG/KG	U	U_LAB	U			Severn Trent
21-029Western Seep	21-11242	MD21-01-011	5/23/01 10:10:00 AM	INV	NA	49	50	FT	R	QBT3	8877R	5/29/01	6/4/01	1.21	VOC	71-43-2	Benzene	0.0068	MG/KG	U	U_LAB	U			Severn Trent
[illegible]																									

UST Analytical Results for DP Tank Farm Western Seep, PRS 21-029

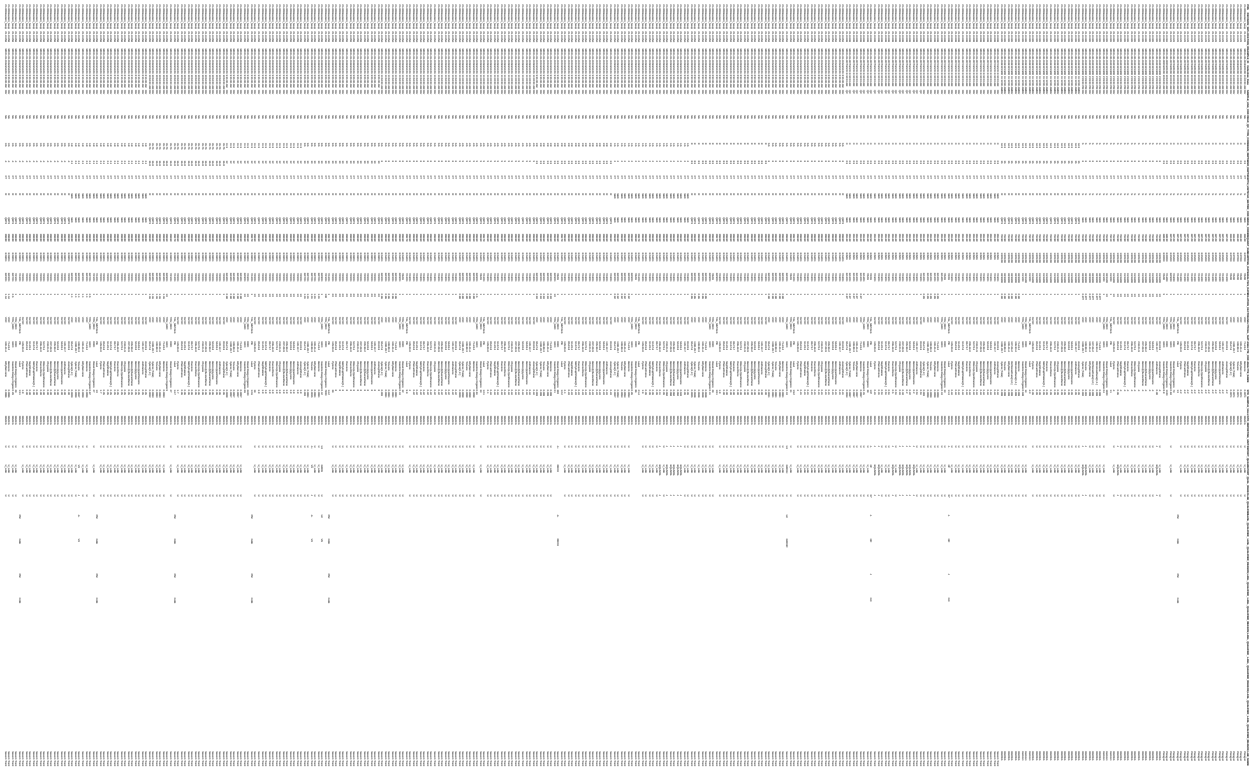
21-029Western Seep	21-11263	MD21-01-0196/21/01 11:10:00 AM	INV	NA	5.9	6.3	FT	R	QBT3	9162R	6/27/01	7/30/01	1	SVOC	86-73-7	Fluorene	0.39	MG/KG	UJ	SV12c	U	UJ	SV12C				Severn Trent
21-029Western Seep	21-11263	MD21-01-0196/21/01 11:10:00 AM	INV	NA	5.9	6.3	FT	R	QBT3	9162R	6/27/01	7/30/01	1	SVOC	91-57-6	Methylnaphthalene[2-]	0.39	MG/KG	R	SV12a	U	R	SV12A				Severn Trent
21-029Western Seep	21-11263	MD21-01-0196/21/01 11:10:00 AM	INV	NA	5.9	6.3	FT	R	QBT3	9162R	6/27/01	7/30/01	1	SVOC	91-20-3	Naphthalene	0.39	MG/KG	R	SV12a	U	R	SV12A				Severn Trent
21-029Western Seep	21-11263	MD21-01-0196/21/01 11:10:00 AM	INV	NA	5.9	6.3	FT	R	QBT3	9162R	6/27/01	7/30/01	1	SVOC	85-01-8	Phenanthrene	0.39	MG/KG	U	U_LAB	U						Severn Trent
21-029Western Seep	21-11263	MD21-01-0196/21/01 11:10:00 AM	INV	NA	5.9	6.3	FT	R	QBT3	9162R	6/27/01	7/30/01	1	SVOC	129-00-0	Pyrene	0.39	MG/KG	U	U_LAB	U						Severn Trent
21-029Western Seep	21-11263	MD21-01-0196/21/01 11:10:00 AM	INV	NA	5.9	6.3	FT	R	QBT3	9162R	6/27/01	7/14/01	100	TPH_DRO	DRO	Diesel Range Organics	3500	MG/KG									Severn Trent
21-029Western Seep	21-11263	MD21-01-0196/21/01 11:10:00 AM	INV	NA	5.9	6.3	FT	R	QBT3	9162R	6/27/01	7/3/01	2.5	TPH_GRO	GRO	Gasoline Range Organics	13	MG/KG	J-	GRO3a		J-	GRO3A				Severn Trent
21-029Western Seep	21-11263	MD21-01-0196/21/01 11:10:00 AM	INV	NA	5.9	6.3	FT	R	QBT3	9162R	6/27/01	7/5/01	0.91	VOC	71-43-2	Benzene	0.0054	MG/KG	U	U_LAB	U						Severn Trent
21-029Western Seep	21-11263	MD21-01-0196/21/01 11:10:00 AM	INV	NA	5.9	6.3	FT	R	QBT3	9162R	6/27/01	7/5/01	0.91	VOC	100-41-4	Ethylbenzene	0.028	MG/KG	J+	V3		J+	V3				Severn Trent
21-029Western Seep	21-11263	MD21-01-0196/21/01 11:10:00 AM	INV	NA	5.9	6.3	FT	R	QBT3	9162R	6/27/01	7/5/01	0.91	VOC	108-88-3	Toluene	0.0014	MG/KG	J+	V3	J	J+	V3				Severn Trent
21-029Western Seep	21-11263	MD21-01-0196/21/01 11:10:00 AM	INV	NA	5.9	6.3	FT	R	QBT3	9162R	6/27/01	7/5/01	0.91	VOC	1330-20-7	Xylene (Total)	0.049	MG/KG	J+	V3		J+	V3				Severn Trent
21-029Western Seep	21-11263	MD21-01-0196/21/01 11:10:00 AM	INV	NA	5.9	6.3	FT	R	QBT3	9162R	6/27/01	7/5/01	0.91	VOC	95-47-6	Xylene[1,2-]	0.015	MG/KG	J+	V3		J+	V3				Severn Trent
21-029Western Seep	21-11263	MD21-01-0196/22/01 8:30:00 AM	INV	NA	9.6	10.3	FT	R	QBT3	9165R	6/27/01	7/23/01	1	LEAD	PB	Lead	10.6	MG/KG	J-	I3a	N	J	I3A	PM	I14B	PM	I13B	Severn Trent
21-029Western Seep	21-11263	MD21-01-0196/22/01 8:30:00 AM	INV	NA	9.6	10.3	FT	R	QBT3	9164R	6/27/01	7/30/01	1	SVOC	83-32-9	Acenaphthene	0.36	MG/KG	UJ	SV1a	U	UJ	SV1A				Severn Trent
21-029Western Seep	21-11263	MD21-01-0196/22/01 8:30:00 AM	INV	NA	9.6	10.3	FT	R	QBT3	9164R	6/27/01	7/30/01	1	SVOC	120-12-7	Anthracene	6.9	MG/KG			E						Severn Trent
21-029Western Seep	21-11263	MD21-01-0196/22/01 8:30:00 AM	INV	NA	9.6	10.3	FT	R	QBT3	9164R	6/27/01	7/30/01	1	SVOC	56-55-3	Benzo(a)anthracene	0.36	MG/KG	UJ	SV1a	U	UJ	SV1A				Severn Trent
21-029Western Seep	21-11263	MD21-01-0196/22/01 8:30:00 AM	INV	NA	9.6	10.3	FT	R	QBT3	9164R	6/27/01	7/30/01	1	SVOC	50-32-8	Benzo(a)pyrene	0.36	MG/KG	UJ	SV1a	U	UJ	SV1A				Severn Trent
21-029Western Seep	21-11263	MD21-01-0196/22/01 8:30:00 AM	INV	NA	9.6	10.3	FT	R	QBT3	9164R	6/27/01	7/30/01	1	SVOC	205-99-2	Benzo(b)fluoranthene	0.36	MG/KG	UJ	SV1a	U	UJ	SV1A				Severn Trent
21-029Western Seep	21-11263	MD21-01-0196/22/01 8:30:00 AM	INV	NA	9.6	10.3	FT	R	QBT3	9164R	6/27/01	7/30/01	1	SVOC	207-08-9	Benzo(k)fluoranthene	0.36	MG/KG	UJ	SV1a	U	UJ	SV1A				Severn Trent
21-029Western Seep	21-11263	MD21-01-0196/22/01 8:30:00 AM	INV	NA	9.6	10.3	FT	R	QBT3	9164R	6/27/01	7/30/01	1	SVOC	218-01-9	Chrysene	0.36	MG/KG	UJ	SV1a	U	UJ	SV1A				Severn Trent
21-029Western Seep	21-11263	MD21-01-0196/22/01 8:30:00 AM	INV	NA	9.6	10.3	FT	R	QBT3	9164R	6/27/01	7/30/01	1	SVOC	53-70-3	Dibenz(a,h)anthracene	0.36	MG/KG	UJ	SV1a	U	UJ	SV1A				Severn Trent
21-029Western Seep	21-11263	MD21-01-0196/22/01 8:30:00 AM	INV	NA	9.6	10.3	FT	R	QBT3	9164R	6/27/01	7/30/01	1	SVOC	206-44-0	Fluoranthene	0.36	MG/KG	UJ	SV1a	U	UJ	SV1A				Severn Trent
21-029Western Seep	21-11263	MD21-01-0196/22/01 8:30:00 AM	INV	NA	9.6	10.3	FT	R	QBT3	9164R	6/27/01	7/30/01	1	SVOC	86-73-7	Fluorene	0.36	MG/KG	UJ	SV1a	U	UJ	SV1A				Severn Trent
21-029Western Seep	21-11263	MD21-01-0196/22/01 8:30:00 AM	INV	NA	9.6	10.3	FT	R	QBT3	9164R	6/27/01	8/2/1001	10	SVOC	91-57-6	Methylnaphthalene[2-]	27	MG/KG			D						Severn Trent
21-029Western Seep	21-11263	MD21-01-0196/22/01 8:30:00 AM	INV	NA	9.6	10.3	FT	R	QBT3	9164R	6/27/01	8/2/1001	10	SVOC	91-20-3	Naphthalene	6.8	MG/KG			D						Severn Trent
21-029Western Seep	21-11263	MD21-01-0196/22/01 8:30:00 AM	INV	NA	9.6	10.3	FT	R	QBT3	9164R	6/27/01	7/30/01	1	SVOC	85-01-8	Phenanthrene	0.36	MG/KG	UJ	SV1a	U	UJ	SV1A				Severn Trent
21-029Western Seep	21-11263	MD21-01-0196/22/01 8:30:00 AM	INV	NA	9.6	10.3	FT	R	QBT3	9164R	6/27/01	7/30/01	1	SVOC	129-00-0	Pyrene	0.36	MG/KG	UJ	SV1a	U	UJ	SV1A				Severn Trent
21-029Western Seep	21-11263	MD21-01-0196/22/01 8:30:00 AM	INV	NA	9.6	10.3	FT	R	QBT3	9164R	6/27/01	7/14/01	100	TPH_DRO	DRO	Diesel Range Organics	16000	MG/KG									Severn Trent
21-029Western Seep	21-11263	MD21-01-0196/22/01 8:30:00 AM	INV	NA	9.6	10.3	FT	R	QBT3	9164R	6/27/01	7/6/01	10	TPH_GRO	GRO	Gasoline Range Organics	41	MG/KG	J-	GRO3a		J-	GRO3A				Severn Trent
21-029Western Seep	21-11263	MD21-01-0196/22/01 8:30:00 AM	INV	NA	9.6	10.3	FT	R	QBT3	9164R	6/27/01	7/5/01	1.06	VOC	71-43-2	Benzene	0.0059	MG/KG	U	U_LAB	U						Severn Trent
21-029Western Seep	21-11263	MD21-01-0196/22/01 8:30:00 AM	INV	NA	9.6	10.3	FT	R	QBT3	9164R	6/27/01	7/6/01	1.1	VOC	100-41-4	Ethylbenzene	0.11	MG/KG	J	EQL/MDL	J						Severn Trent
21-029Western Seep	21-11263	MD21-01-0196/22/01 8:30:00 AM	INV	NA	9.6	10.3	FT	R	QBT3	9164R	6/27/01	7/5/01	1.06	VOC	108-88-3	Toluene	0.0041	MG/KG	J+	V3	J	J+	V3				Severn Trent
21-029Western Seep	21-11263	MD21-01-0196/22/01 8:30:00 AM	INV	NA	9.6	10.3	FT	R	QBT3	9164R	6/27/01	7/6/01	1.1	VOC	1330-20-7	Xylene (Total)	0.63	MG/KG									Severn Trent
21-029Western Seep	21-11263	MD21-01-0196/22/01 8:30:00 AM	INV	NA	9.6	10.3	FT	R	QBT3	9164R	6/27/01	7/6/01	1.1	VOC	95-47-6	Xylene[1,2-]	0.33	MG/KG									Severn Trent
21-029Western Seep	21-11263	MD21-01-0196/22/01 8:59:00 AM	INV	NA	11.5	12	FT	R	QBT3	9165R	6/27/01	7/23/01	1	LEAD	PB	Lead	15.4	MG/KG	J-	I3a	N	J-	I3A	PM				Severn Trent
21-029Western Seep	21-11263	MD21-01-0196/22/01 8:59:00 AM	INV	NA	11.5	12	FT	R	QBT3	9164R	6/27/01	7/30/01	1	SVOC	83-32-9	Acenaphthene	0.37	MG/KG	U	U_LAB	U						Severn Trent
21-029Western Seep	21-11263	MD21-01-0196/22/01 8:59:00 AM	INV	NA	11.5	12	FT	R	QBT3	9164R	6/27/01	7/30/01	1	SVOC	120-12-7	Anthracene	0.37	MG/KG	U	U_LAB	U						Severn Trent
21-029Western Seep	21-11263	MD21-01-0196/22/01 8:59:00 AM	INV	NA	11.5	12	FT	R	QBT3	9164R	6/27/01	7/30/01	1	SVOC	56-55-3	Benzo(a)anthracene	0.37	MG/KG	U	U_LAB	U						Severn Trent
21-029Western Seep	21-11263	MD21-01-0196/22/01 8:59:00 AM	INV	NA	11.5	12	FT	R	QBT3	9164R	6/27/01	7/30/01	1	SVOC	50-32-8	Benzo(a)pyrene	0.37	MG/KG	U	U_LAB	U						Severn Trent

FY-2009Gas1Gas1_SL-1A30	08/01/2009 00:00:00-08/31/2009 23:59:59	Mo	0.5	2	27	0	QBF1	31700	7200	31200	5	0.000	30.4111	Gas01Gas1	1.0	38.0000	1	0_1.180	0					Saved Thurs
FY-2009Gas1Gas1_SL-1A30	08/01/2009 00:00:00-08/31/2009 23:59:59	Mo	0.5	2	27	0	QBF1	31700	7200	31200	5	0.000	30.4111	Gas01Gas1	1.0	38.0000	1	0_1.180	0					Saved Thurs
FY-2009Gas1Gas1_SL-1A30	08/01/2009 00:00:00-08/31/2009 23:59:59	Mo	0.5	2	27	0	QBF1	31700	7200	7200	0.00	0.000	30.4111	Gas01Gas1	1.0	0.0000	1	0_1.180	0					Saved Thurs
FY-2009Gas1Gas1_SL-1A30	08/01/2009 00:00:00-08/31/2009 23:59:59	Mo	0.5	2	27	0	QBF1	31700	7200	7200	0.00	Long_term	30.4111	Gas01Gas1	1.0	0.0000	1	0_1.180	0					Saved Thurs
FY-2009Gas1Gas1_SL-1A30	08/01/2009 00:00:00-08/31/2009 23:59:59	Mo	0.5	2	27	0	QBF1	31700	7200	7200	0.00	0.000	30.4111	Gas01Gas1	1.0	0.0000	1	0_1.180	0					Saved Thurs
FY-2009Gas1Gas1_SL-1A30	08/01/2009 00:00:00-08/31/2009 23:59:59	Mo	0.5	2	27	0	QBF1	31700	7200	7200	0.00	0.000	30.4111	Gas01Gas1	1.0	0.0000	1	0_1.180	0					Saved Thurs
FY-2009Gas1Gas1_SL-1A30	08/01/2009 00:00:00-08/31/2009 23:59:59	Mo	0.5	2	27	0	QBF1	31700	7200	7200	0.00	0.000	30.4111	Gas01Gas1	1.0	0.0000	1	0_1.180	0					Saved Thurs
FY-2009Gas1Gas1_SL-1A30	08/01/2009 00:00:00-08/31/2009 23:59:59	Mo	0.5	2	27	0	QBF1	31700	7200	7200	0.00	0.000	30.4111	Gas01Gas1	1.0	0.0000	1	0_1.180	0					Saved Thurs
FY-2009Gas1Gas1_SL-1A30	08/01/2009 00:00:00-08/31/2009 23:59:59	Mo	0.5	2	27	0	QBF1	31700	7200	7200	0.00	0.000	30.4111	Gas01Gas1	1.0	0.0000	1	0_1.180	0					Saved Thurs
FY-2009Gas1Gas1_SL-1A30	08/01/2009 00:00:00-08/31/2009 23:59:59	Mo	0.5	2	27	0	QBF1	31700	7200	7200	0.00	0.000	30.4111	Gas01Gas1	1.0	0.0000	1	0_1.180	0					Saved Thurs
FY-2009Gas1Gas1_SL-1A30	08/01/2009 00:00:00-08/31/2009 23:59:59	Mo	0.5	2	27	0	QBF1	31700	7200	7200	0.00	0.000	30.4111	Gas01Gas1	1.0	0.0000	1	0_1.180	0					Saved Thurs
FY-2009Gas1Gas1_SL-1A30	08/01/2009 00:00:00-08/31/2009 23:59:59	Mo	0.5	2	27	0	QBF1	31700	7200	7200	0.00	0.000	30.4111	Gas01Gas1	1.0	0.0000	1	0_1.180	0					Saved Thurs



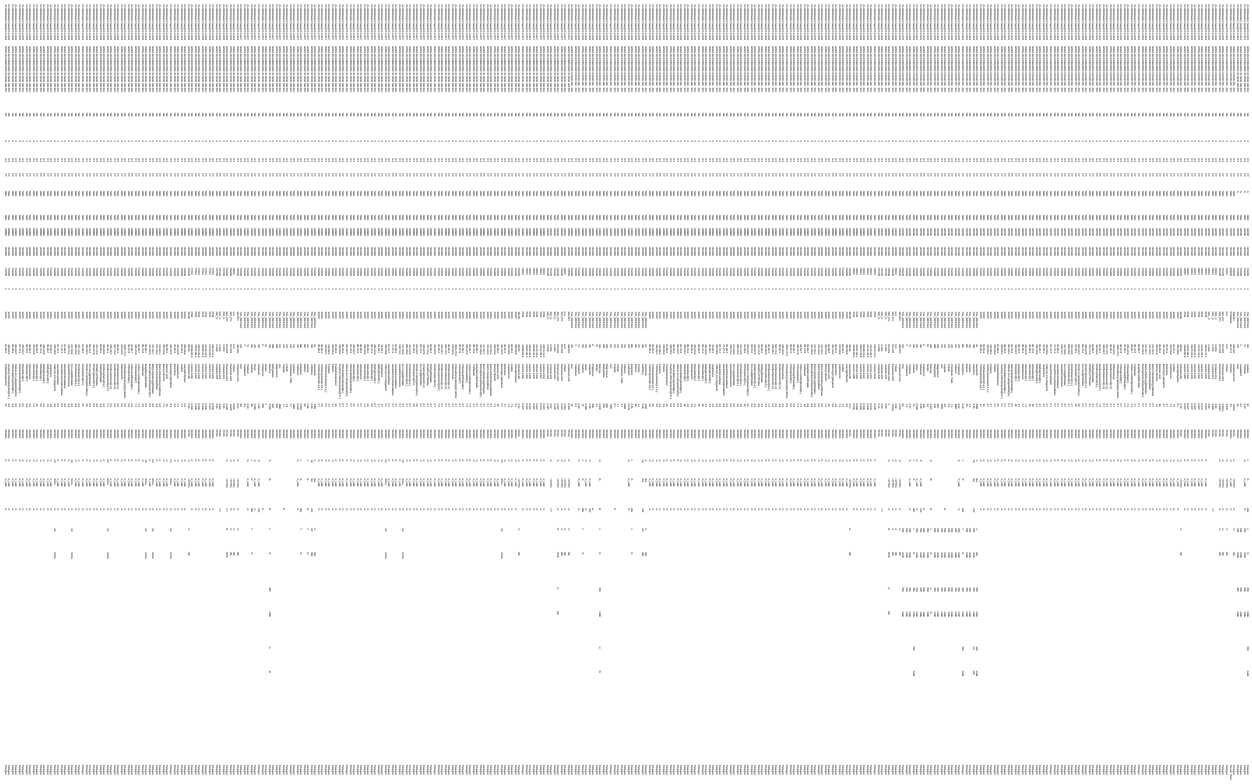
21-029	Mesa Top	21-11156	MD21-00-0116	8/2/00 1:44:00 PM	INV	NA	60	61	FT	R	QBT3	7255R	8/8/00	8/22/00	1	SVOC	206-44-0	Fluoranthene	0.34	MG/KG	U	U_LAB	U			RECRA
21-029	Mesa Top	21-11156	MD21-00-0116	8/2/00 1:44:00 PM	INV	NA	60	61	FT	R	QBT3	7255R	8/8/00	8/22/00	1	SVOC	86-73-7	Fluorene	0.34	MG/KG	U	U_LAB	U			RECRA
21-029	Mesa Top	21-11156	MD21-00-0116	8/2/00 1:44:00 PM	INV	NA	60	61	FT	R	QBT3	7255R	8/8/00	8/22/00	1	SVOC	91-57-6	Methylnaphthalene[2-]	0.34	MG/KG	U	U_LAB	U			RECRA
21-029	Mesa Top	21-11156	MD21-00-0116	8/2/00 1:44:00 PM	INV	NA	60	61	FT	R	QBT3	7255R	8/8/00	8/22/00	1	SVOC	91-20-3	Naphthalene	0.34	MG/KG	U	U_LAB	U			RECRA
21-029	Mesa Top	21-11156	MD21-00-0116	8/2/00 1:44:00 PM	INV	NA	60	61	FT	R	QBT3	7255R	8/8/00	8/22/00	1	SVOC	85-01-8	Phenanthrene	0.34	MG/KG	U	U_LAB	U			RECRA
21-029	Mesa Top	21-11156	MD21-00-0116	8/2/00 1:44:00 PM	INV	NA	60	61	FT	R	QBT3	7255R	8/8/00	8/22/00	1	SVOC	129-00-0	Pyrene	0.34	MG/KG	U	U_LAB	U			RECRA
21-029	Mesa Top	21-11156	MD21-00-0116	8/2/00 1:44:00 PM	INV	NA	60	61	FT	R	QBT3	7257R	8/8/00	8/23/00	1	TAL_METALS	PB	Lead	2.5	MG/KG						Kemron
21-029	Mesa Top	21-11156	MD21-00-0116	8/2/00 1:44:00 PM	INV	NA	60	61	FT	R	QBT3	7255R	8/8/00	9/5/00	1	TPH_DRO	DRO	Diesel Range Organics	12	MG/KG	U	U_LAB	U			RECRA
21-029	Mesa Top	21-11156	MD21-00-0116	8/2/00 1:44:00 PM	INV	NA	60	61	FT	R	QBT3	7255R	8/8/00	8/14/00	1	TPH_GRO	GRO	Gasoline Range Organic	0.04	MG/KG	UJ	V7	U	UJ	V7	RECRA
21-029	Mesa Top	21-11156	MD21-00-0116	8/2/00 1:44:00 PM	INV	NA	60	61	FT	R	QBT3	7255R	8/8/00	8/9/00	1.16	VOC	71-43-2	Benzene	0.006	MG/KG	U	U_LAB	U			RECRA
21-029	Mesa Top	21-11156	MD21-00-0116	8/2/00 1:44:00 PM	INV	NA	60	61	FT	R	QBT3	7255R	8/8/00	8/9/00	1.16	VOC	106-93-4	Dibromoethane[1,2-]	0.006	MG/KG	U	U_LAB	U			RECRA
21-029	Mesa Top	21-11156	MD21-00-0116	8/2/00 1:44:00 PM	INV	NA	60	61	FT	R	QBT3	7255R	8/8/00	8/9/00	1.16	VOC	107-06-2	Dichloroethane[1,2-]	0.006	MG/KG	U	U_LAB	U			RECRA
21-029	Mesa Top	21-11156	MD21-00-0116	8/2/00 1:44:00 PM	INV	NA	60	61	FT	R	QBT3	7255R	8/8/00	8/9/00	1.16	VOC	100-41-4	Ethylbenzene	0.006	MG/KG	U	U_LAB	U			RECRA
21-029	Mesa Top	21-11156	MD21-00-0116	8/2/00 1:44:00 PM	INV	NA	60	61	FT	R	QBT3	7255R	8/8/00	8/9/00	1.16	VOC	108-88-3	Toluene	0.006	MG/KG	U	U_LAB	U			RECRA
21-029	Mesa Top	21-11156	MD21-00-0116	8/2/00 1:44:00 PM	INV	NA	60	61	FT	R	QBT3	7255R	8/8/00	8/9/00	1.16	VOC	1330-20-7	Xylene (Total)	0.006	MG/KG	U	U_LAB	U			RECRA
21-029	Mesa Top	21-11156	MD21-00-0117	8/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/22/00	1	SVOC	83-32-9	Acenaphthene	0.34	MG/KG	U	U_LAB	U			RECRA
21-029	Mesa Top	21-11156	MD21-00-0117	8/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/22/00	1	SVOC	120-12-7	Anthracene	0.34	MG/KG	U	U_LAB	U			RECRA
21-029	Mesa Top	21-11156	MD21-00-0117	8/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/22/00	1	SVOC	56-55-3	Benzo(a)anthracene	0.34	MG/KG	U	U_LAB	U			RECRA
21-029	Mesa Top	21-11156	MD21-00-0117	8/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/22/00	1	SVOC	50-32-8	Benzo(a)pyrene	0.34	MG/KG	U	U_LAB	U			RECRA
21-029	Mesa Top	21-11156	MD21-00-0117	8/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/22/00	1	SVOC	205-99-2	Benzo(b)fluoranthene	0.34	MG/KG	U	U_LAB	U			RECRA
21-029	Mesa Top	21-11156	MD21-00-0117	8/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/22/00	1	SVOC	207-08-9	Benzo(k)fluoranthene	0.34	MG/KG	U	U_LAB	U			RECRA
21-029	Mesa Top	21-11156	MD21-00-0117	8/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/22/00	1	SVOC	218-01-9	Chrysene	0.34	MG/KG	U	U_LAB	U			RECRA
21-029	Mesa Top	21-11156	MD21-00-0117	8/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/22/00	1	SVOC	53-70-3	Dibenz(a,h)anthracene	0.34	MG/KG	U	U_LAB	U			RECRA
21-029	Mesa Top	21-11156	MD21-00-0117	8/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/22/00	1	SVOC	206-44-0	Fluoranthene	0.34	MG/KG	U	U_LAB	U			RECRA
21-029	Mesa Top	21-11156	MD21-00-0117	8/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/22/00	1	SVOC	86-73-7	Fluorene	0.34	MG/KG	U	U_LAB	U			RECRA
21-029	Mesa Top	21-11156	MD21-00-0117	8/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/22/00	1	SVOC	91-57-6	Methylnaphthalene[2-]	0.34	MG/KG	U	U_LAB	U			RECRA
21-029	Mesa Top	21-11156	MD21-00-0117	8/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/22/00	1	SVOC	91-20-3	Naphthalene	0.34	MG/KG	U	U_LAB	U			RECRA
21-029	Mesa Top	21-11156	MD21-00-0117	8/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/22/00	1	SVOC	85-01-8	Phenanthrene	0.34	MG/KG	U	U_LAB	U			RECRA
21-029	Mesa Top	21-11156	MD21-00-0117	8/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/22/00	1	SVOC	129-00-0	Pyrene	0.34	MG/KG	U	U_LAB	U			RECRA
21-029	Mesa Top	21-11156	MD21-00-0117	8/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7257R	8/8/00	8/23/00	1	TAL_METALS	PB	Lead	2.7	MG/KG						Kemron
21-029	Mesa Top	21-11156	MD21-00-0117	8/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	9/5/00	1	TPH_DRO	DRO	Diesel Range Organics	12	MG/KG	U	U_LAB	U			RECRA
21-029	Mesa Top	21-11156	MD21-00-0117	8/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/14/00	1	TPH_GRO	GRO	Gasoline Range Organic	0.04	MG/KG	UJ	V7	U	UJ	V7	RECRA
21-029	Mesa Top	21-11156	MD21-00-0117	8/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/9/00		VOC	71-43-2	Benzene	0.006	MG/KG	U	U_LAB	U			RECRA
21-029	Mesa Top	21-11156	MD21-00-0117	8/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/9/00		VOC	106-93-4	Dibromoethane[1,2-]	0.006	MG/KG	U	U_LAB	U			RECRA
21-029	Mesa Top	21-11156	MD21-00-0117	8/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/9/00		VOC	107-06-2	Dichloroethane[1,2-]	0.006	MG/KG	U	U_LAB	U			RECRA
21-029	Mesa Top	21-11156	MD21-00-0117	8/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/9/00		VOC	100-41-4	Ethylbenzene	0.006	MG/KG	U	U_LAB	U			RECRA
21-029	Mesa Top	21-11156	MD21-00-0117	8/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/9/00		VOC	108-88-3	Toluene	0.006	MG/KG	U	U_LAB	U			RECRA
21-029	Mesa Top	21-11156	MD21-00-0117	8/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/9/00		VOC	1330-20-7	Xylene (Total)	0.006	MG/KG	U	U_LAB	U			RECRA
21-029	Mesa Top	21-11240	MD21-01-0070	5/21/01 1:50:00 PM	INV	NA	93	94	FT	R	QBT3	8859R	5/22/01	7/7/01	1	SVOC	83-32-9	Acenaphthene	0.34	MG/KG	U	U_LAB	U			Severn Trent
[illegible]																										

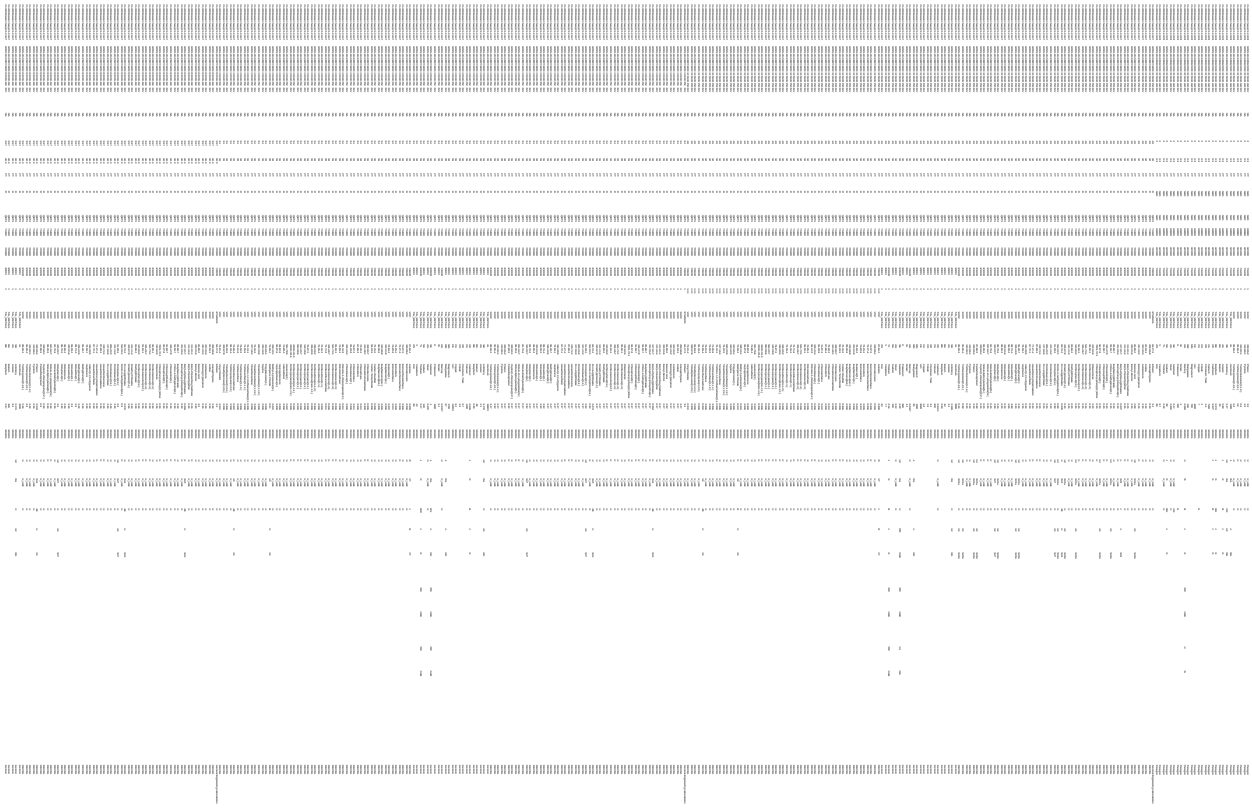
21-029Mesa Top21-11245	MD21-01-01225/29/01 1:40:00 PM	INV	NA	84	85	FT	R	QBT3	8900R	5/31/01	7/16/01	1	SVOC	218-01-9	Chrysene	0.34	MG/KG	U	U_LAB	U									Severn Trent
21-029Mesa Top21-11245	MD21-01-01225/29/01 1:40:00 PM	INV	NA	84	85	FT	R	QBT3	8900R	5/31/01	7/16/01	1	SVOC	53-70-3	Dibenz(a,h)anthracene	0.34	MG/KG	U	U_LAB	U									Severn Trent
21-029Mesa Top21-11245	MD21-01-01225/29/01 1:40:00 PM	INV	NA	84	85	FT	R	QBT3	8900R	5/31/01	7/16/01	1	SVOC	206-44-0	Fluoranthene	0.34	MG/KG	U	U_LAB	U									Severn Trent
21-029Mesa Top21-11245	MD21-01-01225/29/01 1:40:00 PM	INV	NA	84	85	FT	R	QBT3	8900R	5/31/01	7/16/01	1	SVOC	86-73-7	Fluorene	0.34	MG/KG	U	U_LAB	U									Severn Trent
21-029Mesa Top21-11245	MD21-01-01225/29/01 1:40:00 PM	INV	NA	84	85	FT	R	QBT3	8900R	5/31/01	7/16/01	1	SVOC	91-57-6	Methylnaphthalene[2-]	0.34	MG/KG	U	U_LAB	U									Severn Trent
21-029Mesa Top21-11245	MD21-01-01225/29/01 1:40:00 PM	INV	NA	84	85	FT	R	QBT3	8900R	5/31/01	7/16/01	1	SVOC	91-20-3	Naphthalene	0.34	MG/KG	U	U_LAB	U									Severn Trent
21-029Mesa Top21-11245	MD21-01-01225/29/01 1:40:00 PM	INV	NA	84	85	FT	R	QBT3	8900R	5/31/01	7/16/01	1	SVOC	85-01-8	Phenanthrene	0.34	MG/KG	U	U_LAB	U									Severn Trent
21-029Mesa Top21-11245	MD21-01-01225/29/01 1:40:00 PM	INV	NA	84	85	FT	R	QBT3	8900R	5/31/01	7/16/01	1	SVOC	129-00-0	Pyrene	1.7	MG/KG	U	U_LAB	U									Severn Trent
21-029Mesa Top21-11245	MD21-01-01225/29/01 1:40:00 PM	INV	NA	84	85	FT	R	QBT3	8901R	5/31/01	6/22/01	1	TAL_METALS	PB	Lead	5	MG/KG	J+	I3	N*	J+	I3	PM	I13B	PM	I14B			Severn Trent
21-029Mesa Top21-11245	MD21-01-01225/29/01 1:40:00 PM	INV	NA	84	85	FT	R	QBT3	8900R	5/31/01	7/5/01	1	TPH_DRO	DRO	Diesel Range Organics	16	MG/KG	J	EQL/MDL	J									Severn Trent
21-029Mesa Top21-11245	MD21-01-01225/29/01 1:40:00 PM	INV	NA	84	85	FT	R	QBT3	8900R	5/31/01	6/7/01	10	TPH_GRO	GRO	Gasoline Range Organic	1	MG/KG	U	U_LAB	U									Severn Trent
21-029Mesa Top21-11245	MD21-01-01225/29/01 1:40:00 PM	INV	NA	84	85	FT	R	QBT3	8900R	5/31/01	6/5/01	1.18	VOC	71-43-2	Benzene	0.0062	MG/KG	U	U_LAB	U									Severn Trent
21-029Mesa Top21-11245	MD21-01-01225/29/01 1:40:00 PM	INV	NA	84	85	FT	R	QBT3	8900R	5/31/01	6/5/01	1.18	VOC	100-41-4	Ethylbenzene	0.0062	MG/KG	U	U_LAB	U									Severn Trent
21-029Mesa Top21-11245	MD21-01-01225/29/01 1:40:00 PM	INV	NA	84	85	FT	R	QBT3	8900R	5/31/01	6/5/01	1.18	VOC	108-88-3	Toluene	0.0062	MG/KG	U	U_LAB	U									Severn Trent
21-029Mesa Top21-11245	MD21-01-01225/29/01 1:40:00 PM	INV	NA	84	85	FT	R	QBT3	8900R	5/31/01	6/5/01	1.18	VOC	1330-20-7	Xylene (Total)	0.0062	MG/KG	U	U_LAB	U									Severn Trent
21-029Mesa Top21-11245	MD21-01-01225/29/01 1:40:00 PM	INV	NA	84	85	FT	R	QBT3	8900R	5/31/01	6/5/01	1.18	VOC	95-47-6	Xylene[1,2-]	0.0031	MG/KG	U	U_LAB	U									Severn Trent
21-029Mesa Top21-11245	MD21-01-01345/30/01 8:25:00 AM	INV	NA	89	90	FT	R	QBT3	8900R	5/31/01	7/16/01	1	SVOC	83-32-9	Acenaphthene	0.34	MG/KG	U	U_LAB	U									Severn Trent
21-029Mesa Top21-11245	MD21-01-01345/30/01 8:25:00 AM	INV	NA	89	90	FT	R	QBT3	8900R	5/31/01	7/16/01	1	SVOC	120-12-7	Anthracene	0.34	MG/KG	U	U_LAB	U									Severn Trent
21-029Mesa Top21-11245	MD21-01-01345/30/01 8:25:00 AM	INV	NA	89	90	FT	R	QBT3	8900R	5/31/01	7/16/01	1	SVOC	56-55-3	Benzo(a)anthracene	0.34	MG/KG	U	U_LAB	U									Severn Trent
21-029Mesa Top21-11245	MD21-01-01345/30/01 8:25:00 AM	INV	NA	89	90	FT	R	QBT3	8900R	5/31/01	7/16/01	1	SVOC	50-32-8	Benzo(a)pyrene	0.34	MG/KG	U	U_LAB	U									Severn Trent
21-029Mesa Top21-11245	MD21-01-01345/30/01 8:25:00 AM	INV	NA	89	90	FT	R	QBT3	8900R	5/31/01	7/16/01	1	SVOC	205-99-2	Benzo(b)fluoranthene	0.34	MG/KG	U	U_LAB	U									Severn Trent
21-029Mesa Top21-11245	MD21-01-01345/30/01 8:25:00 AM	INV	NA	89	90	FT	R	QBT3	8900R	5/31/01	7/16/01	1	SVOC	207-08-9	Benzo(k)fluoranthene	0.34	MG/KG	U	U_LAB	U									Severn Trent
21-029Mesa Top21-11245	MD21-01-01345/30/01 8:25:00 AM	INV	NA	89	90	FT	R	QBT3	8900R	5/31/01	7/16/01	1	SVOC	218-01-9	Chrysene	0.34	MG/KG	U	U_LAB	U									Severn Trent
21-029Mesa Top21-11245	MD21-01-01345/30/01 8:25:00 AM	INV	NA	89	90	FT	R	QBT3	8900R	5/31/01	7/16/01	1	SVOC	53-70-3	Dibenz(a,h)anthracene	0.34	MG/KG	U	U_LAB	U									Severn Trent
21-029Mesa Top21-11245	MD21-01-01345/30/01 8:25:00 AM	INV	NA	89	90	FT	R	QBT3	8900R	5/31/01	7/16/01	1	SVOC	206-44-0	Fluoranthene	0.34	MG/KG	U	U_LAB	U									Severn Trent
21-029Mesa Top21-11245	MD21-01-01345/30/01 8:25:00 AM	INV	NA	89	90	FT	R	QBT3	8900R	5/31/01	7/16/01	1	SVOC	86-73-7	Fluorene	0.34	MG/KG	U	U_LAB	U									Severn Trent
21-029Mesa Top21-11245	MD21-01-01345/30/01 8:25:00 AM	INV	NA	89	90	FT	R	QBT3	8900R	5/31/01	7/16/01	1	SVOC	91-57-6	Methylnaphthalene[2-]	0.34	MG/KG	U	U_LAB	U									Severn Trent
21-029Mesa Top21-11245	MD21-01-01345/30/01 8:25:00 AM	INV	NA	89	90	FT	R	QBT3	8900R	5/31/01	7/16/01	1	SVOC	91-20-3	Naphthalene	0.34	MG/KG	U	U_LAB	U									Severn Trent
21-029Mesa Top21-11245	MD21-01-01345/30/01 8:25:00 AM	INV	NA	89	90	FT	R	QBT3	8900R	5/31/01	7/16/01	1	SVOC	85-01-8	Phenanthrene	0.34	MG/KG	U	U_LAB	U									Severn Trent
21-029Mesa Top21-11245	MD21-01-01345/30/01 8:25:00 AM	INV	NA	89	90	FT	R	QBT3	8900R	5/31/01	7/16/01	1	SVOC	129-00-0	Pyrene	1.7	MG/KG	U	U_LAB	U									Severn Trent
21-029Mesa Top21-11245	MD21-01-01345/30/01 8:25:00 AM	INV	NA	89	90	FT	R	QBT3	8901R	5/31/01	6/22/01	1	TAL_METALS	PB	Lead	7.6	MG/KG	J+	I3	N*	J+	I3	PM	I13B	PM	I14B			Severn Trent
21-029Mesa Top21-11245	MD21-01-01345/30/01 8:25:00 AM	INV	NA	89	90	FT	R	QBT3	8900R	5/31/01	7/5/01	1	TPH_DRO	DRO	Diesel Range Organics	20	MG/KG	J	EQL/MDL	J									Severn Trent
21-029Mesa Top21-11245	MD21-01-01345/30/01 8:25:00 AM	INV	NA	89	90	FT	R	QBT3	8900R	5/31/01	6/7/01	10	TPH_GRO	GRO	Gasoline Range Organic	1	MG/KG	U	U_LAB	U									Severn Trent
21-029Mesa Top21-11245	MD21-01-01345/30/01 8:25:00 AM	INV	NA	89	90	FT	R	QBT3	8900R	5/31/01	6/5/01	1.2	VOC	71-43-2	Benzene	0.0062	MG/KG	U	U_LAB	U									Severn Trent
21-029Mesa Top21-11245	MD21-01-01345/30/01 8:25:00 AM	INV	NA	89	90	FT	R	QBT3	8900R	5/31/01	6/5/01	1.2	VOC	100-41-4	Ethylbenzene	0.0062	MG/KG	U	U_LAB	U									Severn Trent
21-029Mesa Top21-11245	MD21-01-01345/30/01 8:25:00 AM	INV	NA	89	90	FT	R	QBT3	8900R	5/31/01	6/5/01	1.2	VOC	108-88-3	Toluene	0.0062	MG/KG	U	U_LAB	U									Severn Trent
21-029Mesa Top21-11245	MD21-01-01345/30/01 8:25:00 AM	INV	NA	89	90	FT	R	QBT3	8900R	5/31/01	6/5/01	1.2	VOC	1330-20-7	Xylene (Total)	0.0062	MG/KG	U	U_LAB	U									Severn Trent
21-029Mesa Top21-11245	MD21-01-01345/30/01 8:25:00 AM	INV	NA	89	90	FT	R	QBT3	8900R	5/31/01	6/5/01	1.2	VOC	95-47-6	Xylene[1,2-]	0.0031	MG/KG	U	U_LAB	U									Severn Trent
21-029Mesa Top21-11245	MD21-01-01285/30/01 8:55:00 AM	INV	NA	103	104	FT	R	QBT3	8900R	5/31/01	7/16/01	1	SVOC	83-32-9	Acenaphthene	0.34	MG/KG	U	U_LAB	U									Severn Trent
21-029Mesa Top21-11245	MD21-01-01285/30/01 8:55:00 AM	INV	NA	103	104	FT	R	QBT3	8900R	5/31/01	7/16/01	1	SVOC	120-12-7	Anthracene	0.34	MG/KG	U	U_LAB	U									Severn Trent
21-029Mesa Top21-11245	MD21-01-01285/30/01 8:55:00 AM	INV	NA	103	104	FT	R	QBT3	8900R	5/31/01	7/16/01	1	SVOC	56-55-3	Benzo(a)anthracene	0.34	MG/KG	U	U_LAB	U									Severn Trent
21-029Mesa Top21-11245	MD21-01-01285/30/01 8:55:00 AM	INV	NA	103	104	FT	R	QBT3	8900R	5/31/01	7/16/01	1	SVOC	50-32-8	Benzo(a)pyrene	0.34	MG/KG	U	U_LAB	U									Severn Trent
21-029Mesa Top21-11245	MD21-01-01285/30/01 8:55:00 AM	INV	NA	103	104	FT	R	QBT3	8900R	5/31/01	7/16/01	1	SVOC	205-99-2	Benzo(b)fluoranthene	0.34	MG/KG	U	U_LAB	U									Severn Trent
21-029Mesa Top21-11245	MD21-01-01285/30/01 8:55:00 AM	INV	NA	103	104	FT	R	QBT3	8900R	5/31/01	7/16/01	1	SVOC	207-08-9	Benzo(k)fluoranthene	0.34	MG/KG	U	U_LAB	U									Severn Trent
21-029Mesa Top21-11245	MD21-01-01285/30/01 8:55:00 AM	INV	NA	103	104	FT	R	QBT3	8900R	5/31/01	7/16/01	1	SVOC	218-01-9	Chrysene	0.34	MG/KG	U	U_LAB	U									Severn Trent
21-029Mesa Top21-11245	MD21-01-01285/30/01 8:55:00 AM	INV	NA	103	104	FT	R	QBT3	8900R	5/31/01	7/16/01	1	SVOC	53-70-3	Dibenz(a,h)anthracene	0.34	MG/KG	U	U_LAB	U									Severn Trent
21-029Mesa Top21-11245	MD21-01-01285/30/01 8:55:00 AM	INV	NA	103	104	FT	R	QBT3	8900R	5/31/01	7/16/01	1	SVOC	206-44-0	Fluoranthene	0.34	MG/KG	U	U_LAB	U									Severn Trent
21-029Mesa Top21-11245	MD21-01-01285/30/01 8:55:00 AM	INV	NA	103	104	FT	R	QBT3	8900R	5/31/01	7/16/01	1	SVOC	86-73-7	Fluorene	0.34	MG/KG	U	U_LAB	U									Severn Trent
21-029Mesa Top21-11245	MD21-01-01285/30/01 8:55:00 AM	INV	NA	103	104	FT	R	QBT3	8900R	5/31/01	7/16/01	1	SVOC	91-57-6	Methylnaphthalene[2-]	0.34	MG/KG	U	U_LAB	U									Severn Trent
21-029Mesa Top21-11245	MD21-01-01285/30/01 8:55:00 AM	INV	NA	103	104	FT	R	QBT3	8900R	5/31/01	7/16/01	1	SVOC	91-20-3	Naphthalene	0.34	MG/KG	U	U_LAB	U									Severn Trent
21-029Mesa Top21-11245	MD21-01-01285/30/01 8:55:00 AM	INV	NA	103	104	FT	R	QBT3	8900R	5/31/01	7/16/01	1	SVOC	85-01-8	Phenanthrene	0.34	MG/KG	U	U_LAB	U									Severn Trent
21-029Mesa Top21-11245	MD21-01-01285/30/01 8:55:00 AM	INV	NA	103	104	FT	R	QBT3	8900R	5/31/01	7/16/01	1	SVOC	129-00-0	Pyrene	1.7	MG/KG	U	U_LAB	U									Severn Trent
21-029Mesa Top21-11245	MD21-01-01285/30/01 8:55:00 AM	INV	NA	103	104	FT	R	QBT3	8901R	5/31/01	6/22/01	1	TAL_METALS	PB	Lead	4.4	MG/KG	J+	I3	N*	PM	I14B	J+	I3	PM	I13B			Severn Trent
21-029Mesa Top21-11245	MD21-01-01285/30/01 8:55:00 AM	INV	NA	103	104	FT	R	QBT3	8900R	5/31/01	7/5/01	1	TPH_DRO	DRO	Diesel Range Organics	26	MG/KG	U	U_LAB	U									Severn Trent
21-029Mesa Top21-11245	MD21-01-01285/30/01 8:55:00 AM	INV	NA	103	104	FT	R	QBT3	8900R	5/31/01	6/7/01	10	TPH_GRO	GRO	Gasoline Range Organic	1	MG/KG	U	U_LAB	U									Severn Trent
21-029Mesa Top21-11245	MD21-01-01285/30/01 8:55:00 AM	INV	NA	103	104	FT	R	QBT3	8900R	5/31/01	6/5/01	1.14	VOC	71-43-2	Benzene	0.0059	MG/KG	U	U_LAB	U									Severn Trent
21-029Mesa Top21-11245	MD21-01-01285/30/01 8:55:00 AM	INV	NA	103	104	FT	R	QBT3	8900R	5/31/01	6/5/01	1.14	VOC	100-41-4	Ethylbenzene	0.0059	MG/KG	U	U_LAB	U									Severn Trent
21-029Mesa Top21-11245	MD21-01-01285/30/01 8:55:00 AM	INV	NA	103	104	FT	R	QBT3	8900R	5/31/01	6/5/01	1.14	VOC	108-88-3	Toluene	0.0059	MG/KG	U	U_LAB	U									Severn Trent
21-029Mesa Top21-11245	MD21-01-01285/30/01 8:55:00 AM	INV	NA	103	104	FT	R	QBT3	8900R	5/31/01	6/5/01	1.14	VOC	1330-20-7	Xylene (Total)	0.0059	MG/KG	U	U_LAB	U									Severn Trent
21-029Mesa Top21-11245	MD21-01-01285/30/01 8:55:00 AM	INV	NA	103	104	FT	R	QBT3	8900R	5/31/01	6/5/01	1.14	VOC	95-47-6	Xylene[1,2-]	0.003	MG/KG	U	U_LAB	U									Severn Trent
21-029Mesa Top21-11245	MD21-01-01365/30/01 8:55:00 AM	QC	FD	103	104	FT	R	QBT3	8900R	5/31/01	7/16/01	1	SVOC	83-32-9	Acenaphthene	0.34	MG/KG	U	U_LAB	U									Severn Trent
21-029Mesa Top21-11245	MD21-01-01365/30/01 8:55:00 AM	QC	FD	103	104	FT	R	QBT3	8900R	5/31/01	7/16/01	1	SVOC	120-12-7	Anthracene	0.34	MG/KG	U	U_LAB	U									Severn Trent
21-029Mesa Top21-11245	MD21-01-01365/30/01 8:55:00 AM	QC	FD	103	104	FT	R	QBT3	8900R	5/31/01	7/16/01	1	SVOC	56-55-3	Benzo(a)anthracene	0.34	MG/KG	U	U_LAB	U									Severn Trent
21-029Mesa Top21-11245	MD21-01-01365/30/01 8:55:00 AM	QC	FD	103	104	FT	R	QBT3	8900R	5/31/01	7/16/01	1	SVOC	50-32-8	Benzo(a)pyrene	0.34	MG/KG	U	U_LAB	U									Severn Trent
21-029Mesa Top21-11245	MD21-01-01365/30/01 8:55:00 AM	QC	FD	103	104	FT	R	QBT3	8900R	5/31/01	7/16/01	1	SVOC	205-99-2	Benzo(b)fluoranthene	0.34	MG/KG	U	U_LAB	U									Severn Trent
21-029Mesa Top21-11245	MD21-01-01365/30/01 8:55:00 AM	QC	FD	103	104	FT	R	QBT3	8900R	5/31/01	7/16/01	1	SVOC	207-08-9	Benzo(k)fluoranthene	0.34	MG/KG	U	U_LAB	U									Severn Trent
21-029Mesa Top21-11245	MD21-01-01365/30/01 8:55:00 AM	QC	FD	103	104	FT	R	QBT3	8900R	5/31/01	7/16/01	1	SVOC	218-01-9	Chrysene	0.34	MG/KG	U	U_LAB	U									Severn Trent
21-029Mesa Top21-11245	MD21-01-01365/30/01 8:55:00 AM	QC	FD	103	104	FT	R	QBT3	8900R	5/31/01	7/16/01	1	SVOC	53-70-3	Dibenz(a,h)anthracene	0.34	MG/KG	U	U_LAB	U									Severn Trent
21-029Mesa Top21-11245	MD21-01-01365/30/01 8:55:00 AM	QC	FD	103	104	FT	R	QBT3	8900R	5/31/01	7/16/01	1	SVOC	206-44-0	Fluoranthene	0.34	MG/KG	U	U_LAB	U									Severn Trent
21-029Mesa Top21-11245	MD21-01-01365/30/01 8:55:00 AM	QC	FD	103	104	FT	R	QBT3	8900R	5/31/01	7/16/01	1	SVOC	86-73-7	Fluorene	0.34	MG/KG	U	U_LAB	U									Severn Trent
21-029Mesa Top21-11245	MD21-01-01365/30/01 8:55:00 AM	QC	FD	103	104	FT	R	QBT3	8900R	5/31/01	7/16/01	1	SVOC	91-57-6	Methylnaphthalene[2-]	0.34	MG/KG	U	U_LAB	U									Severn Trent
21-029Mesa Top21-11245	MD21-01-01365/30/01 8:55:00 AM	QC	FD	103	104	FT	R	QBT3	8900R	5/31/01	7/16/01	1	SVOC	91-20-3	Naphthalene	0.34	MG/KG	U	U_LAB	U									Severn Trent
21-029Mesa Top21-11245	MD21-01-01365/30/01 8:55:00 AM	QC	FD	103	104	FT	R	QBT3	8900R	5/31/01	7/16/01	1	SVOC	85-01-8	Phenanthrene	0.34	MG/KG	U	U_LAB	U									Severn Trent
21-029Mesa Top21-11245	MD21-01-01365/30/01 8:55:00 AM	QC	FD	103	104	FT	R	QBT3	8900R	5/31/01	7/16/01	1	SVOC	129-00-0	Pyrene	1.7	MG/KG	U	U_LAB	U									Severn Trent
21-029Mesa Top21-11245	MD21-01-01365/30/01 8:55:00 AM	QC	FD	103	104	FT	R	QBT3	8901R	5/31/01	6/22/01	1	TAL_METALS	PB	Lead	4.2	MG/KG	J+	I3	N*	PM	I14B	J+	I3	PM	I13B			Severn Trent
21-029Mesa Top21-11245	MD21-01-01365/30/01 8:55:00 AM	QC	FD	103	104	FT	R	QBT3	8900R	5/31/01	7/5/01	1	TPH_DRO	DRO	Diesel Range Organics	26	MG/KG	U	U_LAB	U									Severn Trent
21-029Mesa Top21-11245	MD21-01-01365/30/01 8:55:00 AM	QC	FD	103	104	FT	R	QBT3	8900R	5/31/01	6/8/01	1	TPH_GRO	GRO	Gasoline Range Organic	0.1	MG/KG	UJ	GRO3c	U	UJ	GRO3C							Severn Trent
21-029Mesa Top21-11245	MD21-01-01365/30/01 8:55:00 AM	QC	FD	103	104	FT	R	QBT3	8900R	5/31/01	6/12/01	1.24	VOC	71-43-2	Benzene	0.0064	MG/KG	U	U_LAB	U									Severn Trent
21-029Mesa Top21-11245	MD21-01-01365/30/01 8:55:00 AM	QC	FD	103	104	FT	R	QBT3	8900R	5/31/01	6/12/01	1.24	VOC	100-41-4	Ethylbenzene	0.0064	MG/KG	U	U_LAB	U									Severn Trent
21-029Mesa Top21-11245	MD21-01-01365/30/01 8:55:00 AM	QC	FD	103	104	FT	R	QBT3	8900R	5/31/01	6/12/01	1.24	VOC	108-88-3	Toluene	0.0064	MG/KG	U	U_LAB	U									Severn Trent
21-029Mesa Top21-11245	MD21-01-01365/30/01 8:55:00 AM	QC	FD	103	104	FT	R	QBT3	8900R	5/31/01	6/12/01	1.24	VOC	1330-20-7	Xylene (Total)	0.0064	MG/KG	U	U_LAB	U									Severn Trent
21-029Mesa Top21-11245	MD21-01-01365/30/01 8:55:00 AM	QC	FD	103	104	FT	R	QBT3	8900R	5/31/01	6/12/01	1.24	VOC	95-47-6	Xylene[1,2-]	0.0032	MG/KG	U	U_LAB	U									Severn Trent
21-029Mesa Top21-11247	MD21-01-01406/4/01 9:10:00 AM	INV	NA	1.5	2	FT	S	FILL	8931R	6/6/01	7/19/01	1	SVOC	83-32-9	Acenaphthene	0.36	MG/KG	UJ	SV3c	U	UJ	SV3C							Severn Trent
21-029Mesa Top21-11247	MD21-01-01406/4/01 9:10:00 AM	INV	NA	1.5	2	FT	S	FILL	8931R	6/6/01	7/19/01	1	SVOC	120-12-7	Anthracene	0.36	MG/KG	UJ	SV3c	U	UJ	SV3C							Severn Trent
21-029Mesa Top21-11247	MD21-01-01406/4/01 9:10:00 AM	INV	NA	1.5	2	FT	S	FILL	8931R	6/6/01	7/19/01	1	SVOC	56-55-3	Benzo(a)anthracene	0.36	MG/KG	UJ	SV3c	U	UJ	SV3C							Severn Trent
21-029Mesa Top21-11247	MD21-01-01406/4/01 9:10:00 AM	INV	NA	1.5	2	FT	S	FILL	8931R	6/6/01	7/19/01	1	SVOC	50-32-8	Benzo(a)pyrene	0.36	MG/KG	UJ	SV3c	U	UJ	SV3C							Severn Trent
21-029Mesa Top21-11247	MD21-01-01406/4/01 9:10:00 AM	INV	NA	1.5	2	FT	S	FILL	8931R	6/6/01	7/19/01	1	SVOC	205-99-2	Benzo(b)fluoranthene	0.36	MG/KG	UJ	SV3c	U	UJ	SV3C							Severn Trent
21-029Mesa Top21-11247	MD21-01-01406/4/01 9:10:00 AM	INV	NA	1.5	2	FT	S	FILL	8931R	6/6/01	7/19/01	1	SVOC	207-08-9	Benzo(k)fluoranthene	0.36	MG/KG	UJ	SV3c	U	UJ	SV3C							Severn Trent
21-029Mesa Top21-11247	MD21-01-01406/4/01 9:10:00 AM	INV	NA	1.5	2	FT	S	FILL	8931R	6/6/01	7/19/01	1	SVOC	218-01-9	Chrysene	0.36	MG/KG	UJ	SV3c	U	UJ	SV3C							Severn Trent
21-029Mesa Top21-11247	MD21-01-01406/4/01 9:10:00 AM	INV	NA	1.5	2	FT	S	FILL	8931R	6/6/01	7/19/01	1	SVOC	53-70-3	Dibenz(a,h)anthracene	0.36	MG/KG	UJ	SV3c	U	UJ	SV3C							Severn Trent
21-029Mesa Top21-11247	MD21-01-01406/4/01 9:10:00 AM	INV	NA	1.5	2	FT	S	FILL	8931R	6/6/01	7/19/01	1	SVOC	206-44-0	Fluoranthene	0.36	MG/KG	UJ	SV3c	U	UJ	SV3C							Severn Trent
21-029Mesa Top21-11247	MD21-01-01406/4/01 9:10:00 AM	INV	NA	1.5	2	FT	S	FILL	8931R	6/6/01	7/19/01	1	SVOC	86-73-7	Fluorene	0.36	MG/KG	UJ	SV3c	U	UJ	SV3C							Severn Trent
21-029Mesa Top21-11247	MD21-01-01406/4/01 9:10:00 AM	INV	NA	1.5	2	FT	S	FILL	8931R	6/6/01	7/19/01	1	SVOC	91-57-6	Methylnaphthalene[2-]	0.36	MG/KG	UJ	SV3c	U	UJ	SV3C							Severn Trent
21-029Mesa Top21-11247	MD21-01-01406/4/01 9:10:00 AM	INV	NA	1.5	2	FT	S	FILL	8931R	6/6/01	7/19/01	1	SVOC	91-20-3	Naphthalene	0.36	MG/KG	UJ	SV3c	U	UJ	SV3C							Severn Trent
21-029Mesa Top21-11247	MD21-01-01406/4/01 9:10:00 AM	INV	NA	1.5	2	FT	S	FILL	8931R	6/6/01	7/19/01	1	SVOC	85-01-8	Phenanthrene	0.36	MG/KG	UJ	SV3c	U	UJ	SV3C							Severn Trent
21-029Mesa Top21-11247	MD21-01-01406/4/01 9:10:00 AM	INV	NA	1.5	2	FT	S	FILL	8931R	6/6/01	7/19/01	1	SVOC	129-00-0	Pyrene	1.8	MG/KG	UJ	SV3c	U	UJ	SV3C							Severn Trent
21-029Mesa Top21-11247	MD21-01-01406/4/01 9:10:00 AM	INV	NA	1.5	2	FT	S	FILL	8932R	6/6/01	7/4/01	1	TAL_METALS	PB	Lead	13.8	MG/KG	J-	I3f	N*	J	I10	J-	I3F	PM	I14B	PM	I13B	Severn Trent
21-029Mesa Top21-11247	MD21-01-01406/4/01 9:10:00 AM	INV	NA	1.5	2	FT	S	FILL	8931R	6/6/01	7/5/01	1	TPH_DRO	DRO	Diesel Range Organics	28	MG/KG	U	U_LAB	U									Severn Trent
21-029Mesa Top21-11247	MD21-01-01406/4/01 9:10:00 AM	INV	NA	1.5	2	FT	S	FILL	8931R	6/6/01	6/14/01	1	TPH_GRO	GRO	Gasoline Range Organic	0.11	MG/KG	U	U_LAB	U									Severn Trent
21-029Mesa Top21-11247	MD21-01-01406/4/01 9:10:00 AM	INV	NA	1.5	2	FT	S	FILL	8931R	6/6/01	6/12/01	0.88	VOC	71-43-2	Benzene	0.0049	MG/KG	U	U_LAB	U									Severn Trent
21-029Mesa Top21-11247	MD21-01-01406/4/01 9:10:00 AM	INV	NA	1.5	2	FT	S	FILL	8931R	6/6/01	6/12/01	0.88	VOC	100-41-4	Ethylbenzene	0.0049	MG/KG	U	U_LAB	U									Severn Trent
21-029Mesa Top21-11247	MD21-01-01406/4/01 9:10:00 AM	INV	NA	1.5	2	FT	S	FILL	8931R	6/6/01	6/12/01	0.88	VOC	108-88-3	Toluene	0.0049	MG/KG	U	U_LAB	U									Severn Trent
21-029Mesa Top21-11247	MD21-01-01406/4/01 9:10:00 AM	INV	NA	1.5	2	FT	S	FILL	8931R	6/6/01	6/12/01	0.88	VOC	1330-20-7	Xylene (Total)	0.0049	MG/KG	U	U_LAB	U									Severn Trent
21-029Mesa Top21-11247	MD21-01-01406/4/01 9:10:00 AM	INV	NA	1.5	2	FT	S	FILL	8931R	6/6/01	6/12/01	0.88	VOC	95-47-6	Xylene[1,2-]	0.0024	MG/KG	U	U_LAB	U									Severn Trent
21-029Mesa Top21-11247	MD21-01-01416/4/01 9:45:00 AM	INV	NA	5.5	6	FT	S	FILL	8931R	6/6/01	7/19/01	1	SVOC	83-32-9	Acenaphthene	0.37	MG/KG	U	U_LAB	U									Severn Trent
21-029Mesa Top21-11247	MD21-01-01416/4/01 9:45:00 AM	INV	NA	5.5	6	FT	S	FILL	8931R	6/6/01	7/19/01	1	SVOC	120-12-7	Anthracene	0.37	MG/KG	U	U_LAB	U									Severn Trent
21-029Mesa Top21-11247	MD21-01-01416/4/01 9:45:00 AM	INV	NA	5.5	6	FT	S	FILL	8931R	6/6/01	7/19/01	1	SVOC	56-55-3	Benzo(a)anthracene	0.37	MG/KG	U	U_LAB	U									Severn Trent
21-029Mesa Top21-11247	MD21-01-01416/4/01 9:45:00 AM	INV	NA	5.5	6	FT	S	FILL	8931R	6/6/01	7/19/01	1	SVOC	50-32-8	Benzo(a)pyrene	0.37	MG/KG	U	U_LAB	U									Severn Trent
21-029Mesa Top21-11247	MD21-01-01416/4/01 9:45:00 AM	INV	NA	5.5	6	FT	S	FILL	8931R	6/6/01	7/19/01	1	SVOC	205-99-2	Benzo(b)fluoranthene	0.37	MG/KG	U	U_LAB	U									Severn Trent
21-029Mesa Top21-11247	MD21-01-01416/4/01 9:45:00 AM	INV	NA	5.5	6	FT	S	FILL	8931R	6/6/01	7/19/01	1	SVOC	207-08-9	Benzo(k)fluoranthene	0.37	MG/KG	U	U_LAB	U									Severn Trent
21-029Mesa Top21-11247	MD21-01-01416/4/01 9:45:00 AM	INV	NA	5.5	6	FT	S	FILL	8931R	6/6/01	7/19/01	1	SVOC	218-01-9	Chrysene	0.37	MG/KG	U	U_LAB	U									Severn Trent
21-029Mesa Top21-11247	MD21-01-01416/4/01 9:45:00 AM	INV	NA	5.5	6	FT	S	FILL	8931R	6/6/01	7/19/01	1	SVOC	53-70-3	Dibenz(a,h)anthracene	0.37	MG/KG	U	U_LAB	U									Severn Trent
21-029Mesa Top21-11247	MD21-01-01416/4/01 9:45:00 AM	INV	NA	5.5	6	FT	S	FILL	8931R	6/6/01	7/19/01	1	SVOC	206-44-0	Fluoranthene	0.37	MG/KG	U	U_LAB	U									Severn Trent
21-029Mesa Top21-11247	MD21-01-01416/4/01 9:45:00 AM	INV	NA	5.5	6	FT	S	FILL	8931R	6/6/01	7/19/01	1	SVOC	86-73-7	Fluorene	0.37	MG/KG	U	U_LAB	U									Severn Trent
21-029Mesa Top21-11247	MD21-01-01416/4/01 9:45:00 AM	INV	NA	5.5	6	FT	S	FILL	8931R	6/6/01	7/19/01	1	SVOC	91-57-6	Methylnaphthalene[2-]	0.37	MG/KG	U	U_LAB	U									Severn Trent
21-029Mesa Top21-11247	MD21-01-01416/4/01 9:45:00 AM	INV	NA	5.5	6	FT	S	FILL	8931R	6/6/01	7/19/01	1	SVOC	91-20-3	Naphthalene	0.37	MG/KG	U	U_LAB	U									Severn Trent
21-029Mesa Top21-11247	MD21-01-01416/4/01 9:45:00 AM	INV	NA	5.5	6	FT	S	FILL	8931R	6/6/01	7/19/01	1	SVOC	85-01-8	Phenanthrene	0.37	MG/KG	U	U_LAB	U									Severn Trent
21-029Mesa Top21-11247	MD21-01-01416/4/01 9:45:00 AM	INV	NA	5.5	6	FT	S	FILL	8931R	6/6/01	7/19/01	1	SVOC	129-00-0	Pyrene	1.8	MG/KG	U	U_LAB	U									Severn Trent
21-029Mesa Top21-11247	MD21-01-01416/4/01 9:45:00 AM	INV	NA	5.5	6	FT	S	FILL	8932R	6/6/01	7/4/01	1	TAL_METALS	PB	Lead	11.5	MG/KG	J-	I3f	N*	J	I10	J-	I3F	PM	I14B	PM	I13B	Severn Trent
21-029Mesa Top21-11247	MD21-01-01416/4/01 9:45:00 AM	INV	NA	5.5	6	FT	S	FILL	8931R	6/6/01	7/5/01	1	TPH_DRO	DRO	Diesel Range Organics	28	MG/KG	U	U_LAB	U									Severn Trent
21-029Mesa Top21-11247	MD21-01-01416/4/01 9:45:00 AM	INV	NA	5.5	6	FT	S	FILL	8931R	6/6/01	6/14/01	1	TPH_GRO	GRO	Gasoline Range Organic	0.11	MG/KG	U	U_LAB	U									Severn Trent
21-029Mesa Top21-11247	MD21-01-01416/4/01 9:45:00 AM	INV	NA	5.5	6	FT	S	FILL	8931R	6/6/01	6/12/01	0.95	VOC	71-43-2	Benzene	0.0053	MG/KG	U	U_LAB	U									Severn Trent
21-029Mesa Top21-11247	MD21-01-01416/4/01 9:45:00 AM	INV	NA	5.5	6	FT	S	FILL	8931R	6/6/01	6/12/01	0.95	VOC	100-41-4	Ethylbenzene	0.0053	MG/KG	U	U_LAB	U									Severn Trent
21-029Mesa Top21-11247	MD21-01-01416/4/01 9:45:00 AM	INV	NA	5.5	6	FT	S	FILL	8931R	6/6/01	6/12/01	0.95	VOC	108-88-3	Toluene	0.0053	MG/KG	U	U_LAB	U									Severn Trent
21-029Mesa Top21-11247	MD21-01-01416/4/01 9:45:00 AM	INV	NA	5.5	6	FT	S	FILL	8931R	6/6/01	6/12/01	0.95	VOC	1330-20-7	Xylene (Total)	0.0053	MG/KG	U	U_LAB	U									Severn Trent
21-029Mesa Top21-11247	MD21-01-01416/4/01 9:45:00 AM	INV	NA	5.5	6	FT	S	FILL	8931R	6/6/01	6/12/01	0.95	VOC	95-47-6	Xylene[1,2-]	0.0027	MG/KG	U	U_LAB	U									Severn Trent



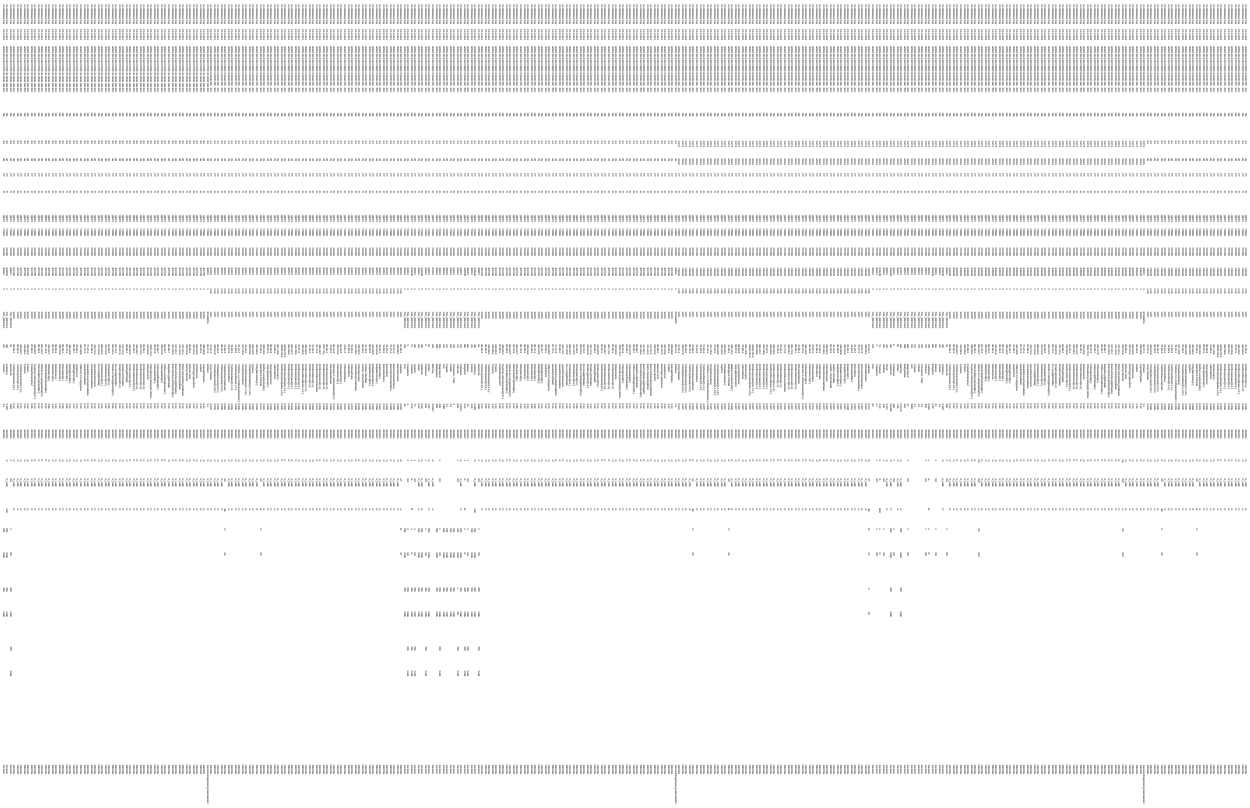
21-029Eastern_Seep	21-11259	MD21-01-018	6/18/01 1:10:00 PM	INV	NA	12	12.7	FT	R	QBT3	9088R	6/21/01	7/2/01	1	VOC	95-47-6	Xylene[1,2-]	0.0028	MG/KG	U	U_LAB	U					Severn Trent
21-029Eastern_Seep	21-11259	MD21-01-018	6/18/01 1:35:00 PM	INV	NA	14	15.3	FT	R	QBT3	9088R	6/21/01	7/22/01	1	SVOC	83-32-9	Acenaphthene	0.37	MG/KG	U	U_LAB	U					Severn Trent
21-029Eastern_Seep	21-11259	MD21-01-018	6/18/01 1:35:00 PM	INV	NA	14	15.3	FT	R	QBT3	9088R	6/21/01	7/22/01	1	SVOC	120-12-7	Anthracene	0.37	MG/KG	U	U_LAB	U					Severn Trent
21-029Eastern_Seep	21-11259	MD21-01-018	6/18/01 1:35:00 PM	INV	NA	14	15.3	FT	R	QBT3	9088R	6/21/01	7/22/01	1	SVOC	56-55-3	Benzo(a)anthracene	0.37	MG/KG	U	U_LAB	U					Severn Trent
21-029Eastern_Seep	21-11259	MD21-01-018	6/18/01 1:35:00 PM	INV	NA	14	15.3	FT	R	QBT3	9088R	6/21/01	7/22/01	1	SVOC	50-32-8	Benzo(a)pyrene	0.37	MG/KG	U	U_LAB	U					Severn Trent
21-029Eastern_Seep	21-11259	MD21-01-018	6/18/01 1:35:00 PM	INV	NA	14	15.3	FT	R	QBT3	9088R	6/21/01	7/22/01	1	SVOC	205-99-2	Benzo(b)fluoranthene	0.37	MG/KG	U	U_LAB	U					Severn Trent
21-029Eastern_Seep	21-11259	MD21-01-018	6/18/01 1:35:00 PM	INV	NA	14	15.3	FT	R	QBT3	9088R	6/21/01	7/22/01	1	SVOC	207-08-9	Benzo(k)fluoranthene	0.37	MG/KG	U	U_LAB	U					Severn Trent
21-029Eastern_Seep	21-11259	MD21-01-018	6/18/01 1:35:00 PM	INV	NA	14	15.3	FT	R	QBT3	9088R	6/21/01	7/22/01	1	SVOC	218-01-9	Chrysene	0.37	MG/KG	U	U_LAB	U					Severn Trent
21-029Eastern_Seep	21-11259	MD21-01-018	6/18/01 1:35:00 PM	INV	NA	14	15.3	FT	R	QBT3	9088R	6/21/01	7/22/01	1	SVOC	53-70-3	Dibenz(a,h)anthracene	0.37	MG/KG	U	U_LAB	U					Severn Trent
21-029Eastern_Seep	21-11259	MD21-01-018	6/18/01 1:35:00 PM	INV	NA	14	15.3	FT	R	QBT3	9088R	6/21/01	7/22/01	1	SVOC	206-44-0	Fluoranthene	0.37	MG/KG	U	U_LAB	U					Severn Trent
21-029Eastern_Seep	21-11259	MD21-01-018	6/18/01 1:35:00 PM	INV	NA	14	15.3	FT	R	QBT3	9088R	6/21/01	7/22/01	1	SVOC	86-73-7	Fluorene	0.37	MG/KG	U	U_LAB	U					Severn Trent
21-029Eastern_Seep	21-11259	MD21-01-018	6/18/01 1:35:00 PM	INV	NA	14	15.3	FT	R	QBT3	9088R	6/21/01	7/22/01	1	SVOC	91-57-6	Methylnaphthalene[2-]	0.37	MG/KG	U	U_LAB	U					Severn Trent
21-029Eastern_Seep	21-11259	MD21-01-018	6/18/01 1:35:00 PM	INV	NA	14	15.3	FT	R	QBT3	9088R	6/21/01	7/22/01	1	SVOC	91-20-3	Naphthalene	0.37	MG/KG	U	U_LAB	U					Severn Trent
21-029Eastern_Seep	21-11259	MD21-01-018	6/18/01 1:35:00 PM	INV	NA	14	15.3	FT	R	QBT3	9088R	6/21/01	7/22/01	1	SVOC	85-01-8	Phenanthrene	0.37	MG/KG	U	U_LAB	U					Severn Trent
21-029Eastern_Seep	21-11259	MD21-01-018	6/18/01 1:35:00 PM	INV	NA	14	15.3	FT	R	QBT3	9088R	6/21/01	7/22/01	1	SVOC	129-00-0	Pyrene	1.8	MG/KG	U	U_LAB	U					Severn Trent
21-029Eastern_Seep	21-11259	MD21-01-018	6/18/01 1:35:00 PM	INV	NA	14	15.3	FT	R	QBT3	9089R	6/21/01	7/19/01	5	TAL_METALS	PB	Lead	4.4	MG/KG			*					Severn Trent
21-029Eastern_Seep	21-11259	MD21-01-018	6/18/01 1:35:00 PM	INV	NA	14	15.3	FT	R	QBT3	9088R	6/21/01	7/19/01	1	TPH_DRO	DRO	Diesel Range Organics	28	MG/KG	U	U_LAB	U					Severn Trent
21-029Eastern_Seep	21-11259	MD21-01-018	6/18/01 1:35:00 PM	INV	NA	14	15.3	FT	R	QBT3	9088R	6/21/01	6/28/01	2.5	TPH_GRO	GRO	Gasoline Range Organics	0.28	MG/KG	UJ	GRO3c	U	UJ	V3C			Severn Trent
21-029Eastern_Seep	21-11259	MD21-01-018	6/18/01 1:35:00 PM	INV	NA	14	15.3	FT	R	QBT3	9088R	6/21/01	6/27/01	1.04	VOC	71-43-2	Benzene	0.0059	MG/KG	U	U_LAB	U					Severn Trent
21-029Eastern_Seep	21-11259	MD21-01-018	6/18/01 1:35:00 PM	INV	NA	14	15.3	FT	R	QBT3	9088R	6/21/01	6/27/01	1.04	VOC	100-41-4	Ethylbenzene	0.0059	MG/KG	U	U_LAB	U					Severn Trent
21-029Eastern_Seep	21-11259	MD21-01-018	6/18/01 1:35:00 PM	INV	NA	14	15.3	FT	R	QBT3	9088R	6/21/01	6/27/01	1.04	VOC	108-88-3	Toluene	0.0059	MG/KG	U	U_LAB	U					Severn Trent
21-029Eastern_Seep	21-11259	MD21-01-018	6/18/01 1:35:00 PM	INV	NA	14	15.3	FT	R	QBT3	9088R	6/21/01	6/27/01	1.04	VOC	1330-20-7	Xylene (Total)	0.0059	MG/KG	U	U_LAB	U					Severn Trent
21-029Eastern_Seep	21-11259	MD21-01-018	6/18/01 1:35:00 PM	INV	NA	14	15.3	FT	R	QBT3	9088R	6/21/01	6/27/01	1.04	VOC	95-47-6	Xylene[1,2-]	0.0029	MG/KG	U	U_LAB	U					Severn Trent
21-029Eastern_Seep	21-11260	MD21-01-018	6/19/01 9:40:00 AM	INV	NA	5.5	6	FT	R	QBT3	9090R	6/21/01	7/22/01	1	SVOC	83-32-9	Acenaphthene	0.38	MG/KG	U	U_LAB	U					Severn Trent
21-029Eastern_Seep	21-11260	MD21-01-018	6/19/01 9:40:00 AM	INV	NA	5.5	6	FT	R	QBT3	9090R	6/21/01	7/22/01	1	SVOC	120-12-7	Anthracene	0.38	MG/KG	U	U_LAB	U					Severn Trent
21-029Eastern_Seep	21-11260	MD21-01-018	6/19/01 9:40:00 AM	INV	NA	5.5	6	FT	R	QBT3	9090R	6/21/01	7/22/01	1	SVOC	56-55-3	Benzo(a)anthracene	0.38	MG/KG	U	U_LAB	U					Severn Trent
21-029Eastern_Seep	21-11260	MD21-01-018	6/19/01 9:40:00 AM	INV	NA	5.5	6	FT	R	QBT3	9090R	6/21/01	7/22/01	1	SVOC	50-32-8	Benzo(a)pyrene	0.38	MG/KG	U	U_LAB	U					Severn Trent
21-029Eastern_Seep	21-11260	MD21-01-018	6/19/01 9:40:00 AM	INV	NA	5.5	6	FT	R	QBT3	9090R	6/21/01	7/22/01	1	SVOC	205-99-2	Benzo(b)fluoranthene	0.38	MG/KG	U	U_LAB	U					Severn Trent
21-029Eastern_Seep	21-11260	MD21-01-018	6/19/01 9:40:00 AM	INV	NA	5.5	6	FT	R	QBT3	9090R	6/21/01	7/22/01	1	SVOC	207-08-9	Benzo(k)fluoranthene	0.38	MG/KG	U	U_LAB	U					Severn Trent
21-029Eastern_Seep	21-11260	MD21-01-018	6/19/01 9:40:00 AM	INV	NA	5.5	6	FT	R	QBT3	9090R	6/21/01	7/22/01	1	SVOC	218-01-9	Chrysene	0.38	MG/KG	U	U_LAB	U					Severn Trent
21-029Eastern_Seep	21-11260	MD21-01-018	6/19/01 9:40:00 AM	INV	NA	5.5	6	FT	R	QBT3	9090R	6/21/01	7/22/01	1	SVOC	53-70-3	Dibenz(a,h)anthracene	0.38	MG/KG	U	U_LAB	U					Severn Trent
21-029Eastern_Seep	21-11260	MD21-01-018	6/19/01 9:40:00 AM	INV	NA	5.5	6	FT	R	QBT3	9090R	6/21/01	7/22/01	1	SVOC	206-44-0	Fluoranthene	0.38	MG/KG	U	U_LAB	U					Severn Trent
21-029Eastern_Seep	21-11260	MD21-01-018	6/19/01 9:40:00 AM	INV	NA	5.5	6	FT	R	QBT3	9090R	6/21/01	7/22/01	1	SVOC	86-73-7	Fluorene	0.38	MG/KG	U	U_LAB	U					Severn Trent
21-029Eastern_Seep	21-11260	MD21-01-018	6/19/01 9:40:00 AM	INV	NA	5.5	6	FT	R	QBT3	9090R	6/21/01	7/22/01	1	SVOC	91-57-6	Methylnaphthalene[2-]	0.38	MG/KG	U	U_LAB	U					Severn Trent
21-029Eastern_Seep	21-11260	MD21-01-018	6/19/01 9:40:00 AM	INV	NA	5.5	6	FT	R	QBT3	9090R	6/21/01	7/22/01	1	SVOC	91-20-3	Naphthalene	0.38	MG/KG	U	U_LAB	U					Severn Trent
21-029Eastern_Seep	21-11260	MD21-01-018	6/19/01 9:40:00 AM	INV	NA	5.5	6	FT	R	QBT3	9090R	6/21/01	7/22/01	1	SVOC	85-01-8	Phenanthrene	0.38	MG/KG	U	U_LAB	U					Severn Trent
21-029Eastern_Seep	21-11260	MD21-01-018	6/19/01 9:40:00 AM	INV	NA	5.5	6	FT	R	QBT3	9090R	6/21/01	7/22/01	1	SVOC	129-00-0	Pyrene	1.9	MG/KG	U	U_LAB	U					Severn Trent
21-029Eastern_Seep	21-11260	MD21-01-018	6/19/01 9:40:00 AM	INV	NA	5.5	6	FT	R	QBT3	9091R	6/21/01	7/13/01	1	TAL_METALS	PB	Lead	6	MG/KG				PM	I14R	PM	I13R	Severn Trent
21-029Eastern_Seep	21-11260	MD21-01-018	6/19/01 9:40:00 AM	INV	NA	5.5	6	FT	R	QBT3	9090R	6/21/01	7/19/01	1	TPH_DRO	DRO	Diesel Range Organics	29	MG/KG	U	U_LAB	U					Severn Trent
21-029Eastern_Seep	21-11260	MD21-01-018	6/19/01 9:40:00 AM	INV	NA	5.5	6	FT	R	QBT3	9090R	6/21/01	7/3/01	1	TPH_GRO	GRO	Gasoline Range Organics	0.29	MG/KG	U	U_LAB	U					Severn Trent
21-029Eastern_Seep	21-11260	MD21-01-018	6/19/01 9:40:00 AM	INV	NA	5.5	6	FT	R	QBT3	9090R	6/21/01	7/1/01	0.99	VOC	71-43-2	Benzene	0.0057	MG/KG	U	U_LAB	U					Severn Trent
21-029Eastern_Seep	21-11260	MD21-01-018	6/19/01 9:40:00 AM	INV	NA	5.5	6	FT	R	QBT3	9090R	6/21/01	7/1/01	0.99	VOC	100-41-4	Ethylbenzene	0.0057	MG/KG	U	U_LAB	U					Severn Trent
21-029Eastern_Seep	21-11260	MD21-01-018	6/19/01 9:40:00 AM	INV	NA	5.5	6	FT	R	QBT3	9090R	6/21/01	7/1/01	0.99	VOC	108-88-3	Toluene	0.0057	MG/KG	U	U_LAB	U					Severn Trent
21-029Eastern_Seep	21-11260	MD21-01-018	6/19/01 9:40:00 AM	INV	NA	5.5	6	FT	R	QBT3	9090R	6/21/01	7/1/01	0.99	VOC	1330-20-7	Xylene (Total)	0.0057	MG/KG	U	U_LAB	U					Severn Trent
21-029Eastern_Seep	21-11260	MD21-01-018	6/19/01 9:40:00 AM	INV	NA	5.5	6	FT	R	QBT3	9090R	6/21/01	7/1/01	0.99	VOC	95-47-6	Xylene[1,2-]	0.0029	MG/KG	U	U_LAB	U					Severn Trent
21-029Eastern_Seep	21-11260	MD21-01-018	6/19/01 1:35:00 PM	INV	NA	9.5	10	FT	R	QBT3	9090R	6/21/01	7/22/01	1	SVOC	83-32-9	Acenaphthene	0.37	MG/KG	U	U_LAB	U					Severn Trent
21-029Eastern_Seep	21-11260	MD21-01-018	6/19/01 1:35:00 PM	INV	NA	9.5	10	FT	R	QBT3	9090R	6/21/01	7/22/01	1	SVOC	120-12-7	Anthracene	0.37	MG/KG	U	U_LAB	U					Severn Trent
21-029Eastern_Seep	21-11260	MD21-01-018	6/19/01 1:35:00 PM	INV	NA	9.5	10	FT	R	QBT3	9090R	6/21/01	7/22/01	1	SVOC	56-55-3	Benzo(a)anthracene	0.37	MG/KG	U	U_LAB	U					Severn Trent
21-029Eastern_Seep	21-11260	MD21-01-018	6/19/01 1:35:00 PM	INV	NA	9.5	10	FT	R	QBT3	9090R	6/21/01	7/22/01	1	SVOC	50-32-8	Benzo(a)pyrene	0.37	MG/KG	U	U_LAB	U					Severn Trent
21-029Eastern_Seep	21-11260	MD21-01-018	6/19/01 1:35:00 PM	INV	NA	9.5	10	FT	R	QBT3	9090R	6/21/01	7/22/01	1	SVOC	205-99-2	Benzo(b)fluoranthene	0.37	MG/KG	U	U_LAB	U					Severn Trent
21-029Eastern_Seep	21-11260	MD21-01-018	6/19/01 1:35:00 PM	INV	NA	9.5	10	FT	R	QBT3	9090R	6/21/01	7/22/01	1	SVOC	207-08-9	Benzo(k)fluoranthene	0.37	MG/KG	U	U_LAB	U					Severn Trent
21-029Eastern_Seep	21-11260	MD21-01-018	6/19/01 1:35:00 PM	INV	NA	9.5	10	FT	R	QBT3	9090R	6/21/01	7/22/01	1	SVOC	218-01-9	Chrysene	0.37	MG/KG	U	U_LAB	U					Severn Trent
21-029Eastern_Seep	21-11260	MD21-01-018	6/19/01 1:35:00 PM	INV	NA	9.5	10	FT	R	QBT3	9090R	6/21/01	7/22/01	1	SVOC	53-70-3	Dibenz(a,h)anthracene	0.37	MG/KG	U	U_LAB	U					Severn Trent
21-029Eastern_Seep	21-11260	MD21-01-018	6/19/01 1:35:00 PM	INV	NA	9.5	10	FT	R	QBT3	9090R	6/21/01	7/22/01	1	SVOC	206-44-0	Fluoranthene	0.37	MG/KG	U	U_LAB	U					Severn Trent
21-029Eastern_Seep	21-11260	MD21-01-018	6/19/01 1:35:00 PM	INV	NA	9.5	10	FT	R	QBT3	9090R	6/21/01	7/22/01	1	SVOC	86-73-7	Fluorene	0.37	MG/KG	U	U_LAB	U					Severn Trent
21-029Eastern_Seep	21-11260	MD21-01-018	6/19/01 1:35:00 PM	INV	NA	9.5	10	FT	R	QBT3	9090R	6/21/01	7/22/01	1	SVOC	91-57-6	Methylnaphthalene[2-]	0.37	MG/KG	U	U_LAB	U					Severn Trent
21-029Eastern_Seep	21-11260	MD21-01-018	6/19/01 1:35:00 PM	INV	NA	9.5	10	FT	R	QBT3	9090R	6/21/01	7/22/01	1	SVOC	91-20-3	Naphthalene	0.37	MG/KG	U	U_LAB	U					Severn Trent
21-029Eastern_Seep	21-11260	MD21-01-018	6/19/01 1:35:00 PM	INV	NA	9.5	10	FT	R	QBT3	9090R	6/21/01	7/22/01	1	SVOC	85-01-8	Phenanthrene	0.37	MG/KG	U	U_LAB	U					Severn Trent
21-029Eastern_Seep	21-11260	MD21-01-018	6/19/01 1:35:00 PM	INV	NA	9.5	10	FT	R	QBT3	9090R	6/21/01	7/22/01	1	SVOC	129-00-0	Pyrene	1.8	MG/KG	U	U_LAB	U					Severn Trent
21-029Eastern_Seep	21-11260	MD21-01-018	6/19/01 1:35:00 PM	INV	NA	9.5	10	FT	R	QBT3	9091R	6/21/01	7/13/01	1	TAL_METALS	PB	Lead	3.9	MG/KG				PM	I14R	PM	I13R	Severn Trent
21-029Eastern_Seep	21-11260	MD21-01-018	6/19/01 1:35:00 PM	INV	NA	9.5	10	FT	R	QBT3	9090R	6/21/01	7/19/01	1	TPH_DRO	DRO	Diesel Range Organics	28	MG/KG	U	U_LAB	U					Severn Trent
21-029Eastern_Seep	21-11260	MD21-01-018	6/19/01 1:35:00 PM	INV	NA	9.5	10	FT	R	QBT3	9090R	6/21/01	7/3/01	1	TPH_GRO	GRO	Gasoline Range Organics	0.28	MG/KG	U	U_LAB	U					Severn Trent
21-029Eastern_Seep	21-11260	MD21-01-018	6/19/01 1:35:00 PM	INV	NA	9.5	10	FT	R	QBT3	9090R	6/21/01	7/1/01	0.95	VOC	71-43-2	Benzene	0.0053	MG/KG	U	U_LAB	U					Severn Trent
21-029Eastern_Seep	21-11260	MD21-01-018	6/19/01 1:35:00 PM	INV	NA	9.5	10	FT	R	QBT3	9090R	6/21/01	7/1/01	0.95	VOC	100-41-4	Ethylbenzene	0.0053	MG/KG	U	U_LAB	U					Severn Trent
21-029Eastern_Seep	21-11260	MD21-01-018	6/19/01 1:35:00 PM	INV	NA	9.5	10	FT	R	QBT3	9090R	6/21/01	7/1/01	0.95	VOC	108-88-3	Toluene	0.0053	MG/KG	U	U_LAB	U					Severn Trent
21-029Eastern_Seep	21-11260	MD21-01-018	6/19/01 1:35:00 PM	INV	NA	9.5	10	FT	R	QBT3	9090R	6/21/01	7/1/01	0.95	VOC	1330-20-7	Xylene (Total)	0.0053	MG/KG	U	U_LAB	U					Severn Trent
21-029Eastern_Seep	21-11260	MD21-01-018	6/19/01 1:35:00 PM	INV	NA	9.5	10	FT	R	QBT3	9090R	6/21/01	7/1/01	0.95	VOC	95-47-6	Xylene[1,2-]	0.0027	MG/KG	U	U_LAB	U					Severn Trent
21-029Eastern_Seep	21-11261	MD21-01-018	6/19/01 10:30:00 AM	INV	NA	1.5	2	FT	SED	SED	9090R	6/21/01	7/22/01	5	SVOC	83-32-9	Acenaphthene	2.2	MG/KG	U	U_LAB	U					Severn Trent
21-029Eastern_Seep	21-11261	MD21-01-018	6/19/01 10:30:00 AM	INV	NA	1.5	2	FT	SED	SED	9090R	6/21/01	7/22/01	5	SVOC	120-12-7	Anthracene	2.2	MG/KG	U	U_LAB	U					Severn Trent
21-029Eastern_Seep	21-11261	MD21-01-018	6/19/01 10:30:00 AM	INV	NA	1.5	2	FT	SED	SED	9090R	6/21/01	7/22/01	5	SVOC	56-55-3	Benzo(a)anthracene	2.2	MG/KG	U	U_LAB	U					Severn Trent
21-029Eastern_Seep	21-11261	MD21-01-018	6/19/01 10:30:00 AM	INV	NA	1.5	2	FT	SED	SED	9090R	6/21/01	7/22/01	5	SVOC	50-32-8	Benzo(a)pyrene	2.2	MG/KG	U	U_LAB	U					Severn Trent
21-029Eastern_Seep	21-11261	MD21-01-018	6/19/01 10:30:00 AM	INV	NA	1.5	2	FT	SED	SED	9090R	6/21/01	7/22/01	5	SVOC	205-99-2	Benzo(b)fluoranthene	2.2	MG/KG	U	U_LAB	U					Severn Trent
21-029Eastern_Seep	21-11261	MD21-01-018	6/19/01 10:30:00 AM	INV	NA	1.5	2	FT	SED	SED	9090R	6/21/01	7/22/01	5	SVOC	207-08-9	Benzo(k)fluoranthene	2.2	MG/KG	U	U_LAB	U					Severn Trent
21-029Eastern_Seep	21-11261	MD21-01-018	6/19/01 10:30:00 AM	INV	NA	1.5	2	FT	SED	SED	9090R	6/21/01	7/22/01	5	SVOC	218-01-9	Chrysene	2.2	MG/KG	U	U_LAB	U					Severn Trent
21-029Eastern_Seep	21-11261	MD21-01-018	6/19/01 10:30:00 AM	INV	NA	1.5	2	FT	SED	SED	9090R	6/21/01	7/22/01	5	SVOC	53-70-3	Dibenz(a,h)anthracene	2.2	MG/KG	U	U_LAB	U					Severn Trent
21-029Eastern_Seep	21-11261	MD21-01-018	6/19/01 10:30:00 AM	INV	NA	1.5	2	FT	SED	SED	9090R	6/21/01	7/22/01	5	SVOC	206-44-0	Fluoranthene	2.2	MG/KG	U	U_LAB	U					Severn Trent
21-029Eastern_Seep	21-11261	MD21-01-018	6/19/01 10:30:00 AM	INV	NA	1.5	2	FT	SED	SED	9090R	6/21/01	7/22/01	5	SVOC	86-73-7	Fluorene	2.2	MG/KG	U	U_LAB	U					Severn Trent
21-029Eastern_Seep	21-11261	MD21-01-018	6/19/01 10:30:00 AM	INV	NA	1.5	2	FT	SED	SED	9090R	6/21/01	7/22/01	5	SVOC	91-57-6	Methylnaphthalene[2-]	2.2	MG/KG	U	U_LAB	U					Severn Trent
21-029Eastern_Seep	21-11261	MD21-01-018	6/19/01 10:30:00 AM	INV	NA	1.5	2	FT	SED	SED	9090R	6/21/01	7/22/01	5	SVOC	91-20-3	Naphthalene	2.2	MG/KG	U	U_LAB	U					Severn Trent
21-029Eastern_Seep	21-11261	MD21-01-018	6/19/01 10:30:00 AM	INV	NA	1.5	2	FT	SED	SED	9090R	6/21/01	7/22/01	5	SVOC	85-01-8	Phenanthrene	2.2	MG/KG	U	U_LAB	U					Severn Trent
21-029Eastern_Seep	21-11261	MD21-01-018	6/19/01 10:30:00 AM	INV	NA	1.5	2	FT	SED	SED	9090R	6/21/01	7/22/01	5	SVOC	129-00-0	Pyrene	11	MG/KG	U	U_LAB	U					Severn Trent
21-029Eastern_Seep	21-11261	MD21-01-018	6/19/01 10:30:00 AM	INV	NA	1.5	2	FT	SED	SED	9091R	6/21/01	7/13/01	1	TAL_METALS	PB	Lead	17.1	MG/KG				PM	I14R	PM	I13R	Severn Trent
21-029Eastern_Seep	21-11261	MD21-01-018	6/19/01 10:30:00 AM	INV	NA	1.5	2	FT	SED	SED	9090R	6/21/01	7/19/01	1	TPH_DRO	DRO	Diesel Range Organics	190	MG/KG								Severn Trent
21-029Eastern_Seep	21-11261	MD21-01-018	6/19/01 10:30:00 AM	INV	NA	1.5	2	FT	SED	SED	9090R	6/21/01	7/3/01	1	TPH_GRO	GRO	Gasoline Range Organics	1.2	MG/KG								Severn Trent
21-029Eastern_Seep	21-11261	MD21-01-018	6/19/01 10:30:00 AM	INV	NA	1.5	2	FT	SED	SED	9090R	6/21/01	7/1/01	0.89	VOC	71-43-2	Benzene	0.0059	MG/KG	U	U_LAB	U					Severn Trent
21-029Eastern_Seep	21-11261	MD21-01-018	6/19/01 10:30:00 AM	INV	NA	1.5	2	FT	SED	SED	9090R	6/21/01	7/1/01	0.89	VOC	100-41-4	Ethylbenzene	0.0059	MG/KG	U	U_LAB	U					Severn Trent
21-029Eastern_Seep	21-11261	MD21-01-018	6/19/01 10:30:00 AM	INV	NA	1.5	2	FT	SED	SED	9090R	6/21/01	7/1/01	0.89	VOC	108-88-3	Toluene	0.0059	MG/KG	U	U_LAB	U					Severn Trent
21-029Eastern_Seep	21-11261	MD21-01-018	6/19/01 10:30:00 AM	INV	NA	1.5	2	FT	SED	SED	9090R	6/21/01	7/1/01	0.89	VOC	1330-20-7	Xylene (Total)	0.0059	MG/KG	U	U_LAB	U					Severn Trent
21-029Eastern_Seep	21-11261	MD21-01-018	6/19/01 10:30:00 AM	INV	NA	1.5	2	FT	SED	SED	9090R	6/21/01	7/1/01	0.89	VOC	95-47-6	Xylene[1,2-]	0.003	MG/KG	U	U_LAB	U					Severn Trent
21-029Eastern_Seep	21-11261	MD21-01-018	6/19/01 11:40:00 AM	INV	NA	9.5	10	FT	R	QBT3	9090R	6/21/01	7/22/01	1	SVOC	83-32-9	Acenaphthene	0.37	MG/KG	U	U_LAB	U					Severn Trent
21-029Eastern_Seep	21-11261	MD21-01-018	6/19/01 11:40:00 AM	INV	NA	9.5	10	FT	R	QBT3	9090R	6/21/01	7/22/01	1	SVOC	120-12-7	Anthracene	0.37	MG/KG	U	U_LAB	U					Severn Trent
21-029Eastern_Seep	21-11261	MD21-01-018	6/19/01 11:40:00 AM	INV	NA	9.5	10	FT	R	QBT3	9090R	6/21/01	7/22/01	1	SVOC	56-55-3	Benzo(a)anthracene	0.37	MG/KG	U	U_LAB	U					Severn Trent
21-029Eastern_Seep	21-11261	MD21-01-018	6/19/01 11:40:00 AM	INV	NA	9.5	10	FT	R	QBT3	9090R	6/21/01	7/22/01	1	SVOC	50-32-8	Benzo(a)pyrene	0.37	MG/KG	U	U_LAB	U					Severn Trent
21-029Eastern_Seep	21-11261	MD21-01-018	6/19/01 11:40:00 AM	INV	NA	9.5	10	FT	R	QBT3	9090R	6/21/01	7/22/01	1	SVOC	205-99-2	Benzo(b)fluoranthene	0.37	MG/KG	U	U_LAB	U					Severn Trent
21-029Eastern_Seep	21-11261	MD21-01-018	6/19/01 11:40:00 AM	INV	NA	9.5	10	FT	R	QBT3	9090R	6/21/01	7/22/01	1	SVOC	207-08-9	Benzo(k)fluoranthene	0.37	MG/KG	U	U_LAB	U					Severn Trent
21-029Eastern_Seep	21-11261	MD21-01-018	6/19/01 11:40:00 AM	INV	NA	9.5	10	FT	R	QBT3	9090R	6/21/01	7/22/01	1	SVOC	218-01-9	Chrysene	0.37	MG/KG	U	U_LAB	U					Severn Trent
21-029Eastern_Seep	21-11261	MD21-01-018	6/19/01 11:40:00 AM	INV	NA	9.5	10	FT	R	QBT3	9090R	6/21/01	7/22/01	1	SVOC	53-70-3	Dibenz(a,h)anthracene	0.37	MG/KG	U	U_LAB	U					Severn Trent
21-029Eastern_Seep	21-11261	MD21-01-018	6/19/01 11:40:00 AM	INV	NA	9.5	10	FT	R	QBT3	9090R	6/21/01	7/22/01	1	SVOC	206-44-0	Fluoranthene	0.37	MG/KG	U	U_LAB	U					Severn Trent
21-029Eastern_Seep	21-11261	MD21-01-018	6/19/01 11:40:00 AM	INV	NA	9.5	10	FT	R	QBT3	9090R	6/21/01	7/22/01	1	SVOC	86-73-7	Fluorene	0.37	MG/KG	U	U_LAB	U					Severn Trent
21-029Eastern_Seep	21-11261	MD21-01-018	6/19/01 11:40:00 AM	INV	NA	9.5	10	FT	R	QBT3	9090R	6/21/01	7/22/01	1	SVOC	91-57-6	Methylnaphthalene[2-]	0.37	MG/KG	U	U_LAB	U					Severn Trent
21-029Eastern_Seep	21-11261	MD21-01-018	6/19/01 11:40:00 AM	INV	NA	9.5	10	FT	R	QBT3	9090R	6/21/01	7/22/01	1	SVOC	91-20-3	Naphthalene	0.37	MG/KG	U	U_LAB	U					Severn Trent
21-029Eastern_Seep	21-11261	MD21-01-018	6/19/01 11:40:00 AM	INV	NA	9.5	10	FT	R	QBT3	9090R	6/21/01	7/22/01	1	SVOC	85-01-8	Phenanthrene	0.37	MG/KG	U	U_LAB	U					Severn Trent
21-029Eastern_Seep	21-11261	MD21-01-018	6/19/01 11:40:00 AM	INV	NA	9.5	10	FT	R	QBT3	9090R	6/21/01	7/22/01	1	SVOC	129-00-0	Pyrene	1.8	MG/KG	U	U_LAB	U					Severn Trent
21-029Eastern_Seep	21-11261	MD21-01-018	6/19/01 11:40:00 AM	INV	NA	9.5	10	FT	R	QBT3	9091R	6/21/01	7/13/01	1	TAL_METALS	PB	Lead	5.9	MG/KG				PM	I14R	PM	I13R	Severn Trent
21-029Eastern_Seep	21-11261	MD21-01-018	6/19/01 11:40:00 AM	INV	NA	9.5	10	FT	R	QBT3	9090R	6/21/01	7/19/01	1	TPH_DRO	DRO	Diesel Range Organics	28	MG/KG	U	U_LAB	U					Severn Trent
21-029Eastern_Seep	21-11261	MD21-01-018	6/19/01 11:40:00 AM	INV	NA	9.5	10	FT	R	QBT3	9090R	6/21/01	7/3/01	1	TPH_GRO	GRO	Gasoline Range Organics	0.28	MG/KG	U	U_LAB	U					Severn Trent
21-029Eastern_Seep	21-11261	MD21-01-018	6/19/01 11:40:00 AM	INV	NA	9.5	10	FT	R	QBT3	9090R	6/21/01	7/1/01	1	VOC	71-43-2	Benzene	0.0056	MG/KG	U	U_LAB	U					Severn Trent
21-029Eastern_Seep	21-11261	MD21-01-018	6/19/01 11:40:00 AM	INV	NA	9.5	10	FT	R	QBT3	9090R	6/21/01	7/1/01	1	VOC	100-41-4	Ethylbenzene	0.0056	MG/KG	U	U_LAB	U					Severn Trent
21-029Eastern_Seep	21-11261	MD21-01-018	6/19/01 11:40:00 AM	INV	NA	9.5	10	FT	R	QBT3	9090R	6/21/01	7/1/01	1	VOC	108-88-3	Toluene	0.0056	MG/KG	U	U_LAB	U					Severn Trent
21-029Eastern_Seep	21-11261	MD21-01-018	6/19/01 11:40:00 AM	INV	NA	9.5	10	FT	R	QBT3	9090R	6/21/01	7/1/01	1	VOC	1330-20-7	Xylene (Total)	0.0056	MG/KG	U	U_LAB	U					Severn Trent
21-029Eastern_Seep	21-11261	MD21-01-018	6/19/01 11:40:00 AM	INV	NA	9.5	10	FT	R	QBT3	9090R	6/21/01	7/1/01	1	VOC	95-47-6	Xylene[1,2-]	0.0028	MG/KG	U	U_LAB	U					Severn Trent

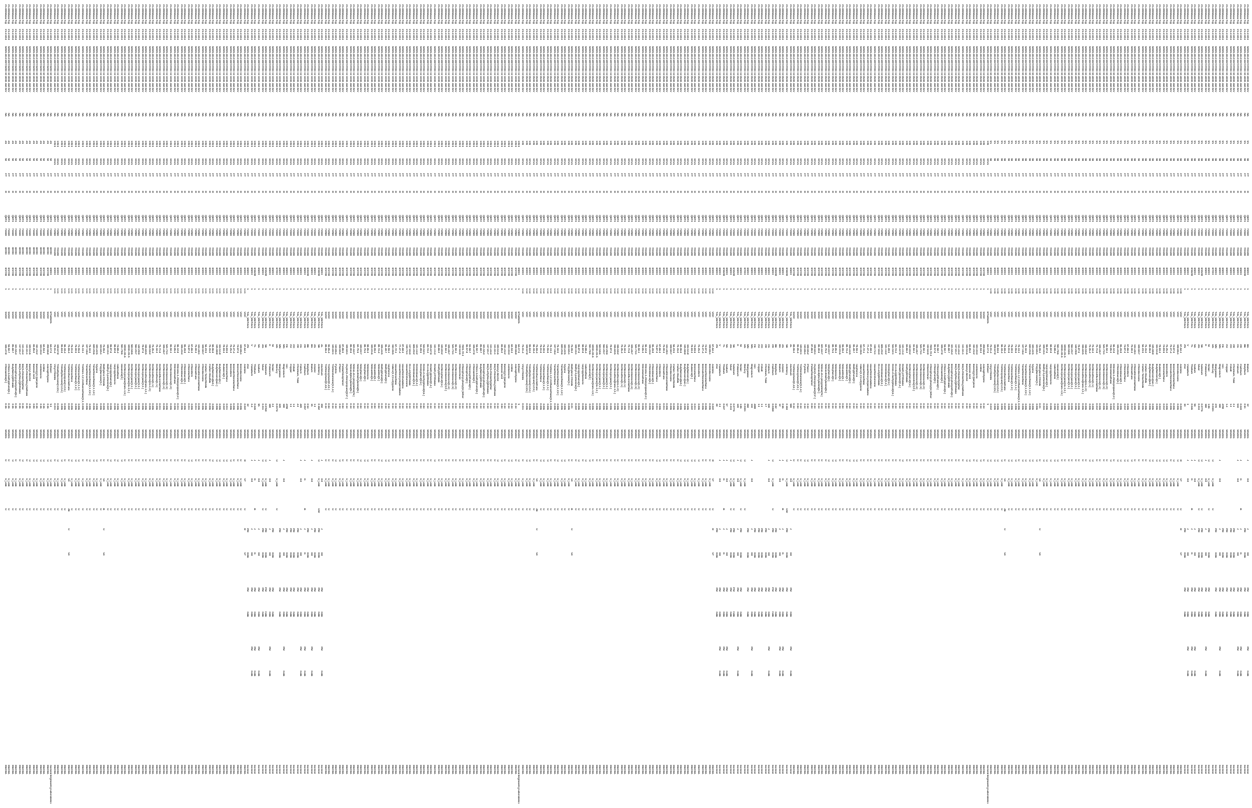
21-029Western Seep21-11147	MD21-00-0077/17/00 10:30:00 AM INV	NA	37	38	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	103-33-3	Azobenzene	0.34	MG/KG	U	U_LAB	U			RECRA
21-029Western Seep21-11147	MD21-00-0077/17/00 10:30:00 AM INV	NA	37	38	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	191-24-2	Benzo(g,h,i)perylene	0.34	MG/KG	U	U_LAB	U			RECRA
21-029Western Seep21-11147	MD21-00-0077/17/00 10:30:00 AM INV	NA	37	38	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	65-85-0	Benzoic Acid	0.84	MG/KG	U	U_LAB	U			RECRA
21-029Western Seep21-11147	MD21-00-0077/17/00 10:30:00 AM INV	NA	37	38	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	100-51-6	Benzyl Alcohol	0.34	MG/KG	U	U_LAB	U			RECRA
21-029Western Seep21-11147	MD21-00-0077/17/00 10:30:00 AM INV	NA	37	38	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	111-91-1	Bis(2-chloroethoxy)methane	0.34	MG/KG	U	U_LAB	U			RECRA
21-029Western Seep21-11147	MD21-00-0077/17/00 10:30:00 AM INV	NA	37	38	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	111-44-4	Bis(2-chloroethyl)ether	0.34	MG/KG	U	U_LAB	U			RECRA
21-029Western Seep21-11147	MD21-00-0077/17/00 10:30:00 AM INV	NA	37	38	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	117-81-7	Bis(2-ethylhexyl)phthalate	0.065	MG/KG	U	SV4	JB	U	SV4	RECRA
21-029Western Seep21-11147	MD21-00-0077/17/00 10:30:00 AM INV	NA	37	38	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	101-55-3	Bromophenyl-phenylether[4-]	0.34	MG/KG	U	U_LAB	U			RECRA
21-029Western Seep21-11147	MD21-00-0077/17/00 10:30:00 AM INV	NA	37	38	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	85-68-7	Butylbenzylphthalate	0.34	MG/KG	U	U_LAB	U			RECRA
21-029Western Seep21-11147	MD21-00-0077/17/00 10:30:00 AM INV	NA	37	38	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	59-50-7	Chloro-3-methylphenol[4-]	0.34	MG/KG	U	U_LAB	U			RECRA
21-029Western Seep21-11147	MD21-00-0077/17/00 10:30:00 AM INV	NA	37	38	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	106-47-8	Chloroaniline[4-]	0.34	MG/KG	U	U_LAB	U			RECRA
21-029Western Seep21-11147	MD21-00-0077/17/00 10:30:00 AM INV	NA	37	38	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	91-58-7	Chloronaphthalene[2-]	0.34	MG/KG	U	U_LAB	U			RECRA
21-029Western Seep21-11147	MD21-00-0077/17/00 10:30:00 AM INV	NA	37	38	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	95-57-8	Chlorophenol[2-]	0.34	MG/KG	U	U_LAB	U			RECRA
21-029Western Seep21-11147	MD21-00-0077/17/00 10:30:00 AM INV	NA	37	38	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	7005-72-3	Chlorophenyl-phenyl[4-] Ether	0.34	MG/KG	U	U_LAB	U			RECRA
21-029Western Seep21-11147	MD21-00-0077/17/00 10:30:00 AM INV	NA	37	38	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	132-64-9	Dibenzofuran	0.34	MG/KG	U	U_LAB	U			RECRA
21-029Western Seep21-11147	MD21-00-0077/17/00 10:30:00 AM INV	NA	37	38	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	95-50-1	Dichlorobenzene[1,2-]	0.34	MG/KG	U	U_LAB	U			RECRA
21-029Western Seep21-11147	MD21-00-0077/17/00 10:30:00 AM INV	NA	37	38	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	541-73-1	Dichlorobenzene[1,3-]	0.34	MG/KG	U	U_LAB	U			RECRA
21-029Western Seep21-11147	MD21-00-0077/17/00 10:30:00 AM INV	NA	37	38	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	106-46-7	Dichlorobenzene[1,4-]	0.34	MG/KG	U	U_LAB	U			RECRA
21-029Western Seep21-11147	MD21-00-0077/17/00 10:30:00 AM INV	NA	37	38	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	91-94-1	Dichlorobenzidine[3,3'-]	0.34	MG/KG	U	U_LAB	U			RECRA
21-029Western Seep21-11147	MD21-00-0077/17/00 10:30:00 AM INV	NA	37	38	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	120-83-2	Dichlorophenol[2,4-]	0.34	MG/KG	U	U_LAB	U			RECRA
21-029Western Seep21-11147	MD21-00-0077/17/00 10:30:00 AM INV	NA	37	38	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	84-66-2	Diethylphthalate	0.34	MG/KG	U	U_LAB	U			RECRA
21-029Western Seep21-11147	MD21-00-0077/17/00 10:30:00 AM INV	NA	37	38	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	131-11-3	Dimethyl Phthalate	0.34	MG/KG	U	U_LAB	U			RECRA
21-029Western Seep21-11147	MD21-00-0077/17/00 10:30:00 AM INV	NA	37	38	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	105-67-9	Dimethylphenol[2,4-]	0.34	MG/KG	U	U_LAB	U			RECRA
21-029Western Seep21-11147	MD21-00-0077/17/00 10:30:00 AM INV	NA	37	38	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	84-74-2	Di-n-butylphthalate	0.34	MG/KG	U	U_LAB	U			RECRA
21-029Western Seep21-11147	MD21-00-0077/17/00 10:30:00 AM INV	NA	37	38	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	534-52-1	Dinitro-2-methylphenol[4,6-]	0.84	MG/KG	U	U_LAB	U			RECRA
21-029Western Seep21-11147	MD21-00-0077/17/00 10:30:00 AM INV	NA	37	38	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	51-28-5	Dinitrophenol[2,4-]	0.84	MG/KG	UJ	SV7	U	UJ	SV7	RECRA
21-029Western Seep21-11147	MD21-00-0077/17/00 10:30:00 AM INV	NA	37	38	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	121-14-2	Dinitrotoluene[2,4-]	0.34	MG/KG	U	U_LAB	U			RECRA
21-029Western Seep21-11147	MD21-00-0077/17/00 10:30:00 AM INV	NA	37	38	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	606-20-2	Dinitrotoluene[2,6-]	0.34	MG/KG	U	U_LAB	U			RECRA
21-029Western Seep21-11147	MD21-00-0077/17/00 10:30:00 AM INV	NA	37	38	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	117-84-0	Di-n-octylphthalate	0.34	MG/KG	U	U_LAB	U			RECRA
21-029Western Seep21-11147	MD21-00-0077/17/00 10:30:00 AM INV	NA	37	38	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	118-74-1	Hexachlorobenzene	0.34	MG/KG	U	U_LAB	U			RECRA
21-029Western Seep21-11147	MD21-00-0077/17/00 10:30:00 AM INV	NA	37	38	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	87-68-3	Hexachlorobutadiene	0.34	MG/KG	U	U_LAB	U			RECRA
21-029Western Seep21-11147	MD21-00-0077/17/00 10:30:00 AM INV	NA	37	38	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	77-47-4	Hexachlorocyclopentadiene	0.34	MG/KG	U	U_LAB	U			RECRA
21-029Western Seep21-11147	MD21-00-0077/17/00 10:30:00 AM INV	NA	37	38	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	67-72-1	Hexachloroethane	0.34	MG/KG	U	U_LAB	U			RECRA
21-029Western Seep21-11147	MD21-00-0077/17/00 10:30:00 AM INV	NA	37	38	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	193-39-5	Indeno(1,2,3-cd)pyrene	0.34	MG/KG	U	U_LAB	U			RECRA
21-029Western Seep21-11147	MD21-00-0077/17/00 10:30:00 AM INV	NA	37	38	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	78-59-1	Isophorone	0.34	MG/KG	U	U_LAB	U			RECRA
21-029Western Seep21-11147	MD21-00-0077/17/00 10:30:00 AM INV	NA	37	38	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	95-48-7	Methylphenol[2-]	0.34	MG/KG	U	U_LAB	U			RECRA
21-029Western Seep21-11147	MD21-00-0077/17/00 10:30:00 AM INV	NA	37	38	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	106-44-5	Methylphenol[4-]	0.34	MG/KG	U	U_LAB	U			RECRA
21-029Western Seep21-11147	MD21-00-0077/17/00 10:30:00 AM INV	NA	37	38	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	88-74-4	Nitroaniline[2-]	0.84	MG/KG	U	U_LAB	U			RECRA
21-029Western Seep21-11147	MD21-00-0077/17/00 10:30:00 AM INV	NA	37	38	FT	R	QBT3	7130R	7/20/00	8/10/00	1	SVOC	99-09-2	Nitroaniline[3-]	0.84	MG/KG	U	U_LAB	U			RECRA
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]



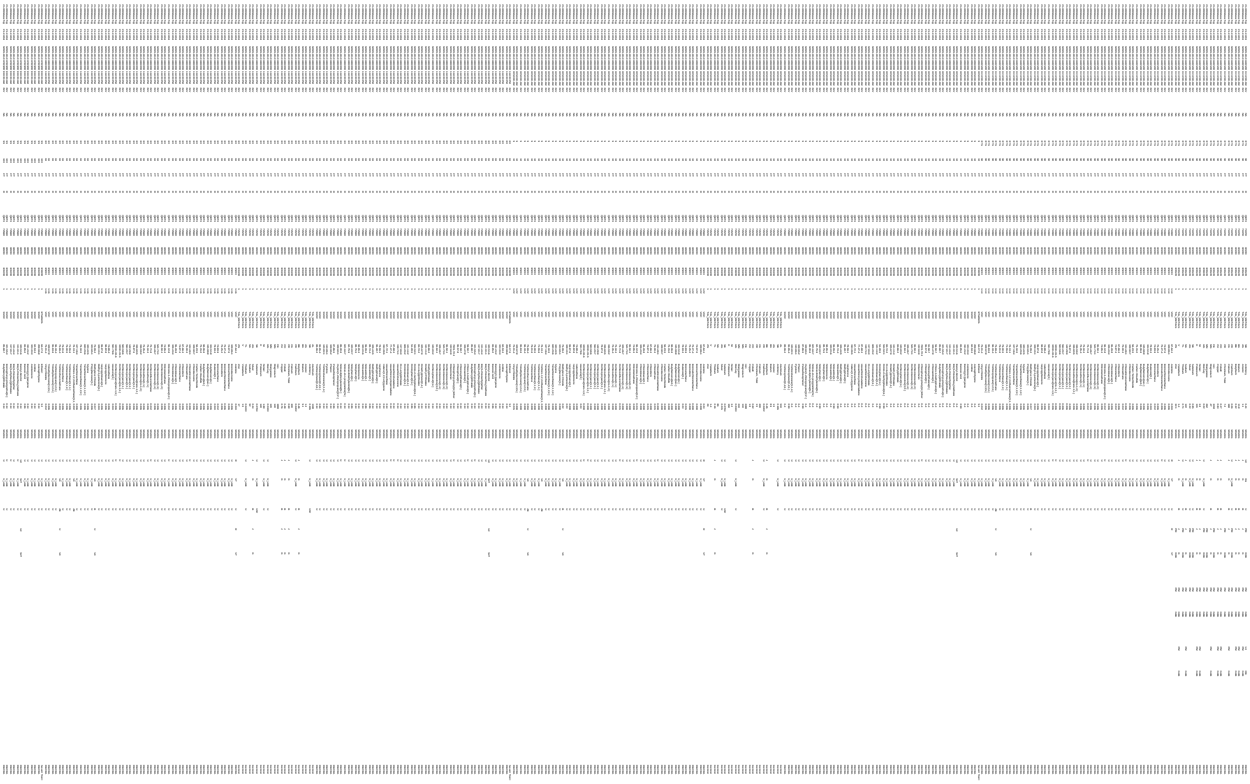


21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	7005-72-3	Chlorophenyl-phenyl[4-] Ether	0.35	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	132-64-9	Dibenzofuran	0.35	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	95-50-1	Dichlorobenzene[1,2-]	0.35	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	541-73-1	Dichlorobenzene[1,3-]	0.35	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	106-46-7	Dichlorobenzene[1,4-]	0.35	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	91-94-1	Dichlorobenzidine[3,3'-]	0.35	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	120-83-2	Dichlorophenol[2,4-]	0.35	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	84-66-2	Diethylphthalate	0.35	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	131-11-3	Dimethyl Phthalate	0.35	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	105-67-9	Dimethylphenol[2,4-]	0.35	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	84-74-2	Di-n-butylphthalate	0.35	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	534-52-1	Dinitro-2-methylphenol[4,6-]	0.88	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	51-28-5	Dinitrophenol[2,4-]	0.88	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	121-14-2	Dinitrotoluene[2,4-]	0.35	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	606-20-2	Dinitrotoluene[2,6-]	0.35	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	117-84-0	Di-n-octylphthalate	0.35	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	118-74-1	Hexachlorobenzene	0.35	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	87-68-3	Hexachlorobutadiene	0.35	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	77-47-4	Hexachlorocyclopentadiene	0.35	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	67-72-1	Hexachloroethane	0.35	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	193-39-5	Indeno(1,2,3-cd)pyrene	0.35	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	78-59-1	Isophorone	0.35	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	95-48-7	Methylphenol[2-]	0.35	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	106-44-5	Methylphenol[4-]	0.35	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	88-74-4	Nitroaniline[2-]	0.88	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	99-09-2	Nitroaniline[3-]	0.88	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	100-01-6	Nitroaniline[4-]	0.35	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	98-95-3	Nitrobenzene	0.35	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	88-75-5	Nitrophenol[2-]	0.35	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	100-02-7	Nitrophenol[4-]	0.88	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	62-75-9	Nitrosodimethylamine[N-]	0.35	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	621-64-7	Nitroso-di-n-propylamine[N-]	0.35	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	86-30-6	Nitrosodiphenylamine[N-]	0.35	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	108-60-1	Oxybis(1-chloropropane)[2,2'-]	0.35	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	87-86-5	Pentachlorophenol	0.88	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	108-95-2	Phenol	0.35	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	110-86-1	Pyridine	0.35	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	120-82-1	Trichlorobenzene[1,2,4-]	0.35	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	95-95-4	Trichlorophenol[2,4,5-]	0.88	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	88-06-2	Trichlorophenol[2,4,6-]	0.35	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7138R	7/24/00	8/6/00	1	TAL_METALS	AL	Aluminum	1900	MG/KG				PM	I13B	PM	I14B			Kemron
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7138R	7/24/00	8/9/00	1	TAL_METALS	SB	Antimony	0.169	MG/KG	UJ	I3e	U	PM	I13B	PM	I14B	UJ	I3E	Kemron
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7138R	7/24/00	8/6/00	1	TAL_METALS	AS	Arsenic	1.6	MG/KG				PM	I13B	PM	I14B			Kemron
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7138R	7/24/00	8/6/00	1	TAL_METALS	BA	Barium	15	MG/KG				PM	I13B	PM	I14B			Kemron
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7138R	7/24/00	8/6/00	1	TAL_METALS	BE	Beryllium	0.59	MG/KG				PM	I13B	PM	I14B			Kemron
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7138R	7/24/00	8/6/00	1	TAL_METALS	CD	Cadmium	0.063	MG/KG	J	I1	B	J	I1	PM	I13B	PM	I14B	Kemron
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7138R	7/24/00	8/6/00	1	TAL_METALS	CA	Calcium	330	MG/KG				PM	I13B	PM	I14B			Kemron
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7138R	7/24/00	8/6/00	1	TAL_METALS	CR	Chromium, Total	2.3	MG/KG				PM	I13B	PM	I14B			Kemron
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7138R	7/24/00	8/6/00	1	TAL_METALS	CO	Cobalt	1.7	MG/KG				PM	I13B	PM	I14B			Kemron
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7138R	7/24/00	8/6/00	1	TAL_METALS	CU	Copper	1.9	MG/KG				PM	I13B	PM	I14B			Kemron
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7138R	7/24/00	8/6/00	1	TAL_METALS	FE	Iron	8000	MG/KG				PM	I13B	PM	I14B			Kemron
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7138R	7/24/00	8/6/00	1	TAL_METALS	MG	Magnesium	280	MG/KG				PM	I13B	PM	I14B			Kemron
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7138R	7/24/00	8/6/00	1	TAL_METALS	MN	Manganese	320	MG/KG	J-	I3a		J-	I3A	PM	I13B	PM	I14B	Kemron
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7138R	7/24/00	7/30/00	1	TAL_METALS	HG	Mercury	0.0187	MG/KG	U	U_LAB	U	PM	I13B	PM	I14B			Kemron
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7138R	7/24/00	8/6/00	1	TAL_METALS	NI	Nickel	1.92	MG/KG	U	U_LAB	U	PM	I13B	PM	I14B			Kemron
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7138R	7/24/00	8/6/00	1	TAL_METALS	K	Potassium	240	MG/KG				PM	I13B	PM	I14B			Kemron
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7138R	7/24/00	8/15/00	1	TAL_METALS	SE	Selenium	0.08	MG/KG	UJ	I3e	U	PM	I13B	PM	I14B	UJ	I3E	Kemron
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7138R	7/24/00	8/6/00	1	TAL_METALS	AG	Silver	0.22	MG/KG	U	U_LAB	U	PM	I13B	PM	I14B			Kemron
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7138R	7/24/00	8/6/00	1	TAL_METALS	NA	Sodium	93	MG/KG				PM	I13B	PM	I14B			Kemron
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7138R	7/24/00	8/10/00	1	TAL_METALS	TL	Thallium	0.067	MG/KG	J	I10	B	J	I10	PM	I13B	PM	I14B	Kemron
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7138R	7/24/00	8/6/00	1	TAL_METALS	V	Vanadium	4.9	MG/KG				PM	I13B	PM	I14B			Kemron
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7138R	7/24/00	8/6/00	1	TAL_METALS	ZN	Zinc	48	MG/KG				PM	I13B	PM	I14B			Kemron
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	67-64-1	Acetone	0.024	MG/KG	R	V7	U	R	V7					RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	108-86-1	Bromobenzene	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	74-97-5	Bromochloromethane	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	75-27-4	Bromodichloromethane	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	75-25-2	Bromoform	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	74-83-9	Bromomethane	0.012	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	78-93-3	Butanone[2-]	0.024	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	104-51-8	Butylbenzene[n-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	135-98-8	Butylbenzene[sec-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	98-06-6	Butylbenzene[tert-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	75-15-0	Carbon Disulfide	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	56-23-5	Carbon Tetrachloride	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	108-90-7	Chlorobenzene	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	124-48-1	Chlorodibromomethane	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	75-00-3	Chloroethane	0.012	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	67-66-3	Chloroform	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	74-87-3	Chloromethane	0.012	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	95-49-8	Chlorotoluene[2-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	106-43-4	Chlorotoluene[4-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	96-12-8	Dibromo-3-chloropropane[1,2-]	0.012	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	74-95-3	Dibromomethane	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	95-50-1	Dichlorobenzene[1,2-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	541-73-1	Dichlorobenzene[1,3-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	106-46-7	Dichlorobenzene[1,4-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	75-71-8	Dichlorodifluoromethane	0.012	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	75-34-3	Dichloroethane[1,1-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	75-35-4	Dichloroethene[1,1-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	156-59-2	Dichloroethene[cis-1,2-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	156-60-5	Dichloroethene[trans-1,2-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	78-87-5	Dichloropropane[1,2-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	142-28-9	Dichloropropane[1,3-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	594-20-7	Dichloropropane[2,2-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	563-58-6	Dichloropropene[1,1-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	10061-01-5	Dichloropropene[cis-1,3-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	10061-02-6	Dichloropropene[trans-1,3-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	591-78-6	Hexanone[2-]	0.024	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	74-88-4	Iodomethane	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	98-82-8	Isopropylbenzene	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	99-87-6	Isopropyltoluene[4-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	108-10-1	Methyl-2-pentanone[4-]	0.024	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	75-09-2	Methylene Chloride	0.012	MG/KG	U	V4	B	U	V4					RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	103-65-1	Propylbenzene[1-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	100-42-5	Styrene	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	630-20-6	Tetrachloroethane[1,1,1,2-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	79-34-5	Tetrachloroethane[1,1,2,2-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	127-18-4	Tetrachloroethene	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	76-13-1	Trichloro-1,2,2-trifluoroethane[1,1,	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	71-55-6	Trichloroethane[1,1,1-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	79-00-5	Trichloroethane[1,1,2-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	79-01-6	Trichloroethene	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	75-69-4	Trichlorofluoromethane	0.002	MG/KG	U	V4	JB	U	V4					RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	96-18-4	Trichloropropane[1,2,3-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	95-63-6	Trimethylbenzene[1,2,4-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	108-67-8	Trimethylbenzene[1,3,5-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 10:50:00 AM	INV	NA	51	52	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	75-01-4	Vinyl Chloride	0.012	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7137R	7/24/00	7/28/00	1	ETHANOL	64-17-5	Ethanol	5.3	MG/KG	U	U_LAB	U							Severn Trent
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	208-96-8	Acenaphthylene	0.35	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	62-53-3	Aniline	0.35	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	103-33-3	Azobenzene	0.35	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	191-24-2	Benzo(g,h,i)perylene	0.35	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	65-85-0	Benzoic Acid	0.87	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	100-51-6	Benzyl Alcohol	0.35	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	111-91-1	Bis(2-chloroethoxy)methane	0.35	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	111-44-4	Bis(2-chloroethyl)ether	0.35	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	117-81-7	Bis(2-ethylhexyl)phthalate	0.072	MG/KG	U	SV5	JB	U	SV5					RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	101-55-3	Bromophenyl-phenylether[4-]	0.35	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	85-68-7	Butylbenzylphthalate	0.35	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	59-50-7	Chloro-3-methylphenol[4-]	0.35	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	106-47-8	Chloroaniline[4-]	0.35	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	91-58-7	Chloronaphthalene[2-]	0.35	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	95-57-8	Chlorophenol[2-]	0.35	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	7005-72-3	Chlorophenyl-phenyl[4-] Ether	0.35	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	132-64-9	Dibenzofuran	0.35	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	95-50-1	Dichlorobenzene[1,2-]	0.35	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	541-73-1	Dichlorobenzene[1,3-]	0.35	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	106-46-7	Dichlorobenzene[1,4-]	0.35	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	91-94-1	Dichlorobenzidine[3,3'-]	0.35	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	120-83-2	Dichlorophenol[2,4-]	0.35	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	84-66-2	Diethylphthalate	0.35	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	131-11-3	Dimethyl Phthalate	0.35	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	105-67-9	Dimethylphenol[2,4-]	0.35	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	84-74-2	Di-n-butylphthalate	0.35	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	534-52-1	Dinitro-2-methylphenol[4,6-]	0.87	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	51-28-5	Dinitrophenol[2,4-]	0.87	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	121-14-2	Dinitrotoluene[2,4-]	0.35	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	606-20-2	Dinitrotoluene[2,6-]	0.35	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	117-84-0	Di-n-octylphthalate	0.35	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	118-74-1	Hexachlorobenzene	0.35	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	87-68-3	Hexachlorobutadiene	0.35	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	77-47-4	Hexachlorocyclopentadiene	0.35	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	67-72-1	Hexachloroethane	0.35	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	193-39-5	Indeno(1,2,3-cd)pyrene	0.35	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	78-59-1	Isophorone	0.35	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	95-48-7	Methylphenol[2-]	0.35	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	106-44-5	Methylphenol[4-]	0.35	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	88-74-4	Nitroaniline[2-]	0.87	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	99-09-2	Nitroaniline[3-]	0.87	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	100-01-6	Nitroaniline[4-]	0.35	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	98-95-3	Nitrobenzene	0.35	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	88-75-5	Nitrophenol[2-]	0.35	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	100-02-7	Nitrophenol[4-]	0.87	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	62-75-9	Nitrosodimethylamine[N-]	0.35	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	621-64-7	Nitroso-di-n-propylamine[N-]	0.35	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	86-30-6	Nitrosodiphenylamine[N-]	0.35	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	108-60-1	Oxybis(1-chloropropane)[2,2'-]	0.35	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	87-86-5	Pentachlorophenol	0.87	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	108-95-2	Phenol	0.35	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	110-86-1	Pyridine	0.35	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	120-82-1	Trichlorobenzene[1,2,4-]	0.35	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	95-95-4	Trichlorophenol[2,4,5-]	0.87	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	8/11/00	1	SVOC	88-06-2	Trichlorophenol[2,4,6-]	0.35	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7138R	7/24/00	8/6/00	1	TAL_METALS	AL	Aluminum	310	MG/KG				PM	I13B	PM	I14B			Kemron
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7138R	7/24/00	8/9/00	1	TAL_METALS	SB	Antimony	0.169	MG/KG	UJ	I3e	U	PM	I13B	PM	I14B	UJ	I3E	Kemron
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7138R	7/24/00	8/6/00	1	TAL_METALS	AS	Arsenic	1.4	MG/KG				PM	I13B	PM	I14B			Kemron
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7138R	7/24/00	8/6/00	1	TAL_METALS	BA	Barium	11	MG/KG				PM	I13B	PM	I14B			Kemron
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7138R	7/24/00	8/6/00	1	TAL_METALS	BE	Beryllium	0.36	MG/KG	J	I1	B	J	I1	PM	I13B	PM	I14B	Kemron
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7138R	7/24/00	8/6/00	1	TAL_METALS	CD	Cadmium	0.0411	MG/KG	U	U_LAB	U	PM	I13B	PM	I14B			Kemron
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7138R	7/24/00	8/6/00	1	TAL_METALS	CA	Calcium	160	MG/KG				PM	I13B	PM	I14B			Kemron
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7138R	7/24/00	8/6/00	1	TAL_METALS	CR	Chromium, Total	0.4	MG/KG	J	I1	B	J	I1	PM	I13B	PM	I14B	Kemron
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7138R	7/24/00	8/6/00	1	TAL_METALS	CO	Cobalt	1.3	MG/KG				PM	I13B	PM	I14B			Kemron
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7138R	7/24/00	8/6/00	1	TAL_METALS	CU	Copper	1.4	MG/KG				PM	I13B	PM	I14B			Kemron
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7138R	7/24/00	8/6/00	1	TAL_METALS	FE	Iron	5800	MG/KG				PM	I13B	PM	I14B			Kemron
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7138R	7/24/00	8/6/00	1	TAL_METALS	MG	Magnesium	64	MG/KG				PM	I13B	PM	I14B			Kemron
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7138R	7/24/00	8/6/00	1	TAL_METALS	MN	Manganese	300	MG/KG	J-	I3a		J-	I3A	PM	I13B	PM	I14B	Kemron
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7138R	7/24/00	7/30/00	1	TAL_METALS	HG	Mercury	0.0187	MG/KG	U	U_LAB	U	PM	I13B	PM	I14B			Kemron
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7138R	7/24/00	8/6/00	1	TAL_METALS	NI	Nickel	1.92	MG/KG	U	U_LAB	U	PM	I13B	PM	I14B			Kemron
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7138R	7/24/00	8/6/00	1	TAL_METALS	K	Potassium	84	MG/KG				PM	I13B	PM	I14B			Kemron
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7138R	7/24/00	8/15/00	1	TAL_METALS	SE	Selenium	0.08	MG/KG	UJ	I3e	U	PM	I13B	PM	I14B	UJ	I3E	Kemron
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7138R	7/24/00	8/6/00	1	TAL_METALS	AG	Silver	0.22	MG/KG	U	U_LAB	U	PM	I13B	PM	I14B			Kemron
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7138R	7/24/00	8/6/00	1	TAL_METALS	NA	Sodium	61	MG/KG				PM	I13B	PM	I14B			Kemron
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7138R	7/24/00	8/10/00	1	TAL_METALS	TL	Thallium	0.05	MG/KG	J	I10	B	J	I10	PM	I13B	PM	I14B	Kemron
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7138R	7/24/00	8/6/00	1	TAL_METALS	V	Vanadium	2.8	MG/KG				PM	I13B	PM	I14B			Kemron
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7138R	7/24/00	8/6/00	1	TAL_METALS	ZN	Zinc	38	MG/KG				PM	I13B	PM	I14B			Kemron
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	67-64-1	Acetone	0.024	MG/KG	R	V7	U	R	V7					RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	108-86-1	Bromobenzene	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	74-97-5	Bromochloromethane	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	75-27-4	Bromodichloromethane	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	75-25-2	Bromoform	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	74-83-9	Bromomethane	0.012	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	78-93-3	Butanone[2-]	0.024	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	104-51-8	Butylbenzene[n-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	135-98-8	Butylbenzene[sec-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	98-06-6	Butylbenzene[tert-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	75-15-0	Carbon Disulfide	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	56-23-5	Carbon Tetrachloride	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	108-90-7	Chlorobenzene	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	124-48-1	Chlorodibromomethane	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	75-00-3	Chloroethane	0.012	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	67-66-3	Chloroform	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	74-87-3	Chloromethane	0.012	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	95-49-8	Chlorotoluene[2-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	106-43-4	Chlorotoluene[4-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	96-12-8	Dibromo-3-chloropropane[1,2-]	0.012	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	74-95-3	Dibromomethane	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	95-50-1	Dichlorobenzene[1,2-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	541-73-1	Dichlorobenzene[1,3-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	106-46-7	Dichlorobenzene[1,4-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	75-71-8	Dichlorodifluoromethane	0.012	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	75-34-3	Dichloroethane[1,1-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	75-35-4	Dichloroethene[1,1-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	156-59-2	Dichloroethene[cis-1,2-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	156-60-5	Dichloroethene[trans-1,2-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	78-87-5	Dichloropropane[1,2-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	142-28-9	Dichloropropane[1,3-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	594-20-7	Dichloropropane[2,2-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	563-58-6	Dichloropropene[1,1-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	10061-01-5	Dichloropropene[cis-1,3-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	10061-02-6	Dichloropropene[trans-1,3-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	591-78-6	Hexanone[2-]	0.024	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	74-88-4	Iodomethane	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	98-82-8	Isopropylbenzene	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	99-87-6	Isopropyltoluene[4-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	108-10-1	Methyl-2-pentanone[4-]	0.024	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	75-09-2	Methylene Chloride	0.013	MG/KG	U	V4	B	U	V4					RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	103-65-1	Propylbenzene[1-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	100-42-5	Styrene	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	630-20-6	Tetrachloroethane[1,1,1,2-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	79-34-5	Tetrachloroethane[1,1,2,2-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	127-18-4	Tetrachloroethene	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	76-13-1	Trichloro-1,2,2-trifluoroethane[1,1,	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	71-55-6	Trichloroethane[1,1,1-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	79-00-5	Trichloroethane[1,1,2-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	79-01-6	Trichloroethene	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	75-69-4	Trichlorofluoromethane	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	96-18-4	Trichloropropane[1,2,3-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	95-63-6	Trimethylbenzene[1,2,4-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	108-67-8	Trimethylbenzene[1,3,5-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Western Seep	21-11148	MD21-00-009	7/20/00 1:30:00 PM	INV	NA	64	65	FT	R	QBT3	7136R	7/24/00	7/26/00	1.14	VOC	75-01-4	Vinyl Chloride	0.012	MG/KG	U	U_LAB	U							RECRA
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7201R	7/27/00	8/8/00	1	ETHANOL	64-17-5	Ethanol	5.2	MG/KG	U	U_LAB	U							General Engineering Laboratories
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7200R	7/27/00	8/15/00	1	SVOC	208-96-8	Acenaphthylene	0.34	MG/KG	U	U_LAB	U							RECRA
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7200R	7/27/00	8/15/00	1	SVOC	62-53-3	Aniline	0.34	MG/KG	U	U_LAB	U							RECRA
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7200R	7/27/00	8/15/00	1	SVOC	103-33-3	Azobenzene	0.34	MG/KG	U	U_LAB	U							RECRA
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7200R	7/27/00	8/15/00	1	SVOC	191-24-2	Benzo(g,h,i)perylene	0.34	MG/KG	U	U_LAB	U							RECRA
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7200R	7/27/00	8/15/00	1	SVOC	65-85-0	Benzoic Acid	0.85	MG/KG	U	U_LAB	U							RECRA
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7200R	7/27/00	8/15/00	1	SVOC	100-51-6	Benzyl Alcohol	0.34	MG/KG	UJ	SV7	U	UJ	SV7					RECRA
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7200R	7/27/00	8/15/00	1	SVOC	111-91-1	Bis(2-chloroethoxy)methane	0.34	MG/KG	U	U_LAB	U							RECRA
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7200R	7/27/00	8/15/00	1	SVOC	111-44-4	Bis(2-chloroethyl)ether	0.34	MG/KG	U	U_LAB	U							RECRA
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7200R	7/27/00	8/15/00	1	SVOC	117-81-7	Bis(2-ethylhexyl)phthalate	0.34	MG/KG	U	U_LAB	U							RECRA
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7200R	7/27/00	8/15/00	1	SVOC	101-55-3	Bromophenyl-phenylether[4-]	0.34	MG/KG	U	U_LAB	U							RECRA
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7200R	7/27/00	8/15/00	1	SVOC	85-68-7	Butylbenzylphthalate	0.34	MG/KG	U	U_LAB	U							RECRA
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7200R	7/27/00	8/15/00	1	SVOC	59-50-7	Chloro-3-methylphenol[4-]	0.34	MG/KG	U	U_LAB	U							RECRA
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7200R	7/27/00	8/15/00	1	SVOC	106-47-8	Chloroaniline[4-]	0.34	MG/KG	U	U_LAB	U							RECRA
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7200R	7/27/00	8/15/00	1	SVOC	91-58-7	Chloronaphthalene[2-]	0.34	MG/KG	U	U_LAB	U							RECRA
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7200R	7/27/00	8/15/00	1	SVOC	95-57-8	Chlorophenol[2-]	0.34	MG/KG	U	U_LAB	U							RECRA
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7200R	7/27/00	8/15/00	1	SVOC	7005-72-3	Chlorophenyl-phenyl[4-] Ether	0.34	MG/KG	U	U_LAB	U							RECRA
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7200R	7/27/00	8/15/00	1	SVOC	132-64-9	Dibenzofuran	0.34	MG/KG	U	U_LAB	U							RECRA
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7200R	7/27/00	8/15/00	1	SVOC	95-50-1	Dichlorobenzene[1,2-]	0.34	MG/KG	U	U_LAB	U							RECRA
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7200R	7/27/00	8/15/00	1	SVOC	541-73-1	Dichlorobenzene[1,3-]	0.34	MG/KG	U	U_LAB	U							RECRA
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7200R	7/27/00	8/15/00	1	SVOC	106-46-7	Dichlorobenzene[1,4-]	0.34	MG/KG	U	U_LAB	U							RECRA
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7200R	7/27/00	8/15/00	1	SVOC	91-94-1	Dichlorobenzidine[3,3'-]	0.34	MG/KG	U	U_LAB	U							RECRA
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7200R	7/27/00	8/15/00	1	SVOC	120-83-2	Dichlorophenol[2,4-]	0.34	MG/KG	U	U_LAB	U							RECRA
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7200R	7/27/00	8/15/00	1	SVOC	84-66-2	Diethylphthalate	0.34	MG/KG	U	U_LAB	U							RECRA
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7200R	7/27/00	8/15/00	1	SVOC	131-11-3	Dimethyl Phthalate	0.34	MG/KG	U	U_LAB	U							RECRA
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7200R	7/27/00	8/15/00	1	SVOC	105-67-9	Dimethylphenol[2,4-]	0.34	MG/KG	U	U_LAB	U							RECRA
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7200R	7/27/00	8/15/00	1	SVOC	84-74-2	Di-n-butylphthalate	0.34	MG/KG	U	U_LAB	U							RECRA
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7200R	7/27/00	8/15/00	1	SVOC	534-52-1	Dinitro-2-methylphenol[4,6-]	0.85	MG/KG	U	U_LAB	U							RECRA
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7200R	7/27/00	8/15/00	1	SVOC	51-28-5	Dinitrophenol[2,4-]	0.85	MG/KG	U	U_LAB	U							RECRA
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7200R	7/27/00	8/15/00	1	SVOC	121-14-2	Dinitrotoluene[2,4-]	0.34	MG/KG	U	U_LAB	U							RECRA
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7200R	7/27/00	8/15/00	1	SVOC	606-20-2	Dinitrotoluene[2,6-]	0.34	MG/KG	U	U_LAB	U							RECRA
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7200R	7/27/00	8/15/00	1	SVOC	117-84-0	Di-n-octylphthalate	0.34	MG/KG	U	U_LAB	U							RECRA
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7200R	7/27/00	8/15/00	1	SVOC	118-74-1	Hexachlorobenzene	0.34	MG/KG	U	U_LAB	U							RECRA
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7200R	7/27/00	8/15/00	1	SVOC	87-68-3	Hexachlorobutadiene	0.34	MG/KG	U	U_LAB	U							RECRA
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7200R	7/27/00	8/15/00	1	SVOC	77-47-4	Hexachlorocyclopentadiene	0.34	MG/KG	U	U_LAB	U							RECRA
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7200R	7/27/00	8/15/00	1	SVOC	67-72-1	Hexachloroethane	0.34	MG/KG	U	U_LAB	U							RECRA
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7200R	7/27/00	8/15/00	1	SVOC	193-39-5	Indeno(1,2,3-cd)pyrene	0.34	MG/KG	U	U_LAB	U							RECRA
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7200R	7/27/00	8/15/00	1	SVOC	78-59-1	Isophorone	0.34	MG/KG	U	U_LAB	U							RECRA
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7200R	7/27/00	8/15/00	1	SVOC	95-48-7	Methylphenol[2-]	0.34	MG/KG	U	U_LAB	U							RECRA
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7200R	7/27/00	8/15/00	1	SVOC	106-44-5	Methylphenol[4-]	0.34	MG/KG	U	U_LAB	U							RECRA
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7200R	7/27/00	8/15/00	1	SVOC	88-74-4	Nitroaniline[2-]	0.85	MG/KG	U	U_LAB	U							RECRA
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7200R	7/27/00	8/15/00	1	SVOC	99-09-2	Nitroaniline[3-]	0.85	MG/KG	U	U_LAB	U							RECRA
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7200R	7/27/00	8/15/00	1	SVOC	100-01-6	Nitroaniline[4-]	0.34	MG/KG	U	U_LAB	U							RECRA
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7200R	7/27/00	8/15/00	1	SVOC	98-95-3	Nitrobenzene	0.34	MG/KG	U	U_LAB	U							RECRA
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7200R	7/27/00	8/15/00	1	SVOC	88-75-5	Nitrophenol[2-]	0.34	MG/KG	U	U_LAB	U							RECRA
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7200R	7/27/00	8/15/00	1	SVOC	100-02-7	Nitrophenol[4-]	0.85	MG/KG	U	U_LAB	U							RECRA
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7200R	7/27/00	8/15/00	1	SVOC	62-75-9	Nitrosodimethylamine[N-]	0.34	MG/KG	U	U_LAB	U							RECRA
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7200R	7/27/00	8/15/00	1	SVOC	621-64-7	Nitroso-di-n-propylamine[N-]	0.34	MG/KG	UJ	SV7	U	UJ	SV7					RECRA
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7200R	7/27/00	8/15/00	1	SVOC	86-30-6	Nitrosodiphenylamine[N-]	0.34	MG/KG	U	U_LAB	U							RECRA
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7200R	7/27/00	8/15/00	1	SVOC	108-60-1	Oxybis(1-chloropropane)[2,2'-]	0.34	MG/KG	U	U_LAB	U							RECRA
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7200R	7/27/00	8/15/00	1	SVOC	87-86-5	Pentachlorophenol	0.85	MG/KG	U	U_LAB	U							RECRA
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7200R	7/27/00	8/15/00	1	SVOC	108-95-2	Phenol	0.34	MG/KG	U	U_LAB	U							RECRA
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7200R	7/27/00	8/15/00	1	SVOC	110-86-1	Pyridine	0.34	MG/KG	U	U_LAB	U							RECRA
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7200R	7/27/00	8/15/00	1	SVOC	120-82-1	Trichlorobenzene[1,2,4-]	0.34	MG/KG	U	U_LAB	U							RECRA
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7200R	7/27/00	8/15/00	1	SVOC	95-95-4	Trichlorophenol[2,4,5-]	0.85	MG/KG	U	U_LAB	U							RECRA
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7200R	7/27/00	8/15/00	1	SVOC	88-06-2	Trichlorophenol[2,4,6-]	0.34	MG/KG	U	U_LAB	U							RECRA
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7202R	7/27/00	8/15/00	1	TAL_METALS	AL	Aluminum	2000	MG/KG	J	I10		J	I10					Kemron
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7202R	7/27/00	8/15/00	1	TAL_METALS	SB	Antimony	0.165	MG/KG	U	U_LAB	U							Kemron
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7202R	7/27/00	8/6/00	1	TAL_METALS	AS	Arsenic	1.4	MG/KG										Kemron
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7202R	7/27/00	8/6/00	1	TAL_METALS	BA	Barium	19	MG/KG	J	I10		J	I10					Kemron
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7202R	7/27/00	8/20/00	1	TAL_METALS	BE	Beryllium	0.46	MG/KG	J	I1	B	J	I1					Kemron
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7202R	7/27/00	8/6/00	1	TAL_METALS	CD	Cadmium	0.049	MG/KG	J	I1	B	J	I1					Kemron
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7202R	7/27/00	8/6/00	1	TAL_METALS	CA	Calcium	350	MG/KG	J	I10		J	I10					Kemron
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7202R	7/27/00	8/6/00	1	TAL_METALS	CR	Chromium, Total	2.2	MG/KG										Kemron
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7202R	7/27/00	8/6/00	1	TAL_METALS	CO	Cobalt	1.4	MG/KG										Kemron
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7202R	7/27/00	8/6/00	1	TAL_METALS	CU	Copper	2	MG/KG										Kemron
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7202R	7/27/00	8/6/00	1	TAL_METALS	FE	Iron	4900	MG/KG										Kemron
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7202R	7/27/00	8/6/00	1	TAL_METALS	MG	Magnesium	270	MG/KG	J	I10		J	I10					Kemron
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7202R	7/27/00	8/6/00	1	TAL_METALS	MN	Manganese	250	MG/KG										Kemron
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7202R	7/27/00	8/7/00	1	TAL_METALS	HG	Mercury	0.0183	MG/KG	U	U_LAB	U	PM	I13B	PM	I14B			Kemron
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7202R	7/27/00	8/6/00	1	TAL_METALS	NI	Nickel	1.88	MG/KG	U	U_LAB	U							Kemron
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7202R	7/27/00	8/6/00	1	TAL_METALS	K	Potassium	250	MG/KG	J	I10		J	I10					Kemron
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7202R	7/27/00	8/15/00	1	TAL_METALS	SE	Selenium	0.0784	MG/KG	U	U_LAB	UW	PM	I13B	PM	I14B			Kemron
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7202R	7/27/00	8/6/00	1	TAL_METALS	AG	Silver	0.215	MG/KG	U	U_LAB	U							Kemron
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7202R	7/27/00	8/6/00	1	TAL_METALS	NA	Sodium	110	MG/KG	J	I10		J	I10					Kemron
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7202R	7/27/00	8/15/00	1	TAL_METALS	TL	Thallium	0.18	MG/KG	J	I1	B	J	I1					Kemron
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7202R	7/27/00	8/6/00	1	TAL_METALS	V	Vanadium	2.5	MG/KG	J	I10		J	I10					Kemron
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7202R	7/27/00	8/6/00	1	TAL_METALS	ZN	Zinc	56	MG/KG										Kemron
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7200R	7/27/00	7/30/00	1.16	VOC	67-64-1	Acetone	0.024	MG/KG	R	V7	U	R	V7					RECRA
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7200R	7/27/00	7/30/00	1.16	VOC	108-86-1	Bromobenzene	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7200R	7/27/00	7/30/00	1.16	VOC	74-97-5	Bromochloromethane	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7200R	7/27/00	7/30/00	1.16	VOC	75-27-4	Bromodichloromethane	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7200R	7/27/00	7/30/00	1.16	VOC	75-25-2	Bromoform	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7200R	7/27/00	7/30/00	1.16	VOC	74-83-9	Bromomethane	0.012	MG/KG	U	U_LAB	U							RECRA
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7200R	7/27/00	7/30/00	1.16	VOC	78-93-3	Butanone[2-]	0.024	MG/KG	U	U_LAB	U							RECRA
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7200R	7/27/00	7/30/00	1.16	VOC	104-51-8	Butylbenzene[n-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7200R	7/27/00	7/30/00	1.16	VOC	135-98-8	Butylbenzene[sec-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7200R	7/27/00	7/30/00	1.16	VOC	98-06-6	Butylbenzene[tert-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7200R	7/27/00	7/30/00	1.16	VOC	75-15-0	Carbon Disulfide	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7200R	7/27/00	7/30/00	1.16	VOC	56-23-5	Carbon Tetrachloride	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7200R	7/27/00	7/30/00	1.16	VOC	108-90-7	Chlorobenzene	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7200R	7/27/00	7/30/00	1.16	VOC	124-48-1	Chlorodibromomethane	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7200R	7/27/00	7/30/00	1.16	VOC	75-00-3	Chloroethane	0.012	MG/KG	U	U_LAB	U							RECRA
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7200R	7/27/00	7/30/00	1.16	VOC	67-66-3	Chloroform	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7200R	7/27/00	7/30/00	1.16	VOC	74-87-3	Chloromethane	0.012	MG/KG	U	U_LAB	U							RECRA
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7200R	7/27/00	7/30/00	1.16	VOC	95-49-8	Chlorotoluene[2-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7200R	7/27/00	7/30/00	1.16	VOC	106-43-4	Chlorotoluene[4-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7200R	7/27/00	7/30/00	1.16	VOC	96-12-8	Dibromo-3-chloropropane[1,2-]	0.012	MG/KG	U	U_LAB	U							RECRA
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7200R	7/27/00	7/30/00	1.16	VOC	74-95-3	Dibromomethane	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7200R	7/27/00	7/30/00	1.16	VOC	95-50-1	Dichlorobenzene[1,2-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7200R	7/27/00	7/30/00	1.16	VOC	541-73-1	Dichlorobenzene[1,3-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7200R	7/27/00	7/30/00	1.16	VOC	106-46-7	Dichlorobenzene[1,4-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7200R	7/27/00	7/30/00	1.16	VOC	75-71-8	Dichlorodifluoromethane	0.012	MG/KG	U	U_LAB	U							RECRA
21-029	Mesa Top	21-11150	MD21-00-010	7/25/00 3:30:00 PM	INV	NA	64	65	FT	R	QBT3	7200R	7/27/00	7/30/00	1.16	VOC	75-34-3	Dichloroethane[1,1-]	0.006	MG/KG	U	U_LAB	U							RECRA

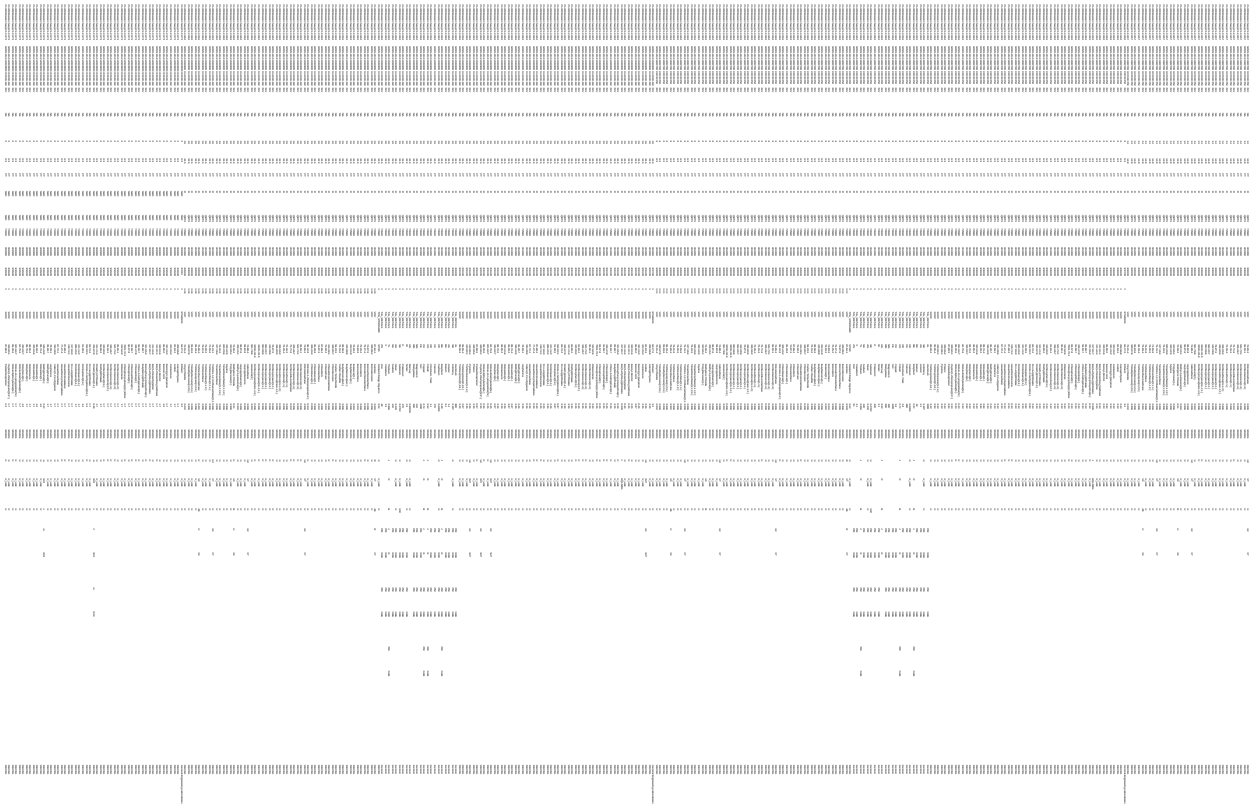


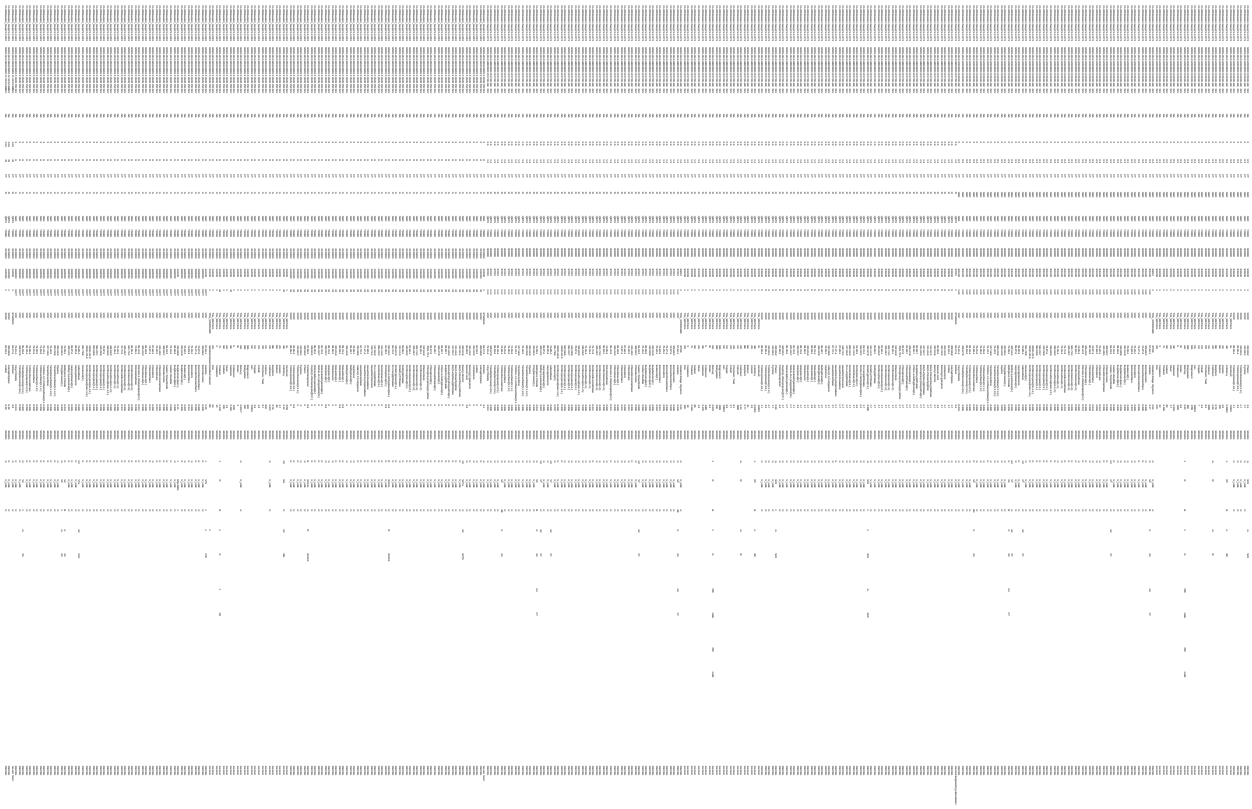


21-029	Mesa Top	21-11153	MD21-00-010	7/31/00 10:30:00 AM	INV	NA	49	50	FT	R	QBT3	7241R	8/2/00	8/17/00	1	SVOC	91-58-7	Chloronaphthalene[2-]	0.36	MG/KG	U	U_LAB	U	
21-029	Mesa Top	21-11153	MD21-00-010	7/31/00 10:30:00 AM	INV	NA	49	50	FT	R	QBT3	7241R	8/2/00	8/17/00	1	SVOC	95-57-8	Chlorophenol[2-]	0.36	MG/KG	U	U_LAB	U	
21-029	Mesa Top	21-11153	MD21-00-010	7/31/00 10:30:00 AM	INV	NA	49	50	FT	R	QBT3	7241R	8/2/00	8/17/00	1	SVOC	7005-72-3	Chlorophenyl-phenyl[4-] Ether	0.36	MG/KG	U	U_LAB	U	
21-029	Mesa Top	21-11153	MD21-00-010	7/31/00 10:30:00 AM	INV	NA	49	50	FT	R	QBT3	7241R	8/2/00	8/17/00	1	SVOC	132-64-9	Dibenzofuran	0.36	MG/KG	U	U_LAB	U	
21-029	Mesa Top	21-11153	MD21-00-010	7/31/00 10:30:00 AM	INV	NA	49	50	FT	R	QBT3	7241R	8/2/00	8/17/00	1	SVOC	95-50-1	Dichlorobenzene[1,2-]	0.36	MG/KG	U	U_LAB	U	
21-029	Mesa Top	21-11153	MD21-00-010	7/31/00 10:30:00 AM	INV	NA	49	50	FT	R	QBT3	7241R	8/2/00	8/17/00	1	SVOC	541-73-1	Dichlorobenzene[1,3-]	0.36	MG/KG	U	U_LAB	U	
21-029	Mesa Top	21-11153	MD21-00-010	7/31/00 10:30:00 AM	INV	NA	49	50	FT	R	QBT3	7241R	8/2/00	8/17/00	1	SVOC	106-46-7	Dichlorobenzene[1,4-]	0.36	MG/KG	U	U_LAB	U	
21-029	Mesa Top	21-11153	MD21-00-010	7/31/00 10:30:00 AM	INV	NA	49	50	FT	R	QBT3	7241R	8/2/00	8/17/00	1	SVOC	91-94-1	Dichlorobenzidine[3,3'-]	0.36	MG/KG	U	U_LAB	U	
21-029	Mesa Top	21-11153	MD21-00-010	7/31/00 10:30:00 AM	INV	NA	49	50	FT	R	QBT3	7241R	8/2/00	8/17/00	1	SVOC	120-83-2	Dichlorophenol[2,4-]	0.36	MG/KG	U	U_LAB	U	
21-029	Mesa Top	21-11153	MD21-00-010	7/31/00 10:30:00 AM	INV	NA	49	50	FT	R	QBT3	7241R	8/2/00	8/17/00	1	SVOC	84-66-2	Diethylphthalate	0.36	MG/KG	U	U_LAB	U	
21-029	Mesa Top	21-11153	MD21-00-010	7/31/00 10:30:00 AM	INV	NA	49	50	FT	R	QBT3	7241R	8/2/00	8/17/00	1	SVOC	131-11-3	Dimethyl Phthalate	0.36	MG/KG	U	U_LAB	U	
21-029	Mesa Top	21-11153	MD21-00-010	7/31/00 10:30:00 AM	INV	NA	49	50	FT	R	QBT3	7241R	8/2/00	8/17/00	1	SVOC	105-67-9	Dimethylphenol[2,4-]	0.36	MG/KG	U	U_LAB	U	
21-029	Mesa Top	21-11153	MD21-00-010	7/31/00 10:30:00 AM	INV	NA	49	50	FT	R	QBT3	7241R	8/2/00	8/17/00	1	SVOC	84-74-2	Di-n-butylphthalate	0.36	MG/KG	U	U_LAB	U	
21-029	Mesa Top	21-11153	MD21-00-010	7/31/00 10:30:00 AM	INV	NA	49	50	FT	R	QBT3	7241R	8/2/00	8/17/00	1	SVOC	534-52-1	Dinitro-2-methylphenol[4,6-]	0.89	MG/KG	U	U_LAB	U	
21-029	Mesa Top	21-11153	MD21-00-010	7/31/00 10:30:00 AM	INV	NA	49	50	FT	R	QBT3	7241R	8/2/00	8/17/00	1	SVOC	51-28-5	Dinitrophenol[2,4-]	0.89	MG/KG	U	U_LAB	U	
21-029	Mesa Top	21-11153	MD21-00-010	7/31/00 10:30:00 AM	INV	NA	49	50	FT	R	QBT3	7241R	8/2/00	8/17/00	1	SVOC	121-14-2	Dinitrotoluene[2,4-]	0.36	MG/KG	U	U_LAB	U	
21-029	Mesa Top	21-11153	MD21-00-010	7/31/00 10:30:00 AM	INV	NA	49	50	FT	R	QBT3	7241R	8/2/00	8/17/00	1	SVOC	606-20-2	Dinitrotoluene[2,6-]	0.36	MG/KG	U	U_LAB	U	
21-029	Mesa Top	21-11153	MD21-00-010	7/31/00 10:30:00 AM	INV	NA	49	50	FT	R	QBT3	7241R	8/2/00	8/17/00	1	SVOC	117-84-0	Di-n-octylphthalate	0.36	MG/KG	U	U_LAB	U	
21-029	Mesa Top	21-11153	MD21-00-010	7/31/00 10:30:00 AM	INV	NA	49	50	FT	R	QBT3	7241R	8/2/00	8/17/00	1	SVOC	118-74-1	Hexachlorobenzene	0.36	MG/KG	U	U_LAB	U	
21-029	Mesa Top	21-11153	MD21-00-010	7/31/00 10:30:00 AM	INV	NA	49	50	FT	R	QBT3	7241R	8/2/00	8/17/00	1	SVOC	87-68-3	Hexachlorobutadiene	0.36	MG/KG	U	U_LAB	U	
21-029	Mesa Top	21-11153	MD21-00-010	7/31/00 10:30:00 AM	INV	NA	49	50	FT	R	QBT3	7241R	8/2/00	8/17/00	1	SVOC	77-47-4	Hexachlorocyclopentadiene	0.36	MG/KG	U	U_LAB	U	
21-029	Mesa Top	21-11153	MD21-00-010	7/31/00 10:30:00 AM	INV	NA	49	50	FT	R	QBT3	7241R	8/2/00	8/17/00	1	SVOC	67-72-1	Hexachloroethane	0.36	MG/KG	U	U_LAB	U	
21-029	Mesa Top	21-11153	MD21-00-010	7/31/00 10:30:00 AM	INV	NA	49	50	FT	R	QBT3	7241R	8/2/00	8/17/00	1	SVOC	193-39-5	Indeno(1,2,3-cd)pyrene	0.36	MG/KG	U	U_LAB	U	
21-029	Mesa Top	21-11153	MD21-00-010	7/31/00 10:30:00 AM	INV	NA	49	50	FT	R	QBT3	7241R	8/2/00	8/17/00	1	SVOC	78-59-1	Isophorone	0.36	MG/KG	U	U_LAB	U	
21-029	Mesa Top	21-11153	MD21-00-010	7/31/00 10:30:00 AM	INV	NA	49	50	FT	R	QBT3	7241R	8/2/00	8/17/00	1	SVOC	95-48-7	Methylphenol[2-]	0.36	MG/KG	U	U_LAB	U	
21-029	Mesa Top	21-11153	MD21-00-010	7/31/00 10:30:00 AM	INV	NA	49	50	FT	R	QBT3	7241R	8/2/00	8/17/00	1	SVOC	106-44-5	Methylphenol[4-]	0.36	MG/KG	U	U_LAB	U	
21-029	Mesa Top	21-11153	MD21-00-010	7/31/00 10:30:00 AM	INV	NA	49	50	FT	R	QBT3	7241R	8/2/00	8/17/00	1	SVOC	88-74-4	Nitroaniline[2-]	0.89	MG/KG	U	U_LAB	U	
21-029	Mesa Top	21-11153	MD21-00-010	7/31/00 10:30:00 AM	INV	NA	49	50	FT	R	QBT3	7241R	8/2/00	8/17/00	1	SVOC	99-09-2	Nitroaniline[3-]	0.89	MG/KG	U	U_LAB	U	
21-029	Mesa Top	21-11153	MD21-00-010	7/31/00 10:30:00 AM	INV	NA	49	50	FT	R	QBT3	7241R	8/2/00	8/17/00	1	SVOC	100-01-6	Nitroaniline[4-]	0.36	MG/KG	U	U_LAB	U	
21-029	Mesa Top	21-11153	MD21-00-010	7/31/00 10:30:00 AM	INV	NA	49	50	FT	R	QBT3	7241R	8/2/00	8/17/00	1	SVOC	98-95-3	Nitrobenzene	0.36	MG/KG	U	U_LAB	U	
21-029	Mesa Top	21-11153	MD21-00-010	7/31/00 10:30:00 AM	INV	NA	49	50	FT	R	QBT3	7241R	8/2/00	8/17/00	1	SVOC	88-75-5	Nitrophenol[2-]	0.36	MG/KG	U	U_LAB	U	
21-029	Mesa Top	21-11153	MD21-00-010	7/31/00 10:30:00 AM	INV	NA	49	50	FT	R	QBT3	7241R	8/2/00	8/17/00	1	SVOC	100-02-7	Nitrophenol[4-]	0.89	MG/KG	U	U_LAB	U	
21-029	Mesa Top	21-11153	MD21-00-010	7/31/00 10:30:00 AM	INV	NA	49	50	FT	R	QBT3	7241R	8/2/00	8/17/00	1	SVOC	62-75-9	Nitrosodimethylamine[N-]	0.36	MG/KG	U	U_LAB	U	
21-029	Mesa Top	21-11153	MD21-00-010	7/31/00 10:30:00 AM	INV	NA	49	50	FT	R	QBT3	7241R	8/2/00	8/17/00	1	SVOC	621-64-7	Nitroso-di-n-propylamine[N-]	0.36	MG/KG	U	U_LAB	U	
21-029	Mesa Top	21-11153	MD21-00-010	7/31/00 10:30:00 AM	INV	NA	49	50	FT	R	QBT3	7241R	8/2/00	8/17/00	1	SVOC	86-30-6	Nitrosodiphenylamine[N-]	0.36	MG/KG	U	U_LAB	U	
21-029	Mesa Top	21-11153	MD21-00-010	7/31/00 10:30:00 AM	INV	NA	49	50	FT	R	QBT3	7241R	8/2/00	8/17/00	1	SVOC	108-60-1	Oxybis(1-chloropropane)[2,2'-]	0.36	MG/KG	U	U_LAB	U	
21-029	Mesa Top	21-11153	MD21-00-010	7/31/00 10:30:00 AM	INV	NA	49	50	FT	R	QBT3	7241R	8/2/00	8/17/00	1	SVOC	87-86-5	Pentachlorophenol	0.89	MG/KG	U	U_LAB	U	
21-029	Mesa Top	21-11153	MD21-00-010	7/31/00 10:30:00 AM	INV	NA	49	50	FT	R	QBT3	7241R	8/2/00	8/17/00	1	SVOC	108-95-2	Phenol	0.36	MG/KG	U	U_LAB	U	
21-029	Mesa Top	21-11153	MD21-00-010	7/31/00 10:30:00 AM	INV	NA	49	50	FT	R	QBT3	7241R	8/2/00	8/17/00	1	SVOC	110-86-1	Pyridine	0.36	MG/KG	U	U_LAB	U	
21-029	Mesa Top	21-11153	MD21-00-010	7/31/00 10:30:00 AM	INV	NA	49	50	FT	R	QBT3	7241R	8/2/00	8/17/00	1	SVOC	120-82-1	Trichlorobenzene[1,2,4-]	0.36	MG/KG	U	U_LAB	U	
21-029	Mesa Top	21-11153	MD21-00-010	7/31/00 10:30:00 AM	INV	NA	49	50	FT	R	QBT3	7241R	8/2/00	8/17/00	1	SVOC	95-95-4	Trichlorophenol[2,4,5-]	0.89	MG/KG	U	U_LAB	U	
21-029	Mesa Top	21-11153	MD21-00-010	7/31/00 10:30:00 AM	INV	NA	49	50	FT	R	QBT3	7241R	8/2/00	8/17/00	1	SVOC	88-06-2	Trichlorophenol[2,4,6-]	0.36	MG/KG	U	U_LAB	U	
21-029	Mesa Top	21-11153	MD21-00-010	7/31/00 10:30:00 AM	INV	NA	49	50	FT	R	QBT3	7243R	8/2/00	8/28/00	1	TAL_METALS	AL	Aluminum	1250	MG/KG	J	I10	*	J	I10
21-029	Mesa Top	21-11153	MD21-00-010	7/31/00 10:30:00 AM	INV	NA	49	50	FT	R	QBT3	7243R	8/2/00	8/28/00	1	TAL_METALS	SB	Antimony	0.41	MG/KG	UJ	I3e	UN	UJ	I3E
21-029	Mesa Top	21-11153	MD21-00-010	7/31/00 10:30:00 AM	INV	NA	49	50	FT	R	QBT3	7243R	8/2/00	8/28/00	1	TAL_METALS	AS	Arsenic	1.4	MG/KG	J	I1	B	J	I1
21-029	Mesa Top	21-11153	MD21-00-010	7/31/00 10:30:00 AM	INV	NA	49	50	FT	R	QBT3	7243R	8/2/00	8/28/00	1	TAL_METALS	BA	Barium	7	MG/KG	J	I1	B	J	I1
21-029	Mesa Top	21-11153	MD21-00-010	7/31/00 10:30:00 AM	INV	NA	49	50	FT	R	QBT3	7243R	8/2/00	8/28/00	1	TAL_METALS	BE	Beryllium	0.51	MG/KG	J	I1	B	J	I1
21-029	Mesa Top	21-11153	MD21-00-010	7/31/00 10:30:00 AM	INV	NA	49	50	FT	R	QBT3	7243R	8/2/00	8/28/00	1	TAL_METALS	CD	Cadmium	0.06	MG/KG	U	U_LAB	U		
21-029	Mesa Top	21-11153	MD21-00-010	7/31/00 10:30:00 AM	INV	NA	49	50	FT	R	QBT3	7243R	8/2/00	8/28/00	1	TAL_METALS	CA	Calcium	272	MG/KG	J	I1	B	J	I1
21-029	Mesa Top	21-11153	MD21-00-010	7/31/00 10:30:00 AM	INV	NA	49	50	FT	R	QBT3	7243R	8/2/00	8/28/00	1	TAL_METALS	CR	Chromium, Total	1.3	MG/KG	J	I1	B	J	I1



21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/22/00	1	SVOC	59-50-7	Chloro-3-methylphenol[4-]	0.34	MG/KG	U	U_LAB	U							RECRA
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/22/00	1	SVOC	106-47-8	Chloroaniline[4-]	0.34	MG/KG	U	U_LAB	U							RECRA
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/22/00	1	SVOC	91-58-7	Chloronaphthalene[2-]	0.34	MG/KG	U	U_LAB	U							RECRA
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/22/00	1	SVOC	95-57-8	Chlorophenol[2-]	0.34	MG/KG	U	U_LAB	U							RECRA
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/22/00	1	SVOC	7005-72-3	Chlorophenyl-phenyl[4-] Ether	0.34	MG/KG	U	U_LAB	U							RECRA
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/22/00	1	SVOC	132-64-9	Dibenzofuran	0.34	MG/KG	U	U_LAB	U							RECRA
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/22/00	1	SVOC	95-50-1	Dichlorobenzene[1,2-]	0.34	MG/KG	U	U_LAB	U							RECRA
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/22/00	1	SVOC	541-73-1	Dichlorobenzene[1,3-]	0.34	MG/KG	U	U_LAB	U							RECRA
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/22/00	1	SVOC	106-46-7	Dichlorobenzene[1,4-]	0.34	MG/KG	U	U_LAB	U							RECRA
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/22/00	1	SVOC	91-94-1	Dichlorobenzidine[3,3'-]	0.34	MG/KG	U	U_LAB	U							RECRA
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/22/00	1	SVOC	120-83-2	Dichlorophenol[2,4-]	0.34	MG/KG	U	U_LAB	U							RECRA
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/22/00	1	SVOC	84-66-2	Diethylphthalate	0.34	MG/KG	U	U_LAB	U							RECRA
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/22/00	1	SVOC	131-11-3	Dimethyl Phthalate	0.34	MG/KG	U	U_LAB	U							RECRA
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/22/00	1	SVOC	105-67-9	Dimethylphenol[2,4-]	0.34	MG/KG	U	U_LAB	U							RECRA
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/22/00	1	SVOC	84-74-2	Di-n-butylphthalate	0.34	MG/KG	U	U_LAB	U							RECRA
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/22/00	1	SVOC	534-52-1	Dinitro-2-methylphenol[4,6-]	0.86	MG/KG	U	U_LAB	U							RECRA
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/22/00	1	SVOC	51-28-5	Dinitrophenol[2,4-]	0.86	MG/KG	U	U_LAB	U							RECRA
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/22/00	1	SVOC	121-14-2	Dinitrotoluene[2,4-]	0.34	MG/KG	U	U_LAB	U							RECRA
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/22/00	1	SVOC	606-20-2	Dinitrotoluene[2,6-]	0.34	MG/KG	U	U_LAB	U							RECRA
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/22/00	1	SVOC	117-84-0	Di-n-octylphthalate	0.34	MG/KG	U	U_LAB	U							RECRA
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/22/00	1	SVOC	118-74-1	Hexachlorobenzene	0.34	MG/KG	U	U_LAB	U							RECRA
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/22/00	1	SVOC	87-68-3	Hexachlorobutadiene	0.34	MG/KG	U	U_LAB	U							RECRA
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/22/00	1	SVOC	77-47-4	Hexachlorocyclopentadiene	0.34	MG/KG	U	U_LAB	U							RECRA
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/22/00	1	SVOC	67-72-1	Hexachloroethane	0.34	MG/KG	U	U_LAB	U							RECRA
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/22/00	1	SVOC	193-39-5	Indeno(1,2,3-cd)pyrene	0.34	MG/KG	U	U_LAB	U							RECRA
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/22/00	1	SVOC	78-59-1	Isophorone	0.34	MG/KG	U	U_LAB	U							RECRA
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/22/00	1	SVOC	95-48-7	Methylphenol[2-]	0.34	MG/KG	U	U_LAB	U							RECRA
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/22/00	1	SVOC	106-44-5	Methylphenol[4-]	0.34	MG/KG	U	U_LAB	U							RECRA
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/22/00	1	SVOC	88-74-4	Nitroaniline[2-]	0.86	MG/KG	U	U_LAB	U							RECRA
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/22/00	1	SVOC	99-09-2	Nitroaniline[3-]	0.86	MG/KG	U	U_LAB	U							RECRA
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/22/00	1	SVOC	100-01-6	Nitroaniline[4-]	0.34	MG/KG	U	U_LAB	U							RECRA
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/22/00	1	SVOC	98-95-3	Nitrobenzene	0.34	MG/KG	U	U_LAB	U							RECRA
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/22/00	1	SVOC	88-75-5	Nitrophenol[2-]	0.34	MG/KG	U	U_LAB	U							RECRA
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/22/00	1	SVOC	100-02-7	Nitrophenol[4-]	0.86	MG/KG	U	U_LAB	U							RECRA
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/22/00	1	SVOC	62-75-9	Nitrosodimethylamine[N-]	0.34	MG/KG	U	U_LAB	U							RECRA
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/22/00	1	SVOC	621-64-7	Nitroso-di-n-propylamine[N-]	0.34	MG/KG	U	U_LAB	U							RECRA
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/22/00	1	SVOC	86-30-6	Nitrosodiphenylamine[N-]	0.34	MG/KG	U	U_LAB	U							RECRA
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/22/00	1	SVOC	108-60-1	Oxybis(1-chloropropane)[2,2'-]	0.34	MG/KG	U	U_LAB	U							RECRA
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/22/00	1	SVOC	87-86-5	Pentachlorophenol	0.86	MG/KG	U	U_LAB	U							RECRA
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/22/00	1	SVOC	108-95-2	Phenol	0.34	MG/KG	U	U_LAB	U							RECRA
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/22/00	1	SVOC	110-86-1	Pyridine	0.34	MG/KG	U	U_LAB	U							RECRA
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/22/00	1	SVOC	120-82-1	Trichlorobenzene[1,2,4-]	0.34	MG/KG	U	U_LAB	U							RECRA
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/22/00	1	SVOC	95-95-4	Trichlorophenol[2,4,5-]	0.86	MG/KG	U	U_LAB	U							RECRA
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/22/00	1	SVOC	88-06-2	Trichlorophenol[2,4,6-]	0.34	MG/KG	U	U_LAB	U							RECRA
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7257R	8/8/00	8/23/00	5	TAL_METALS	AL	Aluminum	240	MG/KG										Kemron
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7257R	8/8/00	8/30/00	1	TAL_METALS	SB	Antimony	0.165	MG/KG	U	U_LAB	UW							Kemron
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7257R	8/8/00	8/23/00	1	TAL_METALS	AS	Arsenic	1.2	MG/KG										Kemron
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7257R	8/8/00	8/23/00	1	TAL_METALS	BA	Barium	12	MG/KG										Kemron
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7257R	8/8/00	8/23/00	1	TAL_METALS	BE	Beryllium	0.36	MG/KG	J	I1	B	J	I1					Kemron
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7257R	8/8/00	8/23/00	1	TAL_METALS	CD	Cadmium	0.041	MG/KG	J	I1	B	J	I1					Kemron
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7257R	8/8/00	8/23/00	1	TAL_METALS	CA	Calcium	270	MG/KG										Kemron
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7257R	8/8/00	8/23/00	1	TAL_METALS	CR	Chromium, Total	0.7	MG/KG	J	I1	B	J	I1					Kemron
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7257R	8/8/00	8/23/00	1	TAL_METALS	CO	Cobalt	0.56	MG/KG	J	I1	B	J	I1					Kemron
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7257R	8/8/00	8/23/00	1	TAL_METALS	CU	Copper	0.5	MG/KG	J	I1	B	J	I1					Kemron
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7257R	8/8/00	8/23/00	1	TAL_METALS	FE	Iron	3500	MG/KG										Kemron
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7257R	8/8/00	8/23/00	1	TAL_METALS	MG	Magnesium	71	MG/KG										Kemron
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7257R	8/8/00	8/23/00	1	TAL_METALS	MN	Manganese	210	MG/KG										Kemron
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7257R	8/8/00	8/18/00	1	TAL_METALS	HG	Mercury	0.0183	MG/KG	U	U_LAB	U							Kemron
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7257R	8/8/00	8/23/00	1	TAL_METALS	NI	Nickel	1.88	MG/KG	U	U_LAB	U							Kemron
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7257R	8/8/00	8/23/00	1	TAL_METALS	K	Potassium	110	MG/KG										Kemron
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7257R	8/8/00	8/29/00	1	TAL_METALS	SE	Selenium	0.0784	MG/KG	U	U_LAB	U							Kemron
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7257R	8/8/00	8/23/00	1	TAL_METALS	AG	Silver	0.3	MG/KG	J	I1	B	J	I1					Kemron
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7257R	8/8/00	8/23/00	1	TAL_METALS	NA	Sodium	75	MG/KG										Kemron
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7257R	8/8/00	8/30/00	1	TAL_METALS	TL	Thallium	0.16	MG/KG	J	I1	B	J	I1					Kemron
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7257R	8/8/00	8/23/00	1	TAL_METALS	V	Vanadium	1.7	MG/KG										Kemron
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7257R	8/8/00	8/23/00	1	TAL_METALS	ZN	Zinc	26	MG/KG										Kemron
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/9/00		VOC	67-64-1	Acetone	0.024	MG/KG	R	V7	U	R	V7					RECRA
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/9/00		VOC	108-86-1	Bromobenzene	0.006	MG/KG	U	U_LAB	U							RECRA
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/9/00		VOC	74-97-5	Bromochloromethane	0.006	MG/KG	U	U_LAB	U							RECRA
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/9/00		VOC	75-27-4	Bromodichloromethane	0.006	MG/KG	U	U_LAB	U							RECRA
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/9/00		VOC	75-25-2	Bromoform	0.006	MG/KG	U	U_LAB	U							RECRA
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/9/00		VOC	74-83-9	Bromomethane	0.012	MG/KG	U	U_LAB	U							RECRA
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/9/00		VOC	78-93-3	Butanone[2-]	0.024	MG/KG	U	U_LAB	U							RECRA
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/9/00		VOC	104-51-8	Butylbenzene[n-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/9/00		VOC	135-98-8	Butylbenzene[sec-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/9/00		VOC	98-06-6	Butylbenzene[tert-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/9/00		VOC	75-15-0	Carbon Disulfide	0.006	MG/KG	U	U_LAB	U							RECRA
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/9/00		VOC	56-23-5	Carbon Tetrachloride	0.006	MG/KG	U	U_LAB	U							RECRA
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/9/00		VOC	108-90-7	Chlorobenzene	0.006	MG/KG	U	U_LAB	U							RECRA
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/9/00		VOC	124-48-1	Chlorodibromomethane	0.006	MG/KG	U	U_LAB	U							RECRA
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/9/00		VOC	75-00-3	Chloroethane	0.012	MG/KG	U	U_LAB	U							RECRA
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/9/00		VOC	67-66-3	Chloroform	0.006	MG/KG	U	U_LAB	U							RECRA
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/9/00		VOC	74-87-3	Chloromethane	0.012	MG/KG	U	U_LAB	U							RECRA
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/9/00		VOC	95-49-8	Chlorotoluene[2-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/9/00		VOC	106-43-4	Chlorotoluene[4-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/9/00		VOC	96-12-8	Dibromo-3-chloropropane[1,2-]	0.012	MG/KG	U	U_LAB	U							RECRA
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/9/00		VOC	74-95-3	Dibromomethane	0.006	MG/KG	U	U_LAB	U							RECRA
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/9/00		VOC	95-50-1	Dichlorobenzene[1,2-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/9/00		VOC	541-73-1	Dichlorobenzene[1,3-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/9/00		VOC	106-46-7	Dichlorobenzene[1,4-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/9/00		VOC	75-71-8	Dichlorodifluoromethane	0.012	MG/KG	U	U_LAB	U							RECRA
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/9/00		VOC	75-34-3	Dichloroethane[1,1-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/9/00		VOC	75-35-4	Dichloroethene[1,1-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/9/00		VOC	156-59-2	Dichloroethene[cis-1,2-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/9/00		VOC	156-60-5	Dichloroethene[trans-1,2-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/9/00		VOC	78-87-5	Dichloropropane[1,2-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/9/00		VOC	142-28-9	Dichloropropane[1,3-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/9/00		VOC	594-20-7	Dichloropropane[2,2-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/9/00		VOC	563-58-6	Dichloropropene[1,1-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/9/00		VOC	10061-01-5	Dichloropropene[cis-1,3-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/9/00		VOC	10061-02-6	Dichloropropene[trans-1,3-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/9/00		VOC	591-78-6	Hexanone[2-]	0.024	MG/KG	U	U_LAB	U							RECRA
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/9/00		VOC	74-88-4	Iodomethane	0.006	MG/KG	U	U_LAB	U							RECRA
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/9/00		VOC	98-82-8	Isopropylbenzene	0.006	MG/KG	U	U_LAB	U							RECRA
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/9/00		VOC	99-87-6	Isopropyltoluene[4-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/9/00		VOC	108-10-1	Methyl-2-pentanone[4-]	0.024	MG/KG	U	U_LAB	U							RECRA
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/9/00		VOC	75-09-2	Methylene Chloride	0.013	MG/KG	U	V4	B	U	V4					RECRA
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/9/00		VOC	103-65-1	Propylbenzene[1-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/9/00		VOC	100-42-5	Styrene	0.006	MG/KG	U	U_LAB	U							RECRA
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/9/00		VOC	630-20-6	Tetrachloroethane[1,1,1,2-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/9/00		VOC	79-34-5	Tetrachloroethane[1,1,2,2-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/9/00		VOC	127-18-4	Tetrachloroethene	0.006	MG/KG	U	U_LAB	U							RECRA
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/9/00		VOC	76-13-1	Trichloro-1,2,2-trifluoroethane[1,1,	0.002	MG/KG	U	V4	JB							RECRA
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/9/00		VOC	71-55-6	Trichloroethane[1,1,1-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/9/00		VOC	79-00-5	Trichloroethane[1,1,2-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/9/00		VOC	79-01-6	Trichloroethene	0.006	MG/KG	U	U_LAB	U							RECRA
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/9/00		VOC	75-69-4	Trichlorofluoromethane	0.003	MG/KG	U	V4	JB	U	V4					RECRA
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/9/00		VOC	96-18-4	Trichloropropane[1,2,3-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/9/00		VOC	95-63-6	Trimethylbenzene[1,2,4-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/9/00		VOC	108-67-8	Trimethylbenzene[1,3,5-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029Mesa Top	21-11156	MD21-00-01178/3/00 9:24:00 AM	INV	NA	99	100	FT	R	QBT3	7255R	8/8/00	8/9/00		VOC	75-01-4	Vinyl Chloride	0.012	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7260R	8/10/00	8/17/00	1	ETHANOL	64-17-5	Ethanol	5.3	MG/KG	U	U_LAB	U							General Engineering Laboratories
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7258R	8/10/00	8/30/00	2	SVOC	208-96-8	Acenaphthylene	0.7	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7258R	8/10/00	8/30/00	2	SVOC	62-53-3	Aniline	0.7	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7258R	8/10/00	8/30/00	2	SVOC	103-33-3	Azobenzene	0.7	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7258R	8/10/00	8/30/00	2	SVOC	191-24-2	Benzo(g,h,i)perylene	0.7	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7258R	8/10/00	8/30/00	2	SVOC	65-85-0	Benzoic Acid	1.7	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7258R	8/10/00	8/30/00	2	SVOC	100-51-6	Benzyl Alcohol	0.7	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7258R	8/10/00	8/30/00	2	SVOC	111-91-1	Bis(2-chloroethoxy)methane	0.7	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7258R	8/10/00	8/30/00	2	SVOC	111-44-4	Bis(2-chloroethyl)ether	0.7	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7258R	8/10/00	8/30/00	2	SVOC	117-81-7	Bis(2-ethylhexyl)phthalate	0.054	MG/KG	J	EQL/MDL	J							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7258R	8/10/00	8/30/00	2	SVOC	101-55-3	Bromophenyl-phenylether[4-]	0.7	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7258R	8/10/00	8/30/00	2	SVOC	85-68-7	Butylbenzylphthalate	0.7	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7258R	8/10/00	8/30/00	2	SVOC	59-50-7	Chloro-3-methylphenol[4-]	0.7	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7258R	8/10/00	8/30/00	2	SVOC	106-47-8	Chloroaniline[4-]	0.7	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7258R	8/10/00	8/30/00	2	SVOC	91-58-7	Chloronaphthalene[2-]	0.7	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7258R	8/10/00	8/30/00	2	SVOC	95-57-8	Chlorophenol[2-]	0.7	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7258R	8/10/00	8/30/00	2	SVOC	7005-72-3	Chlorophenyl-phenyl[4-] Ether	0.7	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7258R	8/10/00	8/30/00	2	SVOC	132-64-9	Dibenzofuran	0.7	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7258R	8/10/00	8/30/00	2	SVOC	95-50-1	Dichlorobenzene[1,2-]	0.7	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7258R	8/10/00	8/30/00	2	SVOC	541-73-1	Dichlorobenzene[1,3-]	0.7	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7258R	8/10/00	8/30/00	2	SVOC	106-46-7	Dichlorobenzene[1,4-]	0.7	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7258R	8/10/00	8/30/00	2	SVOC	91-94-1	Dichlorobenzidine[3,3'-]	0.7	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7258R	8/10/00	8/30/00	2	SVOC	120-83-2	Dichlorophenol[2,4-]	0.7	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7258R	8/10/00	8/30/00	2	SVOC	84-66-2	Diethylphthalate	0.7	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7258R	8/10/00	8/30/00	2	SVOC	131-11-3	Dimethyl Phthalate	0.7	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7258R	8/10/00	8/30/00	2	SVOC	105-67-9	Dimethylphenol[2,4-]	0.7	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7258R	8/10/00	8/30/00	2	SVOC	84-74-2	Di-n-butylphthalate	0.7	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7258R	8/10/00	8/30/00	2	SVOC	534-52-1	Dinitro-2-methylphenol[4,6-]	1.7	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7258R	8/10/00	8/30/00	2	SVOC	51-28-5	Dinitrophenol[2,4-]	1.7	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7258R	8/10/00	8/30/00	2	SVOC	121-14-2	Dinitrotoluene[2,4-]	0.7	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7258R	8/10/00	8/30/00	2	SVOC	606-20-2	Dinitrotoluene[2,6-]	0.7	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7258R	8/10/00	8/30/00	2	SVOC	117-84-0	Di-n-octylphthalate	0.7	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7258R	8/10/00	8/30/00	2	SVOC	118-74-1	Hexachlorobenzene	0.7	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7258R	8/10/00	8/30/00	2	SVOC	87-68-3	Hexachlorobutadiene	0.7	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7258R	8/10/00	8/30/00	2	SVOC	77-47-4	Hexachlorocyclopentadiene	0.7	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7258R	8/10/00	8/30/00	2	SVOC	67-72-1	Hexachloroethane	0.7	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7258R	8/10/00	8/30/00	2	SVOC	193-39-5	Indeno(1,2,3-cd)pyrene	0.7	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7258R	8/10/00	8/30/00	2	SVOC	78-59-1	Isophorone	0.7	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7258R	8/10/00	8/30/00	2	SVOC	95-48-7	Methylphenol[2-]	0.7	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7258R	8/10/00	8/30/00	2	SVOC	106-44-5	Methylphenol[4-]	0.7	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7258R	8/10/00	8/30/00	2	SVOC	88-74-4	Nitroaniline[2-]	1.7	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7258R	8/10/00	8/30/00	2	SVOC	99-09-2	Nitroaniline[3-]	1.7	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7258R	8/10/00	8/30/00	2	SVOC	100-01-6	Nitroaniline[4-]	0.7	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7258R	8/10/00	8/30/00	2	SVOC	98-95-3	Nitrobenzene	0.7	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7258R	8/10/00	8/30/00	2	SVOC	88-75-5	Nitrophenol[2-]	0.7	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7258R	8/10/00	8/30/00	2	SVOC	100-02-7	Nitrophenol[4-]	1.7	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7258R	8/10/00	8/30/00	2	SVOC	62-75-9	Nitrosodimethylamine[N-]	0.7	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7258R	8/10/00	8/30/00	2	SVOC	621-64-7	Nitroso-di-n-propylamine[N-]	0.7	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7258R	8/10/00	8/30/00	2	SVOC	86-30-6	Nitrosodiphenylamine[N-]	0.7	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7258R	8/10/00	8/30/00	2	SVOC	108-60-1	Oxybis(1-chloropropane)[2,2'-]	0.7	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7258R	8/10/00	8/30/00	2	SVOC	87-86-5	Pentachlorophenol	1.7	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7258R	8/10/00	8/30/00	2	SVOC	108-95-2	Phenol	0.7	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7258R	8/10/00	8/30/00	2	SVOC	110-86-1	Pyridine	0.7	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7258R	8/10/00	8/30/00	2	SVOC	120-82-1	Trichlorobenzene[1,2,4-]	0.7	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7258R	8/10/00	8/30/00	2	SVOC	95-95-4	Trichlorophenol[2,4,5-]	1.7	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7258R	8/10/00	8/30/00	2	SVOC	88-06-2	Trichlorophenol[2,4,6-]	0.7	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7261R	8/10/00	8/23/00	1	TAL_METALS	AL	Aluminum	3600	MG/KG				PM	I13B	PM	I14B			Kemron
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7261R	8/10/00	8/30/00	1	TAL_METALS	SB	Antimony	0.169	MG/KG	U	U_LAB	UW	PM	I13B	PM	I14B			Kemron
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7261R	8/10/00	8/23/00	1	TAL_METALS	AS	Arsenic	3.1	MG/KG				PM	I13B	PM	I14B			Kemron
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7261R	8/10/00	8/23/00	1	TAL_METALS	BA	Barium	22	MG/KG				PM	I13B	PM	I14B			Kemron
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7261R	8/10/00	8/23/00	1	TAL_METALS	BE	Beryllium	0.55	MG/KG				PM	I13B	PM	I14B			Kemron
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7261R	8/10/00	8/23/00	1	TAL_METALS	CD	Cadmium	0.043	MG/KG	J	I1	B	J	I1	PM	I13B	PM	I14B	Kemron
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7261R	8/10/00	8/23/00	1	TAL_METALS	CA	Calcium	470	MG/KG				PM	I13B	PM	I14B			Kemron
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7261R	8/10/00	8/23/00	1	TAL_METALS	CR	Chromium, Total	2.4	MG/KG				PM	I13B	PM	I14B			Kemron
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7261R	8/10/00	8/23/00	1	TAL_METALS	CO	Cobalt	0.95	MG/KG	J	I1	B	J	I1	PM	I13B	PM	I14B	Kemron
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7261R	8/10/00	8/23/00	1	TAL_METALS	CU	Copper	1.6	MG/KG				PM	I13B	PM	I14B			Kemron
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7261R	8/10/00	8/23/00	1	TAL_METALS	FE	Iron	4200	MG/KG				PM	I13B	PM	I14B			Kemron
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7261R	8/10/00	8/23/00	1	TAL_METALS	MG	Magnesium	340	MG/KG				PM	I13B	PM	I14B			Kemron
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7261R	8/10/00	8/23/00	1	TAL_METALS	MN	Manganese	250	MG/KG				PM	I13B	PM	I14B			Kemron
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7261R	8/10/00	8/22/00	1	TAL_METALS	HG	Mercury	0.22	MG/KG										Kemron
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7261R	8/10/00	8/23/00	1	TAL_METALS	NI	Nickel	2	MG/KG	J	I1	B	J	I1	PM	I13B	PM	I14B	Kemron
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7261R	8/10/00	8/23/00	1	TAL_METALS	K	Potassium	290	MG/KG				PM	I13B	PM	I14B			Kemron
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7261R	8/10/00	9/5/00	2	TAL_METALS	SE	Selenium	0.29	MG/KG	J	I1	BW	J	I1	PM	I13B	PM	I14B	Kemron
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7261R	8/10/00	8/23/00	1	TAL_METALS	AG	Silver	0.36	MG/KG	J	I1	B	J	I1	PM	I13B	PM	I14B	Kemron
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7261R	8/10/00	8/23/00	1	TAL_METALS	NA	Sodium	210	MG/KG				PM	I13B	PM	I14B			Kemron
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7261R	8/10/00	8/30/00	1	TAL_METALS	TL	Thallium	0.29	MG/KG				PM	I13B	PM	I14B			Kemron
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7261R	8/10/00	8/23/00	1	TAL_METALS	V	Vanadium	3.7	MG/KG				PM	I13B	PM	I14B			Kemron
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7261R	8/10/00	8/23/00	1	TAL_METALS	ZN	Zinc	15	MG/KG				PM	I13B	PM	I14B			Kemron
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7259R	8/10/00	8/21/00	10	TPH_STODDARD	STOD	Stoddard Range Organics	0.33	MG/KG										RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7259R	8/10/00	8/20/00	1.11	VOC	67-64-1	Acetone	0.021	MG/KG	R	V7	JB	R	V7					RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7259R	8/10/00	8/20/00	1.11	VOC	108-86-1	Bromobenzene	0.006	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7259R	8/10/00	8/20/00	1.11	VOC	74-97-5	Bromochloromethane	0.006	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7259R	8/10/00	8/20/00	1.11	VOC	75-27-4	Bromodichloromethane	0.006	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7259R	8/10/00	8/20/00	1.11	VOC	75-25-2	Bromoform	0.006	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7259R	8/10/00	8/20/00	1.11	VOC	74-83-9	Bromomethane	0.012	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7259R	8/10/00	8/20/00	1.11	VOC	78-93-3	Butanone[2-]	0.024	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7259R	8/10/00	8/20/00	1.11	VOC	104-51-8	Butylbenzene[n-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7259R	8/10/00	8/20/00	1.11	VOC	135-98-8	Butylbenzene[sec-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7259R	8/10/00	8/20/00	1.11	VOC	98-06-6	Butylbenzene[tert-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7259R	8/10/00	8/20/00	1.11	VOC	75-15-0	Carbon Disulfide	0.006	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7259R	8/10/00	8/20/00	1.11	VOC	56-23-5	Carbon Tetrachloride	0.006	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7259R	8/10/00	8/20/00	1.11	VOC	108-90-7	Chlorobenzene	0.006	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7259R	8/10/00	8/20/00	1.11	VOC	124-48-1	Chlorodibromomethane	0.006	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7259R	8/10/00	8/20/00	1.11	VOC	75-00-3	Chloroethane	0.012	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7259R	8/10/00	8/20/00	1.11	VOC	67-66-3	Chloroform	0.006	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7259R	8/10/00	8/20/00	1.11	VOC	74-87-3	Chloromethane	0.012	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7259R	8/10/00	8/20/00	1.11	VOC	95-49-8	Chlorotoluene[2-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7259R	8/10/00	8/20/00	1.11	VOC	106-43-4	Chlorotoluene[4-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7259R	8/10/00	8/20/00	1.11	VOC	96-12-8	Dibromo-3-chloropropane[1,2-]	0.012	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7259R	8/10/00	8/20/00	1.11	VOC	74-95-3	Dibromomethane	0.006	MG/KG	UJ	V7	U	UJ	V7					RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7259R	8/10/00	8/20/00	1.11	VOC	95-50-1	Dichlorobenzene[1,2-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7259R	8/10/00	8/20/00	1.11	VOC	541-73-1	Dichlorobenzene[1,3-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7259R	8/10/00	8/20/00	1.11	VOC	106-46-7	Dichlorobenzene[1,4-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7259R	8/10/00	8/20/00	1.11	VOC	75-71-8	Dichlorodifluoromethane	0.012	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7259R	8/10/00	8/20/00	1.11	VOC	75-34-3	Dichloroethane[1,1-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7259R	8/10/00	8/20/00	1.11	VOC	75-35-4	Dichloroethene[1,1-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7259R	8/10/00	8/20/00	1.11	VOC	156-59-2	Dichloroethene[cis-1,2-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7259R	8/10/00	8/20/00	1.11	VOC	156-60-5	Dichloroethene[trans-1,2-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7259R	8/10/00	8/20/00	1.11	VOC	78-87-5	Dichloropropane[1,2-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7259R	8/10/00	8/20/00	1.11	VOC	142-28-9	Dichloropropane[1,3-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7259R	8/10/00	8/20/00	1.11	VOC	594-20-7	Dichloropropane[2,2-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7259R	8/10/00	8/20/00	1.11	VOC	563-58-6	Dichloropropene[1,1-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7259R	8/10/00	8/20/00	1.11	VOC	10061-01-5	Dichloropropene[cis-1,3-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7259R	8/10/00	8/20/00	1.11	VOC	10061-02-6	Dichloropropene[trans-1,3-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7259R	8/10/00	8/20/00	1.11	VOC	591-78-6	Hexanone[2-]	0.024	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7259R	8/10/00	8/20/00	1.11	VOC	74-88-4	Iodomethane	0.006	MG/KG	UJ	V7	U	UJ	V7					RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7259R	8/10/00	8/20/00	1.11	VOC	98-82-8	Isopropylbenzene	0.006	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7259R	8/10/00	8/20/00	1.11	VOC	99-87-6	Isopropyltoluene[4-]	0.001	MG/KG	J	EQL/MDL	J							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7259R	8/10/00	8/20/00	1.11	VOC	108-10-1	Methyl-2-pentanone[4-]	0.024	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7259R	8/10/00	8/20/00	1.11	VOC	75-09-2	Methylene Chloride	0.012	MG/KG	U	V4	B	U	V4					RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7259R	8/10/00	8/20/00	1.11	VOC	103-65-1	Propylbenzene[1-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7259R	8/10/00	8/20/00	1.11	VOC	100-42-5	Styrene	0.006	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7259R	8/10/00	8/20/00	1.11	VOC	630-20-6	Tetrachloroethane[1,1,1,2-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7259R	8/10/00	8/20/00	1.11	VOC	79-34-5	Tetrachloroethane[1,1,2,2-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7259R	8/10/00	8/20/00	1.11	VOC	127-18-4	Tetrachloroethene	0.006	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7259R	8/10/00	8/20/00	1.11	VOC	76-13-1	Trichloro-1,2,2-trifluoroethane[1,1,	0.006	MG/KG	UJ	V7	U	UJ	V7					RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7259R	8/10/00	8/20/00	1.11	VOC	71-55-6	Trichloroethane[1,1,1-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7259R	8/10/00	8/20/00	1.11	VOC	79-00-5	Trichloroethane[1,1,2-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7259R	8/10/00	8/20/00	1.11	VOC	79-01-6	Trichloroethene	0.006	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7259R	8/10/00	8/20/00	1.11	VOC	75-69-4	Trichlorofluoromethane	0.002	MG/KG	U	V4	JB	U	V4					RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7259R	8/10/00	8/20/00	1.11	VOC	96-18-4	Trichloropropane[1,2,3-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7259R	8/10/00	8/20/00	1.11	VOC	95-63-6	Trimethylbenzene[1,2,4-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7259R	8/10/00	8/20/00	1.11	VOC	108-67-8	Trimethylbenzene[1,3,5-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01188/7/00 10:55:00 AM	INV	NA	2	2.5	FT	R	QBT3	7259R	8/10/00	8/20/00	1.11	VOC	75-01-4	Vinyl Chloride	0.012	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01198/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7260R	8/10/00	8/17/00	1	ETHANOL	64-17-5	Ethanol	5.4	MG/KG	U	U_LAB	U							General Engineering Laboratories
21-029Western Seep	21-11157	MD21-00-01198/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7258R	8/10/00	8/30/00	1	SVOC	208-96-8	Acenaphthylene	0.35	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01198/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7258R	8/10/00	8/30/00	1	SVOC	62-53-3	Aniline	0.35	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01198/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7258R	8/10/00	8/30/00	1	SVOC	103-33-3	Azobenzene	0.35	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01198/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7258R	8/10/00	8/30/00	1	SVOC	191-24-2	Benzo(g,h,i)perylene	0.35	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01198/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7258R	8/10/00	8/30/00	1	SVOC	65-85-0	Benzoic Acid	0.88	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01198/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7258R	8/10/00	8/30/00	1	SVOC	100-51-6	Benzyl Alcohol	0.35	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01198/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7258R	8/10/00	8/30/00	1	SVOC	111-91-1	Bis(2-chloroethoxy)methane	0.35	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01198/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7258R	8/10/00	8/30/00	1	SVOC	111-44-4	Bis(2-chloroethyl)ether	0.35	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01198/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7258R	8/10/00	8/30/00	1	SVOC	117-81-7	Bis(2-ethylhexyl)phthalate	0.035	MG/KG	J	EQL/MDL	J							RECRA
21-029Western Seep	21-11157	MD21-00-01198/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7258R	8/10/00	8/30/00	1	SVOC	101-55-3	Bromophenyl-phenylether[4-]	0.35	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01198/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7258R	8/10/00	8/30/00	1	SVOC	85-68-7	Butylbenzylphthalate	0.35	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01198/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7258R	8/10/00	8/30/00	1	SVOC	59-50-7	Chloro-3-methylphenol[4-]	0.35	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01198/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7258R	8/10/00	8/30/00	1	SVOC	106-47-8	Chloroaniline[4-]	0.35	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01198/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7258R	8/10/00	8/30/00	1	SVOC	91-58-7	Chloronaphthalene[2-]	0.35	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01198/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7258R	8/10/00	8/30/00	1	SVOC	95-57-8	Chlorophenol[2-]	0.35	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01198/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7258R	8/10/00	8/30/00	1	SVOC	7005-72-3	Chlorophenyl-phenyl[4-] Ether	0.35	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01198/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7258R	8/10/00	8/30/00	1	SVOC	132-64-9	Dibenzofuran	0.35	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01198/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7258R	8/10/00	8/30/00	1	SVOC	95-50-1	Dichlorobenzene[1,2-]	0.35	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01198/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7258R	8/10/00	8/30/00	1	SVOC	541-73-1	Dichlorobenzene[1,3-]	0.35	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01198/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7258R	8/10/00	8/30/00	1	SVOC	106-46-7	Dichlorobenzene[1,4-]	0.35	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01198/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7258R	8/10/00	8/30/00	1	SVOC	91-94-1	Dichlorobenzidine[3,3'-]	0.35	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01198/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7258R	8/10/00	8/30/00	1	SVOC	120-83-2	Dichlorophenol[2,4-]	0.35	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01198/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7258R	8/10/00	8/30/00	1	SVOC	84-66-2	Diethylphthalate	0.35	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01198/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7258R	8/10/00	8/30/00	1	SVOC	131-11-3	Dimethyl Phthalate	0.35	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01198/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7258R	8/10/00	8/30/00	1	SVOC	105-67-9	Dimethylphenol[2,4-]	0.35	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01198/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7258R	8/10/00	8/30/00	1	SVOC	84-74-2	Di-n-butylphthalate	0.35	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01198/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7258R	8/10/00	8/30/00	1	SVOC	534-52-1	Dinitro-2-methylphenol[4,6-]	0.88	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01198/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7258R	8/10/00	8/30/00	1	SVOC	51-28-5	Dinitrophenol[2,4-]	0.88	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01198/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7258R	8/10/00	8/30/00	1	SVOC	121-14-2	Dinitrotoluene[2,4-]	0.35	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01198/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7258R	8/10/00	8/30/00	1	SVOC	606-20-2	Dinitrotoluene[2,6-]	0.35	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01198/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7258R	8/10/00	8/30/00	1	SVOC	117-84-0	Di-n-octylphthalate	0.35	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01198/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7258R	8/10/00	8/30/00	1	SVOC	118-74-1	Hexachlorobenzene	0.35	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01198/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7258R	8/10/00	8/30/00	1	SVOC	87-68-3	Hexachlorobutadiene	0.35	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01198/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7258R	8/10/00	8/30/00	1	SVOC	77-47-4	Hexachlorocyclopentadiene	0.35	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01198/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7258R	8/10/00	8/30/00	1	SVOC	67-72-1	Hexachloroethane	0.35	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01198/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7258R	8/10/00	8/30/00	1	SVOC	193-39-5	Indeno(1,2,3-cd)pyrene	0.35	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01198/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7258R	8/10/00	8/30/00	1	SVOC	78-59-1	Isophorone	0.35	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01198/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7258R	8/10/00	8/30/00	1	SVOC	95-48-7	Methylphenol[2-]	0.35	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01198/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7258R	8/10/00	8/30/00	1	SVOC	106-44-5	Methylphenol[4-]	0.35	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01198/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7258R	8/10/00	8/30/00	1	SVOC	88-74-4	Nitroaniline[2-]	0.88	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01198/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7258R	8/10/00	8/30/00	1	SVOC	99-09-2	Nitroaniline[3-]	0.88	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01198/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7258R	8/10/00	8/30/00	1	SVOC	100-01-6	Nitroaniline[4-]	0.35	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01198/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7258R	8/10/00	8/30/00	1	SVOC	98-95-3	Nitrobenzene	0.35	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01198/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7258R	8/10/00	8/30/00	1	SVOC	88-75-5	Nitrophenol[2-]	0.35	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01198/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7258R	8/10/00	8/30/00	1	SVOC	100-02-7	Nitrophenol[4-]	0.88	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01198/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7258R	8/10/00	8/30/00	1	SVOC	62-75-9	Nitrosodimethylamine[N-]	0.35	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01198/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7258R	8/10/00	8/30/00	1	SVOC	621-64-7	Nitroso-di-n-propylamine[N-]	0.35	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01198/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7258R	8/10/00	8/30/00	1	SVOC	86-30-6	Nitrosodiphenylamine[N-]	0.35	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01198/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7258R	8/10/00	8/30/00	1	SVOC	108-60-1	Oxybis(1-chloropropane)[2,2'-]	0.35	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01198/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7258R	8/10/00	8/30/00	1	SVOC	87-86-5	Pentachlorophenol	0.88	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01198/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7258R	8/10/00	8/30/00	1	SVOC	108-95-2	Phenol	0.35	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01198/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7258R	8/10/00	8/30/00	1	SVOC	110-86-1	Pyridine	0.35	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01198/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7258R	8/10/00	8/30/00	1	SVOC	120-82-1	Trichlorobenzene[1,2,4-]	0.35	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01198/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7258R	8/10/00	8/30/00	1	SVOC	95-95-4	Trichlorophenol[2,4,5-]	0.88	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01198/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7258R	8/10/00	8/30/00	1	SVOC	88-06-2	Trichlorophenol[2,4,6-]	0.35	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01198/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7261R	8/10/00	8/23/00	1	TAL_METALS	AL	Aluminum	1900	MG/KG				PM	I13B	PM	I14B			Kemron
21-029Western Seep	21-11157	MD21-00-01198/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7261R	8/10/00	8/30/00	1	TAL_METALS	SB	Antimony	0.17	MG/KG	U	U_LAB	U	PM	I13B	PM	I14B			Kemron
21-029Western Seep	21-11157	MD21-00-01198/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7261R	8/10/00	8/23/00	1	TAL_METALS	AS	Arsenic	1.9	MG/KG				PM	I13B	PM	I14B			Kemron
21-029Western Seep	21-11157	MD21-00-01198/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7261R	8/10/00	8/23/00	1	TAL_METALS	BA	Barium	14	MG/KG				PM	I13B	PM	I14B			Kemron
21-029Western Seep	21-11157	MD21-00-01198/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7261R	8/10/00	8/23/00	1	TAL_METALS	BE	Beryllium	0.42	MG/KG	J	I1	B	J	I1	PM	I13B	PM	I14B	Kemron
21-029Western Seep	21-11157	MD21-00-01198/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7261R	8/10/00	8/23/00	1	TAL_METALS	CD	Cadmium	0.057	MG/KG	J	I1	B	J	I1	PM	I13B	PM	I14B	Kemron
21-029Western Seep	21-11157	MD21-00-01198/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7261R	8/10/00	8/23/00	1	TAL_METALS	CA	Calcium	260	MG/KG				PM	I13B	PM	I14B			Kemron
21-029Western Seep	21-11157	MD21-00-01198/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7261R	8/10/00	8/23/00	1	TAL_METALS	CR	Chromium, Total	1.6	MG/KG				PM	I13B	PM	I14B			Kemron
21-029Western Seep	21-11157	MD21-00-01198/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7261R	8/10/00	8/23/00	1	TAL_METALS	CO	Cobalt	0.68	MG/KG	J	I1	B	J	I1	PM	I13B	PM	I14B	Kemron
21-029Western Seep	21-11157	MD21-00-01198/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7261R	8/10/00	8/23/00	1	TAL_METALS	CU	Copper	1	MG/KG	J	I1	B	J	I1	PM	I13B	PM	I14B	Kemron
21-029Western Seep	21-11157	MD21-00-01198/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7261R	8/10/00	8/23/00	1	TAL_METALS	FE	Iron	3000	MG/KG				PM	I13B	PM	I14B			Kemron
21-029Western Seep	21-11157	MD21-00-01198/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7261R	8/10/00	8/23/00	1	TAL_METALS	MG	Magnesium	110	MG/KG				PM	I13B	PM	I14B			Kemron
21-029Western Seep	21-11157	MD21-00-01198/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7261R	8/10/00	8/23/00	1	TAL_METALS	MN	Manganese	250	MG/KG				PM	I13B	PM	I14B			Kemron
21-029Western Seep	21-11157	MD21-00-01198/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7261R	8/10/00	8/22/00	1	TAL_METALS	HG	Mercury	0.0189	MG/KG	U	U_LAB	U							Kemron
21-029Western Seep	21-11157	MD21-00-01198/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7261R	8/10/00	8/23/00	1	TAL_METALS	NI	Nickel	1.94	MG/KG	U	U_LAB	U	PM	I13B	PM	I14B			Kemron
21-029Western Seep	21-11157	MD21-00-01198/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7261R	8/10/00	8/23/00	1	TAL_METALS	K	Potassium	180	MG/KG				PM	I13B	PM	I14B			Kemron
21-029Western Seep	21-11157	MD21-00-01198/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7261R	8/10/00	8/29/00	1	TAL_METALS	SE	Selenium	0.0809	MG/KG	U	U_LAB	UW	PM	I14B	PM	I13B			Kemron
21-029Western Seep	21-11157	MD21-00-01198/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7261R	8/10/00	8/23/00	1	TAL_METALS	AG	Silver	0.25	MG/KG	J	I1	B	J	I1	PM	I13B	PM	I14B	Kemron
21-029Western Seep	21-11157	MD21-00-01198/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7261R	8/10/00	8/23/00	1	TAL_METALS	NA	Sodium	160	MG/KG				PM	I13B	PM	I14B			Kemron
21-029Western Seep	21-11157	MD21-00-01198/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7261R	8/10/00	8/30/00	1	TAL_METALS	TL	Thallium	0.21	MG/KG	J	I1	B	J	I1	PM	I13B	PM	I14B	Kemron
21-029Western Seep	21-11157	MD21-00-01198/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7261R	8/10/00	8/23/00	1	TAL_METALS	V	Vanadium	2.3	MG/KG				PM	I13B	PM	I14B			Kemron
21-029Western Seep	21-11157	MD21-00-01198/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7261R	8/10/00	8/23/00	1	TAL_METALS	ZN	Zinc	15	MG/KG				PM	I13B	PM	I14B			Kemron
21-029Western Seep	21-11157	MD21-00-01198/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7259R	8/10/00	8/21/00	1	TPH_STODDARD	STOD	Stoddard Range Organics	0.044	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01198/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7259R	8/10/00	8/20/00		VOC	67-64-1	Acetone	0.021	MG/KG	R	V7	JB	R	V7					RECRA
21-029Western Seep	21-11157	MD21-00-01198/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7259R	8/10/00	8/20/00		VOC	108-86-1	Bromobenzene	0.006	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01198/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7259R	8/10/00	8/20/00		VOC	74-97-5	Bromochloromethane	0.006	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01198/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7259R	8/10/00	8/20/00		VOC	75-27-4	Bromodichloromethane	0.006	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01198/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7259R	8/10/00	8/20/00		VOC	75-25-2	Bromoform	0.006	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01198/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7259R	8/10/00	8/20/00		VOC	74-83-9	Bromomethane	0.012	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01198/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7259R	8/10/00	8/20/00		VOC	78-93-3	Butanone[2-]	0.024	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01198/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7259R	8/10/00	8/20/00		VOC	104-51-8	Butylbenzene[n-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01198/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7259R	8/10/00	8/20/00		VOC	135-98-8	Butylbenzene[sec-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01198/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7259R	8/10/00	8/20/00		VOC	98-06-6	Butylbenzene[tert-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01198/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7259R	8/10/00	8/20/00		VOC	75-15-0	Carbon Disulfide	0.006	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01198/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7259R	8/10/00	8/20/00		VOC	56-23-5	Carbon Tetrachloride	0.006	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01198/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7259R	8/10/00	8/20/00		VOC	108-90-7	Chlorobenzene	0.006	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01198/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7259R	8/10/00	8/20/00		VOC	124-48-1	Chlorodibromomethane	0.006	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01198/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7259R	8/10/00	8/20/00		VOC	75-00-3	Chloroethane	0.012	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01198/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7259R	8/10/00	8/20/00		VOC	67-66-3	Chloroform	0.006	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01198/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7259R	8/10/00	8/20/00		VOC	74-87-3	Chloromethane	0.012	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01198/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7259R	8/10/00	8/20/00		VOC	95-49-8	Chlorotoluene[2-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01198/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7259R	8/10/00	8/20/00		VOC	106-43-4	Chlorotoluene[4-]	0.006	MG/KG	U	U_LAB	U							RECRA
21-029Western Seep	21-11157	MD21-00-01198/7/00 12:20:00 PM	INV	NA	14	14.8	FT	R	QBT3	7259R	8/10/00	8/20/00		VOC	96-12-8	Dibromo-3-chloropropane[1,2-]	0.012	MG/KG	U	U_LAB	U							RECRA

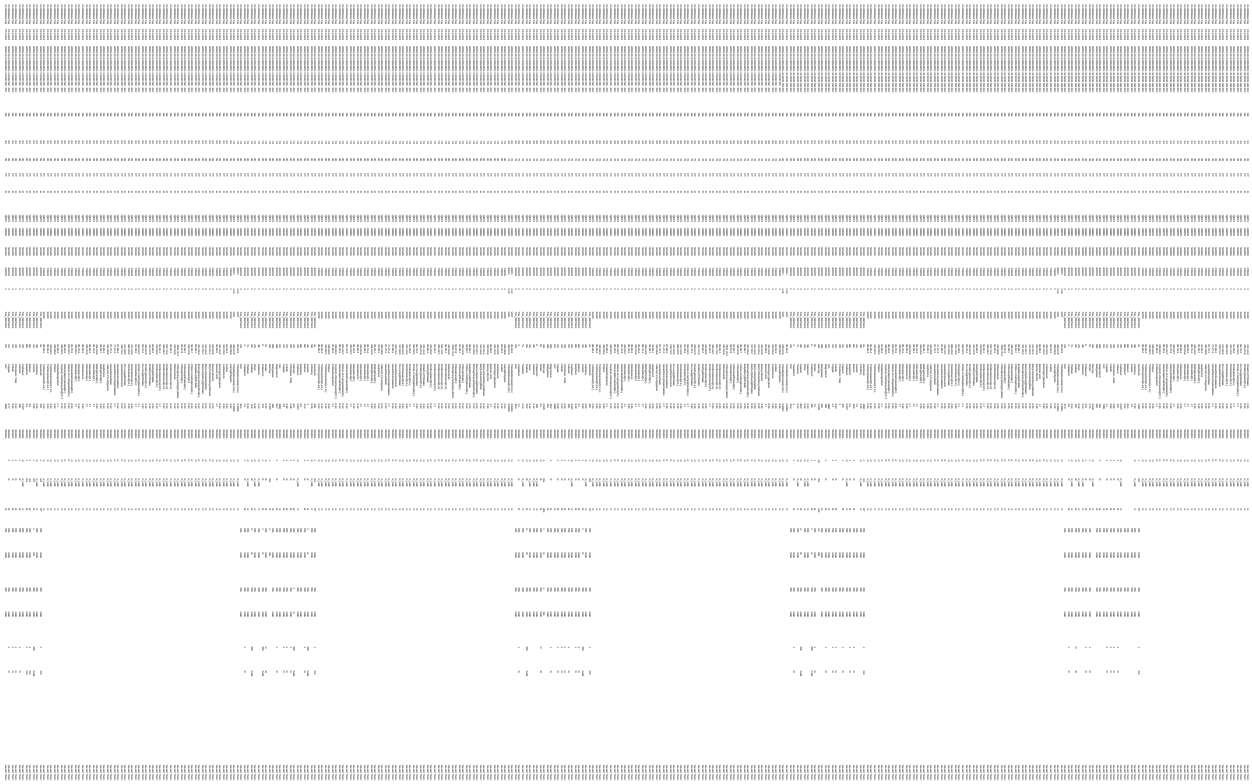




21-029Mesa Top	21-11240	MD21-01-00705/21/01 1:50:00 PM	INV	NA	93	94	FT	R	QBT3	8858R	5/22/01	7/7/01	1	SVOC	606-20-2	Dinitrotoluene[2,6-]	0.34	MG/KG	U	U_LAB	U			Severn Trent
21-029Mesa Top	21-11240	MD21-01-00705/21/01 1:50:00 PM	INV	NA	93	94	FT	R	QBT3	8858R	5/22/01	7/7/01	1	SVOC	117-84-0	Di-n-octylphthalate	0.34	MG/KG	U	U_LAB	U			Severn Trent
21-029Mesa Top	21-11240	MD21-01-00705/21/01 1:50:00 PM	INV	NA	93	94	FT	R	QBT3	8858R	5/22/01	7/7/01	1	SVOC	118-74-1	Hexachlorobenzene	0.34	MG/KG	U	U_LAB	U			Severn Trent
21-029Mesa Top	21-11240	MD21-01-00705/21/01 1:50:00 PM	INV	NA	93	94	FT	R	QBT3	8858R	5/22/01	7/7/01	1	SVOC	87-68-3	Hexachlorobutadiene	0.34	MG/KG	U	U_LAB	U			Severn Trent
21-029Mesa Top	21-11240	MD21-01-00705/21/01 1:50:00 PM	INV	NA	93	94	FT	R	QBT3	8858R	5/22/01	7/7/01	1	SVOC	77-47-4	Hexachlorocyclopentadiene	1.6	MG/KG	U	U_LAB	U			Severn Trent
21-029Mesa Top	21-11240	MD21-01-00705/21/01 1:50:00 PM	INV	NA	93	94	FT	R	QBT3	8858R	5/22/01	7/7/01	1	SVOC	67-72-1	Hexachloroethane	0.34	MG/KG	U	U_LAB	U			Severn Trent
21-029Mesa Top	21-11240	MD21-01-00705/21/01 1:50:00 PM	INV	NA	93	94	FT	R	QBT3	8858R	5/22/01	7/7/01	1	SVOC	193-39-5	Indeno(1,2,3-cd)pyrene	0.34	MG/KG	U	U_LAB	U			Severn Trent
21-029Mesa Top	21-11240	MD21-01-00705/21/01 1:50:00 PM	INV	NA	93	94	FT	R	QBT3	8858R	5/22/01	7/7/01	1	SVOC	78-59-1	Isophorone	0.34	MG/KG	U	U_LAB	U			Severn Trent
21-029Mesa Top	21-11240	MD21-01-00705/21/01 1:50:00 PM	INV	NA	93	94	FT	R	QBT3	8858R	5/22/01	7/7/01	1	SVOC	95-48-7	Methylphenol[2-]	0.34	MG/KG	U	U_LAB	U			Severn Trent
21-029Mesa Top	21-11240	MD21-01-00705/21/01 1:50:00 PM	INV	NA	93	94	FT	R	QBT3	8858R	5/22/01	7/7/01	1	SVOC	106-44-5	Methylphenol[4-]	0.34	MG/KG	U	U_LAB	U			Severn Trent
21-029Mesa Top	21-11240	MD21-01-00705/21/01 1:50:00 PM	INV	NA	93	94	FT	R	QBT3	8858R	5/22/01	7/7/01	1	SVOC	88-74-4	Nitroaniline[2-]	1.6	MG/KG	U	U_LAB	U			Severn Trent
21-029Mesa Top	21-11240	MD21-01-00705/21/01 1:50:00 PM	INV	NA	93	94	FT	R	QBT3	8858R	5/22/01	7/7/01	1	SVOC	99-09-2	Nitroaniline[3-]	1.6	MG/KG	U	U_LAB	U			Severn Trent
21-029Mesa Top	21-11240	MD21-01-00705/21/01 1:50:00 PM	INV	NA	93	94	FT	R	QBT3	8858R	5/22/01	7/7/01	1	SVOC	100-01-6	Nitroaniline[4-]	1.6	MG/KG	U	U_LAB	U			Severn Trent
21-029Mesa Top	21-11240	MD21-01-00705/21/01 1:50:00 PM	INV	NA	93	94	FT	R	QBT3	8858R	5/22/01	7/7/01	1	SVOC	98-95-3	Nitrobenzene	0.34	MG/KG	U	U_LAB	U			Severn Trent
21-029Mesa Top	21-11240	MD21-01-00705/21/01 1:50:00 PM	INV	NA	93	94	FT	R	QBT3	8858R	5/22/01	7/7/01	1	SVOC	88-75-5	Nitrophenol[2-]	0.34	MG/KG	U	U_LAB	U			Severn Trent
21-029Mesa Top	21-11240	MD21-01-00705/21/01 1:50:00 PM	INV	NA	93	94	FT	R	QBT3	8858R	5/22/01	7/7/01	1	SVOC	100-02-7	Nitrophenol[4-]	1.6	MG/KG	U	U_LAB	U			Severn Trent
21-029Mesa Top	21-11240	MD21-01-00705/21/01 1:50:00 PM	INV	NA	93	94	FT	R	QBT3	8858R	5/22/01	7/7/01	1	SVOC	62-75-9	Nitrosodimethylamine[N-]	0.34	MG/KG	U	U_LAB	U			Severn Trent
21-029Mesa Top	21-11240	MD21-01-00705/21/01 1:50:00 PM	INV	NA	93	94	FT	R	QBT3	8858R	5/22/01	7/7/01	1	SVOC	621-64-7	Nitroso-di-n-propylamine[N-]	0.34	MG/KG	U	U_LAB	U			Severn Trent
21-029Mesa Top	21-11240	MD21-01-00705/21/01 1:50:00 PM	INV	NA	93	94	FT	R	QBT3	8858R	5/22/01	7/7/01	1	SVOC	86-30-6	Nitrosodiphenylamine[N-]	0.34	MG/KG	U	U_LAB	U			Severn Trent
21-029Mesa Top	21-11240	MD21-01-00705/21/01 1:50:00 PM	INV	NA	93	94	FT	R	QBT3	8858R	5/22/01	7/7/01	1	SVOC	108-60-1	Oxybis(1-chloropropane)[2,2'-]	0.34	MG/KG	U	U_LAB	U			Severn Trent
21-029Mesa Top	21-11240	MD21-01-00705/21/01 1:50:00 PM	INV	NA	93	94	FT	R	QBT3	8858R	5/22/01	7/7/01	1	SVOC	87-86-5	Pentachlorophenol	1.6	MG/KG	U	U_LAB	U			Severn Trent
21-029Mesa Top	21-11240	MD21-01-00705/21/01 1:50:00 PM	INV	NA	93	94	FT	R	QBT3	8858R	5/22/01	7/7/01	1	SVOC	108-95-2	Phenol	0.34	MG/KG	U	U_LAB	U			Severn Trent
21-029Mesa Top	21-11240	MD21-01-00705/21/01 1:50:00 PM	INV	NA	93	94	FT	R	QBT3	8858R	5/22/01	7/7/01	1	SVOC	120-82-1	Trichlorobenzene[1,2,4-]	0.34	MG/KG	U	U_LAB	U			Severn Trent
21-029Mesa Top	21-11240	MD21-01-00705/21/01 1:50:00 PM	INV	NA	93	94	FT	R	QBT3	8858R	5/22/01	7/7/01	1	SVOC	95-95-4	Trichlorophenol[2,4,5-]	0.34	MG/KG	U	U_LAB	U			Severn Trent
21-029Mesa Top	21-11240	MD21-01-00705/21/01 1:50:00 PM	INV	NA	93	94	FT	R	QBT3	8858R	5/22/01	7/7/01	1	SVOC	88-06-2	Trichlorophenol[2,4,6-]	0.34	MG/KG	U	U_LAB	U			Severn Trent
21-029Mesa Top	21-11240	MD21-01-00705/21/01 1:50:00 PM	INV	NA	93	94	FT	R	QBT3	8860R	5/22/01	6/21/01	1	TAL_METALS	AL	Aluminum	269	MG/KG	J+	I3	N*	J+	I3	Severn Trent
21-029Mesa Top	21-11240	MD21-01-00705/21/01 1:50:00 PM	INV	NA	93	94	FT	R	QBT3	8860R	5/22/01	6/20/01	1	TAL_METALS	SB	Antimony	0.26	MG/KG	U	U_LAB	U			Severn Trent
21-029Mesa Top	21-11240	MD21-01-00705/21/01 1:50:00 PM	INV	NA	93	94	FT	R	QBT3	8860R	5/22/01	6/20/01	1	TAL_METALS	AS	Arsenic	1.1	MG/KG						Severn Trent
21-029Mesa Top	21-11240	MD21-01-00705/21/01 1:50:00 PM	INV	NA	93	94	FT	R	QBT3	8860R	5/22/01	6/20/01	1	TAL_METALS	BA	Barium	16.9	MG/KG	J	I1	B	J	I1	Severn Trent
21-029Mesa Top	21-11240	MD21-01-00705/21/01 1:50:00 PM	INV	NA	93	94	FT	R	QBT3	8860R	5/22/01	6/20/01	1	TAL_METALS	BE	Beryllium	0.49	MG/KG	J	I1	B	J	I1	Severn Trent
21-029Mesa Top	21-11240	MD21-01-00705/21/01 1:50:00 PM	INV	NA	93	94	FT	R	QBT3	8860R	5/22/01	6/20/01	1	TAL_METALS	CD	Cadmium	0.027	MG/KG	U	U_LAB	U			Severn Trent
21-029Mesa Top	21-11240	MD21-01-00705/21/01 1:50:00 PM	INV	NA	93	94	FT	R	QBT3	8860R	5/22/01	6/20/01	1	TAL_METALS	CA	Calcium	124	MG/KG	U	I5	B	U	I5	Severn Trent
21-029Mesa Top	21-11240	MD21-01-00705/21/01 1:50:00 PM	INV	NA	93	94	FT	R	QBT3	8860R	5/22/01	6/21/01	1	TAL_METALS	CR	Chromium, Total	1.1	MG/KG						Severn Trent
21-029Mesa Top	21-11240	MD21-01-00705/21/01 1:50:00 PM	INV	NA	93	94	FT	R	QBT3	8860R	5/22/01	6/20/01	1	TAL_METALS	CO	Cobalt	0.54	MG/KG	J	I1	B	J	I1	Severn Trent
21-029Mesa Top	21-11240	MD21-01-00705/21/01 1:50:00 PM	INV	NA	93	94	FT	R	QBT3	8860R	5/22/01	6/20/01	1	TAL_METALS	CU	Copper	0.84	MG/KG	J	I1	B	J	I1	Severn Trent
21-029Mesa Top	21-11240	MD21-01-00705/21/01 1:50:00 PM	INV	NA	93	94	FT	R	QBT3	8860R	5/22/01	6/21/01	1	TAL_METALS	FE	Iron	4440	MG/KG			N			Severn Trent
21-029Mesa Top	21-11240	MD21-01-00705/21/01 1:50:00 PM	INV	NA	93	94	FT	R	QBT3	8860R	5/22/01	6/20/01	1	TAL_METALS	MG	Magnesium	59.4	MG/KG	U	I5	B	U	I5	Severn Trent
21-029Mesa Top	21-11240	MD21-01-00705/21/01 1:50:00 PM	INV	NA	93	94	FT	R	QBT3	8860R	5/22/01	6/20/01	1	TAL_METALS	MN	Manganese	274	MG/KG			N			Severn Trent
21-029Mesa Top	21-11240	MD21-01-00705/21/01 1:50:00 PM	INV	NA	93	94	FT	R	QBT3	8860R	5/22/01	6/15/01	1	TAL_METALS	HG	Mercury	0.017	MG/KG	U	U_LAB	U			Severn Trent
21-029Mesa Top	21-11240	MD21-01-00705/21/01 1:50:00 PM	INV	NA	93	94	FT	R	QBT3	8860R	5/22/01	6/20/01	1	TAL_METALS	NI	Nickel	0.33	MG/KG	U	I5	B	U	I5	Severn Trent
21-029Mesa Top	21-11240	MD21-01-00705/21/01 1:50:00 PM	INV	NA	93	94	FT	R	QBT3	8860R	5/22/01	6/21/01	1	TAL_METALS	K	Potassium	263	MG/KG	J	I1	B	J	I1	Severn Trent
21-029Mesa Top	21-11240	MD21-01-00705/21/01 1:50:00 PM	INV	NA	93	94	FT	R	QBT3	8860R	5/22/01	6/20/01	1	TAL_METALS	SE	Selenium	0.12	MG/KG	U	U_LAB	U			Severn Trent
21-029Mesa Top	21-11240	MD21-01-00705/21/01 1:50:00 PM	INV	NA	93	94	FT	R	QBT3	8860R	5/22/01	6/21/01	1	TAL_METALS	AG	Silver	0.44	MG/KG	U	U_LAB	U			Severn Trent
21-029Mesa Top	21-11240	MD21-01-00705/21/01 1:50:00 PM	INV	NA	93	94	FT	R	QBT3	8860R	5/22/01	6/21/01	1	TAL_METALS	NA	Sodium	78.8	MG/KG	U	I5	B	U	I5	Severn Trent
21-029Mesa Top	21-11240	MD21-01-00705/21/01 1:50:00 PM	INV	NA	93	94	FT	R	QBT3	8860R	5/22/01	6/20/01	1	TAL_METALS	TL	Thallium	0.14	MG/KG	U	U_LAB	U			Severn Trent
21-029Mesa Top	21-11240	MD21-01-00705/21/01 1:50:00 PM	INV	NA	93	94	FT	R	QBT3	8860R	5/22/01	6/20/01	1	TAL_METALS	V	Vanadium	1.9	MG/KG	J	I1	B	J	I1	Severn Trent
21-029Mesa Top	21-11240	MD21-01-00705/21/01 1:50:00 PM	INV	NA	93	94	FT	R	QBT3	8860R	5/22/01	6/20/01	1	TAL_METALS	ZN	Zinc	31.6	MG/KG	J	I1		J	I1	Severn Trent
21-029Mesa Top	21-11240	MD21-01-00705/21/01 1:50:00 PM	INV	NA	93	94	FT	R	QBT3	8859R	5/22/01	5/25/01	1.28	VOC	95-63-6	Trimethylbenzene[1,2,4-]	0.0066	MG/KG	U	U_LAB	U			Severn Trent
21-029Mesa Top	21-11240	MD21-01-00705/21/01 1:50:00 PM	INV	NA	93	94	FT	R	QBT3	8859R	5/22/01	5/25/01	1.28	VOC	108-67-8	Trimethylbenzene[1,3,5-]	0.0066	MG/KG	U	U_LAB	U			Severn Trent
21-029Mesa Top	21-11240	MD21-01-00705/21/00 1:50:00 PM	QC	FD	93	94	FT	R	QBT3	8861R	5/22/01	6/27/01	1	AM-241	AM-241	Americium-241	0.018	PCI/G	U	<2*TPU	U	U	R5	Severn Trent
21-029Mesa Top	21-11240	MD21-01-00705/21/00 1:50:00 PM	QC	FD	93	94	FT	R	QBT3	8861R	5/22/01	6/21/01	1	GAMMA_SPEC	CS-134	Cesium-134	0.046	PCI/G	U	<2*TPU	U	U	R5	Severn Trent
21-029Mesa Top	21-11240	MD21-01-00705/21/00 1:50:00 PM	QC	FD	93	94	FT	R	QBT3	8861R	5/22/01	6/21/01	1	GAMMA_SPEC	CS-137	Cesium-137	0.32	PCI/G						Severn Trent
21-029Mesa Top	21-11240	MD21-01-00705/21/00 1:50:00 PM	QC	FD	93	94	FT	R	QBT3	8861R	5/22/01	6/21/01	1	GAMMA_SPEC	CO-60	Cobalt-60	0.05	PCI/G	U	<2*TPU	U	U	R5	Severn Trent
21-029Mesa Top	21-11240	MD21-01-00705/21/00 1:50:00 PM	QC	FD	93	94	FT	R	QBT3	8861R	5/22/01	6/16/01	1	H-3	H-3	Tritium	0.03	PCI/G	U	<2*TPU	U	U	R5	Severn Trent
21-029Mesa Top	21-11240	MD21-01-00705/21/00 1:50:00 PM	QC	FD	93	94	FT	R	QBT3	8861R	5/22/01	6/19/01	1	ISO_U	U-235	Uranium-235	0.081	PCI/G	U	R4	J	U	R4	Severn Trent
21-029Mesa Top	21-11240	MD21-01-00705/21/00 1:50:00 PM	QC	FD	93	94	FT	R	QBT3	8858R	5/22/01	7/7/01	1	SVOC	208-96-8	Acenaphthylene	0.34	MG/KG	U	U_LAB	U			Severn Trent
21-029Mesa Top	21-11240	MD21-01-00705/21/00 1:50:00 PM	QC	FD	93	94	FT	R	QBT3	8858R	5/22/01	7/7/01	1	SVOC	62-53-3	Aniline	0.34	MG/KG	U	U_LAB	U			Severn Trent
21-029Mesa Top	21-11240	MD21-01-00705/21/00 1:50:00 PM	QC	FD	93	94	FT	R	QBT3	8858R	5/22/01	7/7/01	1	SVOC	103-33-3	Azobenzene	0.34	MG/KG	U	U_LAB	U			Severn Trent
21-029Mesa Top	21-11240	MD21-01-00705/21/00 1:50:00 PM	QC	FD	93	94	FT	R	QBT3	8858R	5/22/01	7/7/01	1	SVOC	191-24-2	Benzo(g,h,i)perylene	0.34	MG/KG	U	U_LAB	U			Severn Trent
21-029Mesa Top	21-11240	MD21-01-00705/21/00 1:50:00 PM	QC	FD	93	94	FT	R	QBT3	8858R	5/22/01	7/7/01	1	SVOC	65-85-0	Benzoic Acid	1.7	MG/KG	U	U_LAB	U			Severn Trent
21-029Mesa Top	21-11240	MD21-01-00705/21/00 1:50:00 PM	QC	FD	93	94	FT	R	QBT3	8858R	5/22/01	7/7/01	1	SVOC	100-51-6	Benzyl Alcohol	0.34	MG/KG	UJ	SV7a	U	UJ	SV7A	Severn Trent
21-029Mesa Top	21-11240	MD21-01-00705/21/00 1:50:00 PM	QC	FD	93	94	FT	R	QBT3	8858R	5/22/01	7/7/01	1	SVOC	111-91-1	Bis(2-chloroethoxy)methane	0.34	MG/KG	U	U_LAB	U			Severn Trent
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

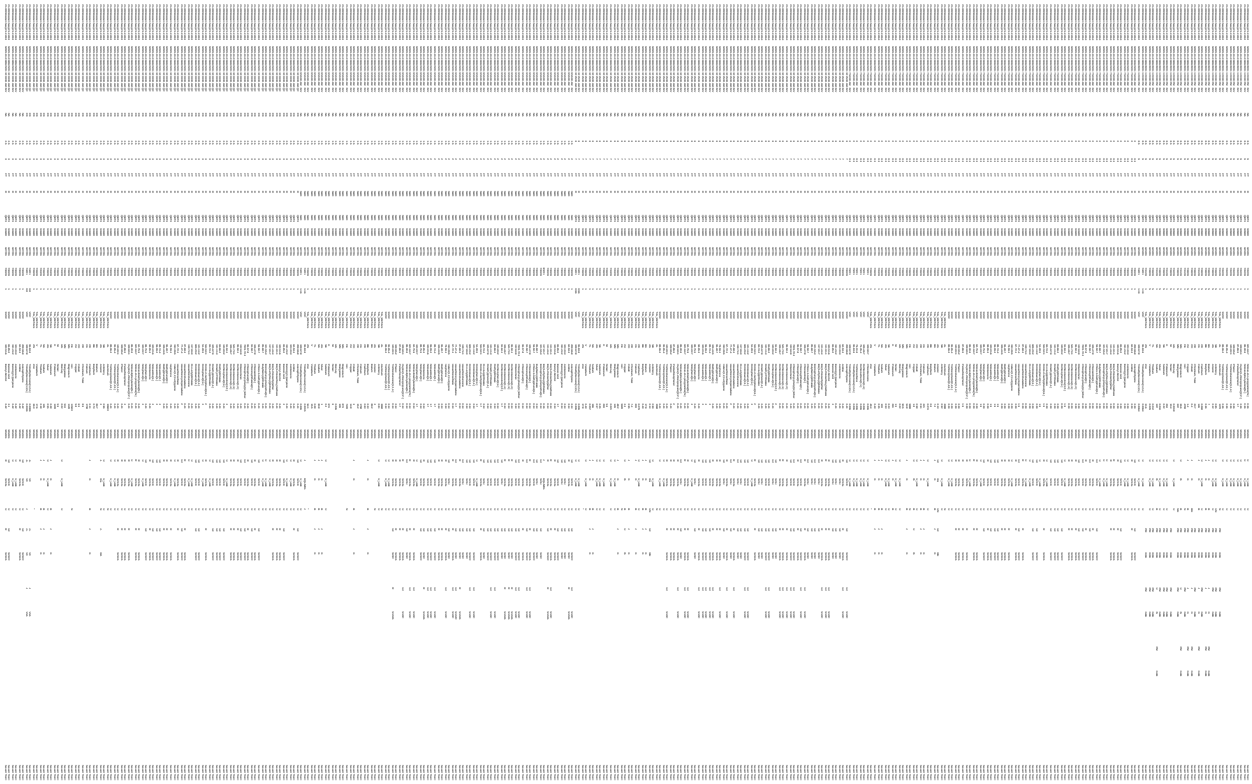
21-029Mesa Top	21-11240	MD21-01-01125/21/01 10:20:00 AM	INV	NA	46.7	47	FT	R	QBT3	8862R	5/23/01	7/14/01	1	SVOC	7005-72-3	Chlorophenyl-phenyl[4-] Ether	0.35	MG/KG	U	U_LAB	U	Severn Trent
21-029Mesa Top	21-11240	MD21-01-01125/21/01 10:20:00 AM	INV	NA	46.7	47	FT	R	QBT3	8862R	5/23/01	7/14/01	1	SVOC	132-64-9	Dibenzofuran	0.35	MG/KG	U	U_LAB	U	Severn Trent
21-029Mesa Top	21-11240	MD21-01-01125/21/01 10:20:00 AM	INV	NA	46.7	47	FT	R	QBT3	8862R	5/23/01	7/14/01	1	SVOC	95-50-1	Dichlorobenzene[1,2-]	0.35	MG/KG	U	U_LAB	U	Severn Trent
21-029Mesa Top	21-11240	MD21-01-01125/21/01 10:20:00 AM	INV	NA	46.7	47	FT	R	QBT3	8862R	5/23/01	7/14/01	1	SVOC	541-73-1	Dichlorobenzene[1,3-]	0.35	MG/KG	U	U_LAB	U	Severn Trent
21-029Mesa Top	21-11240	MD21-01-01125/21/01 10:20:00 AM	INV	NA	46.7	47	FT	R	QBT3	8862R	5/23/01	7/14/01	1	SVOC	106-46-7	Dichlorobenzene[1,4-]	0.35	MG/KG	U	U_LAB	U	Severn Trent
21-029Mesa Top	21-11240	MD21-01-01125/21/01 10:20:00 AM	INV	NA	46.7	47	FT	R	QBT3	8862R	5/23/01	7/14/01	1	SVOC	91-94-1	Dichlorobenzidine[3,3'-]	1.7	MG/KG	U	U_LAB	U	Severn Trent
21-029Mesa Top	21-11240	MD21-01-01125/21/01 10:20:00 AM	INV	NA	46.7	47	FT	R	QBT3	8862R	5/23/01	7/14/01	1	SVOC	120-83-2	Dichlorophenol[2,4-]	0.35	MG/KG	U	U_LAB	U	Severn Trent
21-029Mesa Top	21-11240	MD21-01-01125/21/01 10:20:00 AM	INV	NA	46.7	47	FT	R	QBT3	8862R	5/23/01	7/14/01	1	SVOC	84-66-2	Diethylphthalate	0.35	MG/KG	U	U_LAB	U	Severn Trent
21-029Mesa Top	21-11240	MD21-01-01125/21/01 10:20:00 AM	INV	NA	46.7	47	FT	R	QBT3	8862R	5/23/01	7/14/01	1	SVOC	131-11-3	Dimethyl Phthalate	0.35	MG/KG	U	U_LAB	U	Severn Trent
21-029Mesa Top	21-11240	MD21-01-01125/21/01 10:20:00 AM	INV	NA	46.7	47	FT	R	QBT3	8862R	5/23/01	7/14/01	1	SVOC	105-67-9	Dimethylphenol[2,4-]	0.35	MG/KG	U	U_LAB	U	Severn Trent
21-029Mesa Top	21-11240	MD21-01-01125/21/01 10:20:00 AM	INV	NA	46.7	47	FT	R	QBT3	8862R	5/23/01	7/14/01	1	SVOC	84-74-2	Di-n-butylphthalate	0.35	MG/KG	U	U_LAB	U	Severn Trent
21-029Mesa Top	21-11240	MD21-01-01125/21/01 10:20:00 AM	INV	NA	46.7	47	FT	R	QBT3	8862R	5/23/01	7/14/01	1	SVOC	534-52-1	Dinitro-2-methylphenol[4,6-]	1.7	MG/KG	U	U_LAB	U	Severn Trent
21-029Mesa Top	21-11240	MD21-01-01125/21/01 10:20:00 AM	INV	NA	46.7	47	FT	R	QBT3	8862R	5/23/01	7/14/01	1	SVOC	51-28-5	Dinitrophenol[2,4-]	1.7	MG/KG	U	U_LAB	U	Severn Trent
21-029Mesa Top	21-11240	MD21-01-01125/21/01 10:20:00 AM	INV	NA	46.7	47	FT	R	QBT3	8862R	5/23/01	7/14/01	1	SVOC	121-14-2	Dinitrotoluene[2,4-]	0.35	MG/KG	U	U_LAB	U	Severn Trent
21-029Mesa Top	21-11240	MD21-01-01125/21/01 10:20:00 AM	INV	NA	46.7	47	FT	R	QBT3	8862R	5/23/01	7/14/01	1	SVOC	606-20-2	Dinitrotoluene[2,6-]	0.35	MG/KG	U	U_LAB	U	Severn Trent
21-029Mesa Top	21-11240	MD21-01-01125/21/01 10:20:00 AM	INV	NA	46.7	47	FT	R	QBT3	8862R	5/23/01	7/14/01	1	SVOC	117-84-0	Di-n-octylphthalate	0.35	MG/KG	U	U_LAB	U	Severn Trent
21-029Mesa Top	21-11240	MD21-01-01125/21/01 10:20:00 AM	INV	NA	46.7	47	FT	R	QBT3	8862R	5/23/01	7/14/01	1	SVOC	118-74-1	Hexachlorobenzene	0.35	MG/KG	U	U_LAB	U	Severn Trent
21-029Mesa Top	21-11240	MD21-01-01125/21/01 10:20:00 AM	INV	NA	46.7	47	FT	R	QBT3	8862R	5/23/01	7/14/01	1	SVOC	87-68-3	Hexachlorobutadiene	0.35	MG/KG	U	U_LAB	U	Severn Trent
21-029Mesa Top	21-11240	MD21-01-01125/21/01 10:20:00 AM	INV	NA	46.7	47	FT	R	QBT3	8862R	5/23/01	7/14/01	1	SVOC	77-47-4	Hexachlorocyclopentadiene	1.7	MG/KG	U	U_LAB	U	Severn Trent
21-029Mesa Top	21-11240	MD21-01-01125/21/01 10:20:00 AM	INV	NA	46.7	47	FT	R	QBT3	8862R	5/23/01	7/14/01	1	SVOC	67-72-1	Hexachloroethane	0.35	MG/KG	U	U_LAB	U	Severn Trent
21-029Mesa Top	21-11240	MD21-01-01125/21/01 10:20:00 AM	INV	NA	46.7	47	FT	R	QBT3	8862R	5/23/01	7/14/01	1	SVOC	193-39-5	Indeno(1,2,3-cd)pyrene	0.35	MG/KG	U	U_LAB	U	Severn Trent
21-029Mesa Top	21-11240	MD21-01-01125/21/01 10:20:00 AM	INV	NA	46.7	47	FT	R	QBT3	8862R	5/23/01	7/14/01	1	SVOC	78-59-1	Isophorone	0.35	MG/KG	U	U_LAB	U	Severn Trent
21-029Mesa Top	21-11240	MD21-01-01125/21/01 10:20:00 AM	INV	NA	46.7	47	FT	R	QBT3	8862R	5/23/01	7/14/01	1	SVOC	95-48-7	Methylphenol[2-]	0.35	MG/KG	U	U_LAB	U	Severn Trent
21-029Mesa Top	21-11240	MD21-01-01125/21/01 10:20:00 AM	INV	NA	46.7	47	FT	R	QBT3	8862R	5/23/01	7/14/01	1	SVOC	106-44-5	Methylphenol[4-]	0.35	MG/KG	U	U_LAB	U	Severn Trent
21-029Mesa Top	21-11240	MD21-01-01125/21/01 10:20:00 AM	INV	NA	46.7	47	FT	R	QBT3	8862R	5/23/01	7/14/01	1	SVOC	88-74-4	Nitroaniline[2-]	1.7	MG/KG	U	U_LAB	U	Severn Trent
21-029Mesa Top	21-11240	MD21-01-01125/21/01 10:20:00 AM	INV	NA	46.7	47	FT	R	QBT3	8862R	5/23/01	7/14/01	1	SVOC	99-09-2	Nitroaniline[3-]	1.7	MG/KG	U	U_LAB	U	Severn Trent
21-029Mesa Top	21-11240	MD21-01-01125/21/01 10:20:00 AM	INV	NA	46.7	47	FT	R	QBT3	8862R	5/23/01	7/14/01	1	SVOC	100-01-6	Nitroaniline[4-]	1.7	MG/KG	U	U_LAB	U	Severn Trent
21-029Mesa Top	21-11240	MD21-01-01125/21/01 10:20:00 AM	INV	NA	46.7	47	FT	R	QBT3	8862R	5/23/01	7/14/01	1	SVOC	98-95-3	Nitrobenzene	0.35	MG/KG	U	U_LAB	U	Severn Trent
21-029Mesa Top	21-11240	MD21-01-01125/21/01 10:20:00 AM	INV	NA	46.7	47	FT	R	QBT3	8862R	5/23/01	7/14/01	1	SVOC	88-75-5	Nitrophenol[2-]	0.35	MG/KG	U	U_LAB	U	Severn Trent
21-029Mesa Top	21-11240	MD21-01-01125/21/01 10:20:00 AM	INV	NA	46.7	47	FT	R	QBT3	8862R	5/23/01	7/14/01	1	SVOC	100-02-7	Nitrophenol[4-]	1.7	MG/KG	U	U_LAB	U	Severn Trent
21-029Mesa Top	21-11240	MD21-01-01125/21/01 10:20:00 AM	INV	NA	46.7	47	FT	R	QBT3	8862R	5/23/01	7/14/01	1	SVOC	62-75-9	Nitrosodimethylamine[N-]	0.35	MG/KG	U	U_LAB	U	Severn Trent
21-029Mesa Top	21-11240	MD21-01-01125/21/01 10:20:00 AM	INV	NA	46.7	47	FT	R	QBT3	8862R	5/23/01	7/14/01	1	SVOC	621-64-7	Nitroso-di-n-propylamine[N-]	0.35	MG/KG	U	U_LAB	U	Severn Trent
21-029Mesa Top	21-11240	MD21-01-01125/21/01 10:20:00 AM	INV	NA	46.7	47	FT	R	QBT3	8862R	5/23/01	7/14/01	1	SVOC	86-30-6	Nitrosodiphenylamine[N-]	0.35	MG/KG	U	U_LAB	U	Severn Trent
21-029Mesa Top	21-11240	MD21-01-01125/21/01 10:20:00 AM	INV	NA	46.7	47	FT	R	QBT3	8862R	5/23/01	7/14/01	1	SVOC	108-60-1	Oxybis(1-chloropropane)[2,2'-]	0.35	MG/KG	U	U_LAB	U	Severn Trent
21-029Mesa Top	21-11240	MD21-01-01125/21/01 10:20:00 AM	INV	NA	46.7	47	FT	R	QBT3	8862R	5/23/01	7/14/01	1	SVOC	87-86-5	Pentachlorophenol	1.7	MG/KG	U	U_LAB	U	Severn Trent
21-029Mesa Top	21-11240	MD21-01-01125/21/01 10:20:00 AM	INV	NA	46.7	47	FT	R	QBT3	8862R	5/23/01	7/14/01	1	SVOC	108-95-2	Phenol	0.35	MG/KG	U	U_LAB	U	Severn Trent
21-029Mesa Top	21-11240	MD21-01-01125/21/01 10:20:00 AM	INV	NA	46.7	47	FT	R	QBT3	8862R	5/23/01	7/14/01	1	SVOC	120-82-1	Trichlorobenzene[1,2,4-]	0.35	MG/KG	U	U_LAB	U	Severn Trent
21-029Mesa Top	21-11240	MD21-01-01125/21/01 10:20:00 AM	INV	NA	46.7	47	FT	R	QBT3	8862R	5/23/01	7/14/01	1	SVOC	95-95-4	Trichlorophenol[2,4,5-]	0.35	MG/KG	U	U_LAB	U	Severn Trent
21-029Mesa Top	21-11240	MD21-01-01125/21/01 10:20:00 AM	INV	NA	46.7	47	FT	R	QBT3	8862R	5/23/01	7/14/01	1	SVOC	88-06-2	Trichlorophenol[2,4,6-]	0.35	MG/KG	U	U_LAB	U	Severn Trent
[illegible]																						

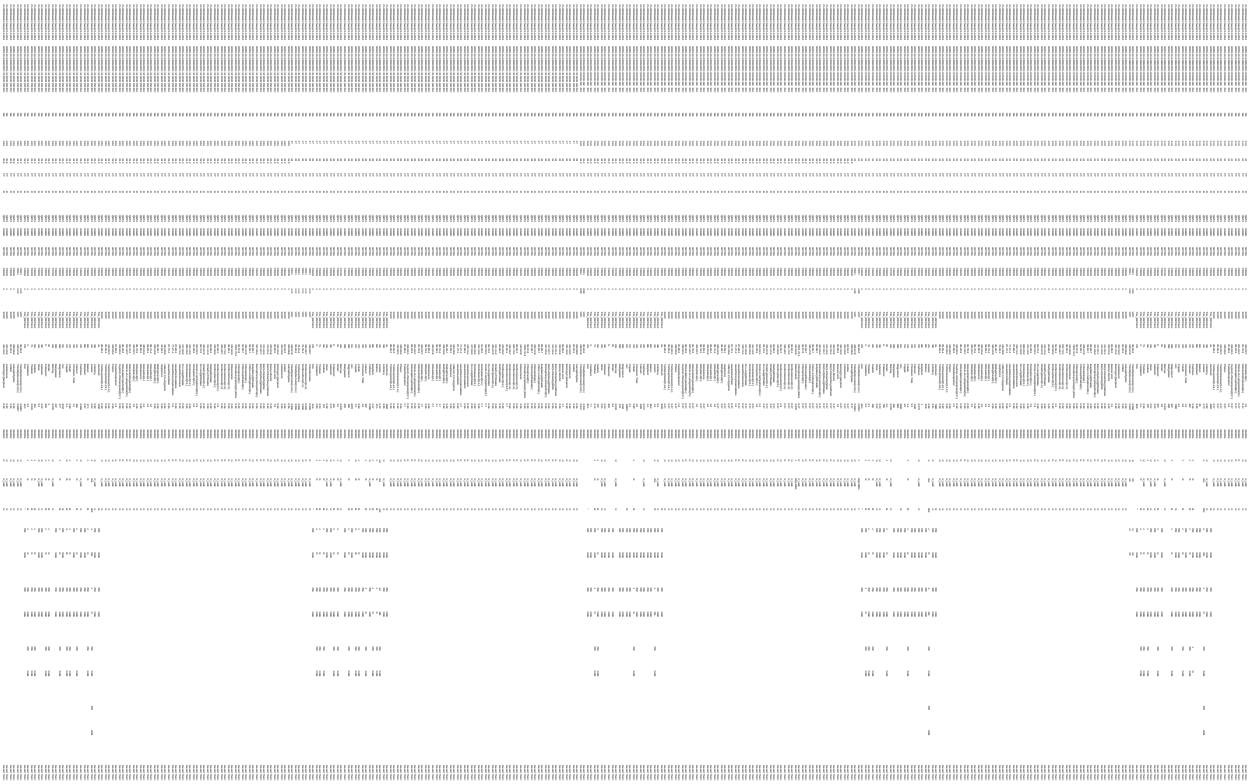
| | | |



21-029Western Seep21-11249	MD21-01-01456/6/01 10:50:00 AM	INV	NA	5.5	6	FT	R	QBT3	8934R	6/7/01	6/26/01	1	TAL_METALS	HG	Mercury	0.018	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11249	MD21-01-01456/6/01 10:50:00 AM	INV	NA	5.5	6	FT	R	QBT3	8934R	6/7/01	6/27/01	1	TAL_METALS	NI	Nickel	2.2	MG/KG	J	I1	B	PM	I13B	PM	I14B	J	I1	Severn Trent
21-029Western Seep21-11249	MD21-01-01456/6/01 10:50:00 AM	INV	NA	5.5	6	FT	R	QBT3	8934R	6/7/01	6/27/01	1	TAL_METALS	K	Potassium	304	MG/KG	J	I1	B	PM	I13B	PM	I14B	J	I1	Severn Trent
21-029Western Seep21-11249	MD21-01-01456/6/01 10:50:00 AM	INV	NA	5.5	6	FT	R	QBT3	8934R	6/7/01	7/2/01	1	TAL_METALS	SE	Selenium	0.13	MG/KG	U	U_LAB	U	PM	I13B	PM	I14B			Severn Trent
21-029Western Seep21-11249	MD21-01-01456/6/01 10:50:00 AM	INV	NA	5.5	6	FT	R	QBT3	8934R	6/7/01	6/27/01	1	TAL_METALS	AG	Silver	0.44	MG/KG	U	U_LAB	U	PM	I13B	PM	I14B			Severn Trent
21-029Western Seep21-11249	MD21-01-01456/6/01 10:50:00 AM	INV	NA	5.5	6	FT	R	QBT3	8934R	6/7/01	6/27/01	1	TAL_METALS	NA	Sodium	111	MG/KG	J	I1	B	PM	I13B	PM	I14B	J	I1	Severn Trent
21-029Western Seep21-11249	MD21-01-01456/6/01 10:50:00 AM	INV	NA	5.5	6	FT	R	QBT3	8934R	6/7/01	7/2/01	1	TAL_METALS	TL	Thallium	0.16	MG/KG	U	U_LAB	U	PM	I13B	PM	I14B			Severn Trent
21-029Western Seep21-11249	MD21-01-01456/6/01 10:50:00 AM	INV	NA	5.5	6	FT	R	QBT3	8934R	6/7/01	6/27/01	1	TAL_METALS	V	Vanadium	3	MG/KG	J	I1	B	J	I1	PM	I13B	PM	I14B	Severn Trent
21-029Western Seep21-11249	MD21-01-01456/6/01 10:50:00 AM	INV	NA	5.5	6	FT	R	QBT3	8934R	6/7/01	6/27/01	1	TAL_METALS	ZN	Zinc	40.4	MG/KG				PM	I13B	PM	I14B			Severn Trent
21-029Western Seep21-11249	MD21-01-01456/6/01 10:50:00 AM	INV	NA	5.5	6	FT	R	QBT3	8933R	6/7/01	6/12/01	1.15	VOC	95-63-6	Trimethylbenzene[1,2,4-]	0.006	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11249	MD21-01-01456/6/01 10:50:00 AM	INV	NA	5.5	6	FT	R	QBT3	8933R	6/7/01	6/12/01	1.15	VOC	108-67-8	Trimethylbenzene[1,3,5-]	0.006	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11249	MD21-01-01456/6/01 10:50:00 AM	QC	FD	5.5	6	FT	R	QBT3	8933R	6/7/01	7/20/01	1	SVOC	208-96-8	Acenaphthylene	0.35	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11249	MD21-01-01456/6/01 10:50:00 AM	QC	FD	5.5	6	FT	R	QBT3	8933R	6/7/01	7/20/01	1	SVOC	62-53-3	Aniline	0.35	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11249	MD21-01-01456/6/01 10:50:00 AM	QC	FD	5.5	6	FT	R	QBT3	8933R	6/7/01	7/20/01	1	SVOC	103-33-3	Azobenzene	0.35	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11249	MD21-01-01456/6/01 10:50:00 AM	QC	FD	5.5	6	FT	R	QBT3	8933R	6/7/01	7/20/01	1	SVOC	191-24-2	Benzo(g,h,i)perylene	0.35	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11249	MD21-01-01456/6/01 10:50:00 AM	QC	FD	5.5	6	FT	R	QBT3	8933R	6/7/01	7/20/01	1	SVOC	65-85-0	Benzoic Acid	1.7	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11249	MD21-01-01456/6/01 10:50:00 AM	QC	FD	5.5	6	FT	R	QBT3	8933R	6/7/01	7/20/01	1	SVOC	100-51-6	Benzyl Alcohol	0.35	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11249	MD21-01-01456/6/01 10:50:00 AM	QC	FD	5.5	6	FT	R	QBT3	8933R	6/7/01	7/20/01	1	SVOC	111-91-1	Bis(2-chloroethoxy)methane	0.35	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11249	MD21-01-01456/6/01 10:50:00 AM	QC	FD	5.5	6	FT	R	QBT3	8933R	6/7/01	7/20/01	1	SVOC	111-44-4	Bis(2-chloroethyl)ether	0.35	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11249	MD21-01-01456/6/01 10:50:00 AM	QC	FD	5.5	6	FT	R	QBT3	8933R	6/7/01	7/20/01	1	SVOC	117-81-7	Bis(2-ethylhexyl)phthalate	0.35	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11249	MD21-01-01456/6/01 10:50:00 AM	QC	FD	5.5	6	FT	R	QBT3	8933R	6/7/01	7/20/01	1	SVOC	101-55-3	Bromophenyl-phenylether[4-]	0.35	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11249	MD21-01-01456/6/01 10:50:00 AM	QC	FD	5.5	6	FT	R	QBT3	8933R	6/7/01	7/20/01	1	SVOC	85-68-7	Butylbenzylphthalate	0.35	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11249	MD21-01-01456/6/01 10:50:00 AM	QC	FD	5.5	6	FT	R	QBT3	8933R	6/7/01	7/20/01	1	SVOC	59-50-7	Chloro-3-methylphenol[4-]	0.35	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11249	MD21-01-01456/6/01 10:50:00 AM	QC	FD	5.5	6	FT	R	QBT3	8933R	6/7/01	7/20/01	1	SVOC	106-47-8	Chloroaniline[4-]	0.35	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11249	MD21-01-01456/6/01 10:50:00 AM	QC	FD	5.5	6	FT	R	QBT3	8933R	6/7/01	7/20/01	1	SVOC	91-58-7	Chloronaphthalene[2-]	0.35	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11249	MD21-01-01456/6/01 10:50:00 AM	QC	FD	5.5	6	FT	R	QBT3	8933R	6/7/01	7/20/01	1	SVOC	95-57-8	Chlorophenol[2-]	0.35	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11249	MD21-01-01456/6/01 10:50:00 AM	QC	FD	5.5	6	FT	R	QBT3	8933R	6/7/01	7/20/01	1	SVOC	7005-72-3	Chlorophenyl-phenyl[4-] Ether	0.35	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11249	MD21-01-01456/6/01 10:50:00 AM	QC	FD	5.5	6	FT	R	QBT3	8933R	6/7/01	7/20/01	1	SVOC	132-64-9	Dibenzofuran	0.35	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11249	MD21-01-01456/6/01 10:50:00 AM	QC	FD	5.5	6	FT	R	QBT3	8933R	6/7/01	7/20/01	1	SVOC	95-50-1	Dichlorobenzene[1,2-]	0.35	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11249	MD21-01-01456/6/01 10:50:00 AM	QC	FD	5.5	6	FT	R	QBT3	8933R	6/7/01	7/20/01	1	SVOC	541-73-1	Dichlorobenzene[1,3-]	0.35	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11249	MD21-01-01456/6/01 10:50:00 AM	QC	FD	5.5	6	FT	R	QBT3	8933R	6/7/01	7/20/01	1	SVOC	106-46-7	Dichlorobenzene[1,4-]	0.35	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11249	MD21-01-01456/6/01 10:50:00 AM	QC	FD	5.5	6	FT	R	QBT3	8933R	6/7/01	7/20/01	1	SVOC	91-94-1	Dichlorobenzidine[3,3'-]	1.7	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11249	MD21-01-01456/6/01 10:50:00 AM	QC	FD	5.5	6	FT	R	QBT3	8933R	6/7/01	7/20/01	1	SVOC	120-83-2	Dichlorophenol[2,4-]	0.35	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11249	MD21-01-01456/6/01 10:50:00 AM	QC	FD	5.5	6	FT	R	QBT3	8933R	6/7/01	7/20/01	1	SVOC	84-66-2	Diethylphthalate	0.35	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11249	MD21-01-01456/6/01 10:50:00 AM	QC	FD	5.5	6	FT	R	QBT3	8933R	6/7/01	7/20/01	1	SVOC	131-11-3	Dimethyl Phthalate	0.35	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11249	MD21-01-01456/6/01 10:50:00 AM	QC	FD	5.5	6	FT	R	QBT3	8933R	6/7/01	7/20/01	1	SVOC	105-67-9	Dimethylphenol[2,4-]	0.35	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11249	MD21-01-01456/6/01 10:50:00 AM	QC	FD	5.5	6	FT	R	QBT3	8933R	6/7/01	7/20/01	1	SVOC	84-74-2	Di-n-butylphthalate	0.35	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11249	MD21-01-01456/6/01 10:50:00 AM	QC	FD	5.5	6	FT	R	QBT3	8933R	6/7/01	7/20/01	1	SVOC	534-52-1	Dinitro-2-methylphenol[4,6-]	1.7	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11249	MD21-01-01456/6/01 10:50:00 AM	QC	FD	5.5	6	FT	R	QBT3	8933R	6/7/01	7/20/01	1	SVOC	51-28-5	Dinitrophenol[2,4-]	1.7	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11249	MD21-01-01456/6/01 10:50:00 AM	QC	FD	5.5	6	FT	R	QBT3	8933R	6/7/01	7/20/01	1	SVOC	121-14-2	Dinitrotoluene[2,4-]	0.35	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11249	MD21-01-01456/6/01 10:50:00 AM	QC	FD	5.5	6	FT	R	QBT3	8933R	6/7/01	7/20/01	1	SVOC	606-20-2	Dinitrotoluene[2,6-]	0.35	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11249	MD21-01-01456/6/01 10:50:00 AM	QC	FD	5.5	6	FT	R	QBT3	8933R	6/7/01	7/20/01	1	SVOC	117-84-0	Di-n-octylphthalate	0.35	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11249	MD21-01-01456/6/01 10:50:00 AM	QC	FD	5.5	6	FT	R	QBT3	8933R	6/7/01	7/20/01	1	SVOC	118-74-1	Hexachlorobenzene	0.35	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11249	MD21-01-01456/6/01 10:50:00 AM	QC	FD	5.5	6	FT	R	QBT3	8933R	6/7/01	7/20/01	1	SVOC	87-68-3	Hexachlorobutadiene	0.35	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11249	MD21-01-01456/6/01 10:50:00 AM	QC	FD	5.5	6	FT	R	QBT3	8933R	6/7/01	7/20/01	1	SVOC	77-47-4	Hexachlorocyclopentadiene	1.7	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11249	MD21-01-01456/6/01 10:50:00 AM	QC	FD	5.5	6	FT	R	QBT3	8933R	6/7/01	7/20/01	1	SVOC	67-72-1	Hexachloroethane	0.35	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11249	MD21-01-01456/6/01 10:50:00 AM	QC	FD	5.5	6	FT	R	QBT3	8933R	6/7/01	7/20/01	1	SVOC	193-39-5	Indeno(1,2,3-cd)pyrene	0.35	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11249	MD21-01-01456/6/01 10:50:00 AM	QC	FD	5.5	6	FT	R	QBT3	8933R	6/7/01	7/20/01	1	SVOC	78-59-1	Isophorone	0.35	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11249	MD21-01-01456/6/01 10:50:00 AM	QC	FD	5.5	6	FT	R	QBT3	8933R	6/7/01	7/20/01	1	SVOC	95-48-7	Methylphenol[2-]	0.35	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11249	MD21-01-01456/6/01 10:50:00 AM	QC	FD	5.5	6	FT	R	QBT3	8933R	6/7/01	7/20/01	1	SVOC	106-44-5	Methylphenol[4-]	0.35	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11249	MD21-01-01456/6/01 10:50:00 AM	QC	FD	5.5	6	FT	R	QBT3	8933R	6/7/01	7/20/01	1	SVOC	88-74-4	Nitroaniline[2-]	1.7	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11249	MD21-01-01456/6/01 10:50:00 AM	QC	FD	5.5	6	FT	R	QBT3	8933R	6/7/01	7/20/01	1	SVOC	99-09-2	Nitroaniline[3-]	1.7	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11249	MD21-01-01456/6/01 10:50:00 AM	QC	FD	5.5	6	FT	R	QBT3	8933R	6/7/01	7/20/01	1	SVOC	100-01-6	Nitroaniline[4-]	1.7	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11249	MD21-01-01456/6/01 10:50:00 AM	QC	FD	5.5	6	FT	R	QBT3	8933R	6/7/01	7/20/01	1	SVOC	98-95-3	Nitrobenzene	0.35	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11249	MD21-01-01456/6/01 10:50:00 AM	QC	FD	5.5	6	FT	R	QBT3	8933R	6/7/01	7/20/01	1	SVOC	88-75-5	Nitrophenol[2-]	0.35	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11249	MD21-01-01456/6/01 10:50:00 AM	QC	FD	5.5	6	FT	R	QBT3	8933R	6/7/01	7/20/01	1	SVOC	100-02-7	Nitrophenol[4-]	1.7	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11249	MD21-01-01456/6/01 10:50:00 AM	QC	FD	5.5	6	FT	R	QBT3	8933R	6/7/01	7/20/01	1	SVOC	62-75-9	Nitrosodimethylamine[N-]	0.35	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11249	MD21-01-01456/6/01 10:50:00 AM	QC	FD	5.5	6	FT	R	QBT3	8933R	6/7/01	7/20/01	1	SVOC	621-64-7	Nitroso-di-n-propylamine[N-]	0.35	MG/KG	U	U_LAB	U							Severn Trent

21-029Western Seep21-11262	MD21-01-0186/20/01 10:00:00 AM	INV	NA	0	0.4	FT	R	QBT3	9092R	6/22/01	7/22/01	1	SVOC	111-44-4	Bis(2-chloroethyl)ether	0.42	MG/KG	U	U_LAB	U						Severn Trent
21-029Western Seep21-11262	MD21-01-0186/20/01 10:00:00 AM	INV	NA	0	0.4	FT	R	QBT3	9092R	6/22/01	7/22/01	1	SVOC	117-81-7	Bis(2-ethylhexyl)phthalate	0.42	MG/KG	U	U_LAB	U						Severn Trent
21-029Western Seep21-11262	MD21-01-0186/20/01 10:00:00 AM	INV	NA	0	0.4	FT	R	QBT3	9092R	6/22/01	7/22/01	1	SVOC	101-55-3	Bromophenyl-phenylether[4-]	0.42	MG/KG	U	U_LAB	U						Severn Trent
21-029Western Seep21-11262	MD21-01-0186/20/01 10:00:00 AM	INV	NA	0	0.4	FT	R	QBT3	9092R	6/22/01	7/22/01	1	SVOC	85-68-7	Butylbenzylphthalate	0.42	MG/KG	U	U_LAB	U						Severn Trent
21-029Western Seep21-11262	MD21-01-0186/20/01 10:00:00 AM	INV	NA	0	0.4	FT	R	QBT3	9092R	6/22/01	7/22/01	1	SVOC	59-50-7	Chloro-3-methylphenol[4-]	0.42	MG/KG	U	U_LAB	U						Severn Trent
21-029Western Seep21-11262	MD21-01-0186/20/01 10:00:00 AM	INV	NA	0	0.4	FT	R	QBT3	9092R	6/22/01	7/22/01	1	SVOC	106-47-8	Chloroaniline[4-]	0.42	MG/KG	U	U_LAB	U						Severn Trent
21-029Western Seep21-11262	MD21-01-0186/20/01 10:00:00 AM	INV	NA	0	0.4	FT	R	QBT3	9092R	6/22/01	7/22/01	1	SVOC	91-58-7	Chloronaphthalene[2-]	0.42	MG/KG	U	U_LAB	U						Severn Trent
21-029Western Seep21-11262	MD21-01-0186/20/01 10:00:00 AM	INV	NA	0	0.4	FT	R	QBT3	9092R	6/22/01	7/22/01	1	SVOC	95-57-8	Chlorophenol[2-]	0.42	MG/KG	U	U_LAB	U						Severn Trent
21-029Western Seep21-11262	MD21-01-0186/20/01 10:00:00 AM	INV	NA	0	0.4	FT	R	QBT3	9092R	6/22/01	7/22/01	1	SVOC	7005-72-3	Chlorophenyl-phenyl[4-] Ether	0.42	MG/KG	U	U_LAB	U						Severn Trent
21-029Western Seep21-11262	MD21-01-0186/20/01 10:00:00 AM	INV	NA	0	0.4	FT	R	QBT3	9092R	6/22/01	7/22/01	1	SVOC	132-64-9	Dibenzofuran	0.42	MG/KG	U	U_LAB	U						Severn Trent
21-029Western Seep21-11262	MD21-01-0186/20/01 10:00:00 AM	INV	NA	0	0.4	FT	R	QBT3	9092R	6/22/01	7/22/01	1	SVOC	95-50-1	Dichlorobenzene[1,2-]	0.42	MG/KG	U	U_LAB	U						Severn Trent
21-029Western Seep21-11262	MD21-01-0186/20/01 10:00:00 AM	INV	NA	0	0.4	FT	R	QBT3	9092R	6/22/01	7/22/01	1	SVOC	541-73-1	Dichlorobenzene[1,3-]	0.42	MG/KG	U	U_LAB	U						Severn Trent
21-029Western Seep21-11262	MD21-01-0186/20/01 10:00:00 AM	INV	NA	0	0.4	FT	R	QBT3	9092R	6/22/01	7/22/01	1	SVOC	106-46-7	Dichlorobenzene[1,4-]	0.42	MG/KG	U	U_LAB	U						Severn Trent
21-029Western Seep21-11262	MD21-01-0186/20/01 10:00:00 AM	INV	NA	0	0.4	FT	R	QBT3	9092R	6/22/01	7/22/01	1	SVOC	91-94-1	Dichlorobenzidine[3,3'-]	2	MG/KG	U	U_LAB	U						Severn Trent
21-029Western Seep21-11262	MD21-01-0186/20/01 10:00:00 AM	INV	NA	0	0.4	FT	R	QBT3	9092R	6/22/01	7/22/01	1	SVOC	120-83-2	Dichlorophenol[2,4-]	0.42	MG/KG	U	U_LAB	U						Severn Trent
21-029Western Seep21-11262	MD21-01-0186/20/01 10:00:00 AM	INV	NA	0	0.4	FT	R	QBT3	9092R	6/22/01	7/22/01	1	SVOC	84-66-2	Diethylphthalate	0.42	MG/KG	U	U_LAB	U						Severn Trent
21-029Western Seep21-11262	MD21-01-0186/20/01 10:00:00 AM	INV	NA	0	0.4	FT	R	QBT3	9092R	6/22/01	7/22/01	1	SVOC	131-11-3	Dimethyl Phthalate	0.42	MG/KG	U	U_LAB	U						Severn Trent
21-029Western Seep21-11262	MD21-01-0186/20/01 10:00:00 AM	INV	NA	0	0.4	FT	R	QBT3	9092R	6/22/01	7/22/01	1	SVOC	105-67-9	Dimethylphenol[2,4-]	0.42	MG/KG	U	U_LAB	U						Severn Trent
21-029Western Seep21-11262	MD21-01-0186/20/01 10:00:00 AM	INV	NA	0	0.4	FT	R	QBT3	9092R	6/22/01	7/22/01	1	SVOC	84-74-2	Di-n-butylphthalate	0.42	MG/KG	U	U_LAB	U						Severn Trent
21-029Western Seep21-11262	MD21-01-0186/20/01 10:00:00 AM	INV	NA	0	0.4	FT	R	QBT3	9092R	6/22/01	7/22/01	1	SVOC	534-52-1	Dinitro-2-methylphenol[4,6-]	2	MG/KG	U	U_LAB	U						Severn Trent
21-029Western Seep21-11262	MD21-01-0186/20/01 10:00:00 AM	INV	NA	0	0.4	FT	R	QBT3	9092R	6/22/01	7/22/01	1	SVOC	51-28-5	Dinitrophenol[2,4-]	2	MG/KG	U	U_LAB	U						Severn Trent
21-029Western Seep21-11262	MD21-01-0186/20/01 10:00:00 AM	INV	NA	0	0.4	FT	R	QBT3	9092R	6/22/01	7/22/01	1	SVOC	121-14-2	Dinitrotoluene[2,4-]	0.42	MG/KG	U	U_LAB	U						Severn Trent
21-029Western Seep21-11262	MD21-01-0186/20/01 10:00:00 AM	INV	NA	0	0.4	FT	R	QBT3	9092R	6/22/01	7/22/01	1	SVOC	606-20-2	Dinitrotoluene[2,6-]	0.42	MG/KG	U	U_LAB	U						Severn Trent
21-029Western Seep21-11262	MD21-01-0186/20/01 10:00:00 AM	INV	NA	0	0.4	FT	R	QBT3	9092R	6/22/01	7/22/01	1	SVOC	117-84-0	Di-n-octylphthalate	0.42	MG/KG	U	U_LAB	U						Severn Trent
21-029Western Seep21-11262	MD21-01-0186/20/01 10:00:00 AM	INV	NA	0	0.4	FT	R	QBT3	9092R	6/22/01	7/22/01	1	SVOC	118-74-1	Hexachlorobenzene	0.42	MG/KG	U	U_LAB	U						Severn Trent
21-029Western Seep21-11262	MD21-01-0186/20/01 10:00:00 AM	INV	NA	0	0.4	FT	R	QBT3	9092R	6/22/01	7/22/01	1	SVOC	87-68-3	Hexachlorobutadiene	0.42	MG/KG	U	U_LAB	U						Severn Trent
21-029Western Seep21-11262	MD21-01-0186/20/01 10:00:00 AM	INV	NA	0	0.4	FT	R	QBT3	9092R	6/22/01	7/22/01	1	SVOC	77-47-4	Hexachlorocyclopentadiene	2	MG/KG	U	U_LAB	U						Severn Trent
21-029Western Seep21-11262	MD21-01-0186/20/01 10:00:00 AM	INV	NA	0	0.4	FT	R	QBT3	9092R	6/22/01	7/22/01	1	SVOC	67-72-1	Hexachloroethane	0.42	MG/KG	U	U_LAB	U						Severn Trent
21-029Western Seep21-11262	MD21-01-0186/20/01 10:00:00 AM	INV	NA	0	0.4	FT	R	QBT3	9092R	6/22/01	7/22/01	1	SVOC	193-39-5	Indeno(1,2,3-cd)pyrene	0.42	MG/KG	U	U_LAB	U						Severn Trent
21-029Western Seep21-11262	MD21-01-0186/20/01 10:00:00 AM	INV	NA	0	0.4	FT	R	QBT3	9092R	6/22/01	7/22/01	1	SVOC	78-59-1	Isophorone	0.42	MG/KG	U	U_LAB	U						Severn Trent
21-029Western Seep21-11262	MD21-01-0186/20/01 10:00:00 AM	INV	NA	0	0.4	FT	R	QBT3	9092R	6/22/01	7/22/01	1	SVOC	95-48-7	Methylphenol[2-]	0.42	MG/KG	U	U_LAB	U						Severn Trent
21-029Western Seep21-11262	MD21-01-0186/20/01 10:00:00 AM	INV	NA	0	0.4	FT	R	QBT3	9092R	6/22/01	7/22/01	1	SVOC	106-44-5	Methylphenol[4-]	0.42	MG/KG	U	U_LAB	U						Severn Trent
21-029Western Seep21-11262	MD21-01-0186/20/01 10:00:00 AM	INV	NA	0	0.4	FT	R	QBT3	9092R	6/22/01	7/22/01	1	SVOC	88-74-4	Nitroaniline[2-]	2	MG/KG	U	U_LAB	U						Severn Trent
21-029Western Seep21-11262	MD21-01-0186/20/01 10:00:00 AM	INV	NA	0	0.4	FT	R	QBT3	9092R	6/22/01	7/22/01	1	SVOC	99-09-2	Nitroaniline[3-]	2	MG/KG	U	U_LAB	U						Severn Trent
21-029Western Seep21-11262	MD21-01-0186/20/01 10:00:00 AM	INV	NA	0	0.4	FT	R	QBT3	9092R	6/22/01	7/22/01	1	SVOC	100-01-6	Nitroaniline[4-]	2	MG/KG	U	U_LAB	U						Severn Trent
21-029Western Seep21-11262	MD21-01-0186/20/01 10:00:00 AM	INV	NA	0	0.4	FT	R	QBT3	9092R	6/22/01	7/22/01	1	SVOC	98-95-3	Nitrobenzene	0.42	MG/KG	U	U_LAB	U						Severn Trent
21-029Western Seep21-11262	MD21-01-0186/20/01 10:00:00 AM	INV	NA	0	0.4	FT	R	QBT3	9092R	6/22/01	7/22/01	1	SVOC	88-75-5	Nitrophenol[2-]	0.42	MG/KG	U	U_LAB	U						Severn Trent
21-029Western Seep21-11262	MD21-01-0186/20/01 10:00:00 AM	INV	NA	0	0.4	FT	R	QBT3	9092R	6/22/01	7/22/01	1	SVOC	100-02-7	Nitrophenol[4-]	2	MG/KG	U	U_LAB	U						Severn Trent
21-029Western Seep21-11262	MD21-01-0186/20/01 10:00:00 AM	INV	NA	0	0.4	FT	R	QBT3	9092R	6/22/01	7/22/01	1	SVOC	62-75-9	Nitrosodimethylamine[N-]	0.42	MG/KG	U	U_LAB	U						Severn Trent
21-029Western Seep21-11262	MD21-01-0186/20/01 10:00:00 AM	INV	NA	0	0.4	FT	R	QBT3	9092R	6/22/01	7/22/01	1	SVOC	621-64-7	Nitroso-di-n-propylamine[N-]	0.42	MG/KG	U	U_LAB	U						Severn Trent
21-029Western Seep21-11262	MD21-01-0186/20/01 10:00:00 AM	INV	NA	0	0.4	FT	R	QBT3	9092R	6/22/01	7/22/01	1	SVOC	86-30-6	Nitrosodiphenylamine[N-]	0.42	MG/KG	U	U_LAB	U						Severn Trent
21-029Western Seep21-11262	MD21-01-0186/20/01 10:00:00 AM	INV	NA	0	0.4	FT	R	QBT3	9092R	6/22/01	7/22/01	1	SVOC	108-60-1	Oxybis(1-chloropropane)[2,2'-]	0.42	MG/KG	U	U_LAB	U						Severn Trent
21-029Western Seep21-11262	MD21-01-0186/20/01 10:00:00 AM	INV	NA	0	0.4	FT	R	QBT3	9092R	6/22/01	7/22/01	1	SVOC	87-86-5	Pentachlorophenol	2	MG/KG	U	U_LAB	U						Severn Trent
21-029Western Seep21-11262	MD21-01-0186/20/01 10:00:00 AM	INV	NA	0	0.4	FT	R	QBT3	9092R	6/22/01	7/22/01	1	SVOC	108-95-2	Phenol	0.42	MG/KG	U	U_LAB	U						Severn Trent
21-029Western Seep21-11262	MD21-01-0186/20/01 10:00:00 AM	INV	NA	0	0.4	FT	R	QBT3	9092R	6/22/01	7/22/01	1	SVOC	120-82-1	Trichlorobenzene[1,2,4-]	0.42	MG/KG	U	U_LAB	U						Severn Trent
21-029Western Seep21-11262	MD21-01-0186/20/01 10:00:00 AM	INV	NA	0	0.4	FT	R	QBT3	9092R	6/22/01	7/22/01	1	SVOC	95-95-4	Trichlorophenol[2,4,5-]	0.42	MG/KG	U	U_LAB	U						Severn Trent
21-029Western Seep21-11262	MD21-01-0186/20/01 10:00:00 AM	INV	NA	0	0.4	FT	R	QBT3	9092R	6/22/01	7/22/01	1	SVOC	88-06-2	Trichlorophenol[2,4,6-]	0.42	MG/KG	U	U_LAB	U						Severn Trent
21-029Western Seep21-11262	MD21-01-0186/20/01 10:00:00 AM	INV	NA	0	0.4	FT	R	QBT3	9093R	6/22/01	7/11/01	1	TAL_METALS	AL	Aluminum	2230	MG/KG			N	PM	I13B	PM	I14B		Severn Trent
21-029Western Seep21-11262	MD21-01-0186/20/01 10:00:00 AM	INV	NA	0	0.4	FT	R	QBT3	9093R	6/22/01	7/19/01	5	TAL_METALS	SB	Antimony	0.98	MG/KG	UJ	I3e	UN	PM	I13B	PM	I13B	UJ I3E	Severn Trent
21-029Western Seep21-11262	MD21-01-0186/20/01 10:00:00 AM	INV	NA	0	0.4	FT	R	QBT3	9093R	6/22/01	7/18/01	5	TAL_METALS	AS	Arsenic	0.014	MG/KG	U	U_LAB	U	PM	I13B	PM	I14B		Severn Trent
21-029Western Seep21-11262	MD21-01-0186/20/01 10:00:00 AM	INV	NA	0	0.4	FT	R	QBT3	9093R	6/22/01	7/18/01	5	TAL_METALS	BA	Barium	13.4	MG/KG	J	I1	B	PM	I14B	PM	I13B	J I1	Severn Trent
21-029Western Seep21-11262	MD21-01-0186/20/01 10:00:00 AM	INV	NA	0	0.4	FT	R	QBT3	9093R	6/22/01	7/18/01	5	TAL_METALS	BE	Beryllium	0.45	MG/KG	J	I1	B	PM	I14B	PM	I13B	J I1	Severn Trent
21-029Western Seep21-11262	MD21-01-0186/20/01 10:00:00 AM	INV	NA	0	0.4	FT	R	QBT3	9093R	6/22/01	7/18/01	5	TAL_METALS	CD	Cadmium	0.078	MG/KG	U	U_LAB	U	PM	I14B	PM	I13B		Severn Trent
21-029Western Seep21-11262	MD21-01-0186/20/01 10:00:00 AM	INV	NA	0	0.4	FT	R	QBT3	9093R	6/22/01	7/11/01	1	TAL_METALS	CA	Calcium	224	MG/KG	J	I1	B	PM	I13B	J	I1	PM I14B	Severn Trent
21-029Western Seep21-11262	MD21-01-0186/20/01 10:00:00 AM	INV	NA	0	0.4	FT	R	QBT3	9093R	6/22/01	7/18/01	5	TAL_METALS	CR	Chromium, Total	1.5	MG/KG	U	I4		PM	I14B	PM	I13B	U I4	Severn Trent
21-029Western Seep21-11262	MD21-01-0186/20/01 10:00:00 AM	INV	NA	0	0.4	FT	R	QBT3	9093R	6/22/01	7/18/01	5	TAL_METALS	CO	Cobalt	0.33	MG/KG	J	I1	BE	PM	I14B	PM	I13B		Severn Trent
21-029Western Seep21-11262	MD21-01-0186/20/01 10:00:00 AM	INV	NA	0	0.4	FT	R	QBT3	9093R	6/22/01	7/18/01	5	TAL_METALS	CU	Copper	2.8	MG/KG	J	I1	B	PM	I13B	PM	I13B	J I1	Severn Trent
21-029Western Seep21-11262	MD21-01-0186/20/01 10:00:00 AM	INV	NA	0	0.4	FT	R	QBT3	9093R	6/22/01	7/11/01	1	TAL_METALS	FE	Iron	4080	MG/KG			N	PM	I13B	PM	I14B		Severn Trent
21-029Western Seep21-11262	MD21-01-0186/20/01 10:00:00 AM	INV	NA	0	0.4	FT	R	QBT3	9093R	6/22/01	7/11/01	1	TAL_METALS	MG	Magnesium	70.1	MG/KG	U	I5	B	PM	I13B	U	I5	PM I14B	Severn Trent
21-029Western Seep21-11262	MD21-01-0186/20/01 10:00:00 AM	INV	NA	0	0.4	FT	R	QBT3	9093R	6/22/01	7/18/01	5	TAL_METALS	MN	Manganese	87.5	MG/KG			NE	PM	I14B	PM	I13B		Severn Trent
21-029Western Seep21-11262	MD21-01-0186/20/01 10:00:00 AM	INV	NA	0	0.4	FT	R	QBT3	9093R	6/22/01	7/12/01	1	TAL_METALS	HG	Mercury	0.0021	MG/KG	U	U_LAB	U						Severn Trent
21-029Western Seep21-11262	MD21-01-0186/20/01 10:00:00 AM	INV	NA	0	0.4	FT	R	QBT3	9093R	6/22/01	7/18/01	5	TAL_METALS	NI	Nickel	1.2	MG/KG	J	I1	B	PM	I14B	PM	I13B	J I1	Severn Trent
21-029Western Seep21-11262	MD21-01-0186/20/01 10:00:00 AM	INV	NA	0	0.4	FT	R	QBT3	9093R	6/22/01	7/11/01	1	TAL_METALS	K	Potassium	534	MG/KG	J	I1	B	PM	I13B	J	I1	PM I14B	Severn Trent
21-029Western Seep21-11262	MD21-01-0186/20/01 10:00:00 AM	INV	NA	0	0.4	FT	R	QBT3	9093R	6/22/01	7/19/01	5	TAL_METALS	SE	Selenium	0.32	MG/KG	J	I1	B	PM	I14B	PM	I13B	J I1	Severn Trent
21-029Western Seep21-11262	MD21-01-0186/20/01 10:00:00 AM	INV	NA	0	0.4	FT	R	QBT3	9093R	6/22/01	7/18/01	5	TAL_METALS	AG	Silver	0.039	MG/KG	U	U_LAB	U	PM	I14B	PM	I13B		Severn Trent
21-029Western Seep21-11262	MD21-01-0186/20/01 10:00:00 AM	INV	NA	0	0.4	FT	R	QBT3	9093R	6/22/01	7/11/01	1	TAL_METALS	NA	Sodium	91.9	MG/KG	U	I5	B	PM	I13B	U	I5	PM I14B	Severn Trent
21-029Western Seep21-11262	MD21-01-0186/20/01 10:00:00 AM	INV	NA	0	0.4	FT	R	QBT3	9093R	6/22/01	7/19/01	5	TAL_METALS	TL	Thallium	0.014	MG/KG	U	U_LAB	U	PM	I14B	PM	I13B		Severn Trent
21-029Western Seep21-11262	MD21-01-0186/20/01 10:00:00 AM	INV	NA	0	0.4	FT	R	QBT3	9093R	6/22/01	7/18/01	5	TAL_METALS	V	Vanadium	0.91	MG/KG	J	I1	B	PM	I14B	PM	I13B	J I1	Severn Trent
21-029Western Seep21-11262	MD21-01-0186/20/01 10:00:00 AM	INV	NA	0	0.4	FT	R	QBT3	9093R	6/22/01	7/11/01	1	TAL_METALS	ZN	Zinc	33.5	MG/KG				PM	I13B	PM	I14B		Severn Trent
21-029Western Seep21-11262	MD21-01-0186/20/01 10:00:00 AM	INV	NA	0	0.4	FT	R	QBT3	9092R	6/22/01	7/1/01	0.95	VOC	108-90-7	Chlorobenzene	0.0061	MG/KG	U	U_LAB	U						Severn Trent
21-029Western Seep21-11262	MD21-01-0186/20/01 10:00:00 AM	INV	NA	0	0.4	FT	R	QBT3	9092R	6/22/01	7/1/01	0.95	VOC	106-46-7	Dichlorobenzene[1,4-]	0.0061	MG/KG	U	U_LAB	U						Severn Trent
21-029Western Seep21-11262	MD21-01-0186/20/01 10:00:00 AM	INV	NA	0	0.4	FT	R	QBT3	9092R	6/22/01	7/1/01	0.95	VOC	75-35-4	Dichloroethene[1,1-]	0.0061	MG/KG	U	U_LAB	U						Severn Trent
21-029Western Seep21-11262	MD21-01-0186/20/01 10:00:00 AM	INV	NA	0	0.4	FT	R	QBT3	9092R	6/22/01	7/1/01	0.95	VOC	79-01-6	Trichloroethene	0.0061	MG/KG	U	U_LAB	U						Severn Trent
21-029Western Seep21-11262	MD21-01-0186/20/01 10:00:00 AM	INV	NA	0	0.4	FT	R	QBT3	9092R	6/22/01	7/1/01	0.95	VOC	95-63-6	Trimethylbenzene[1,2,4-]	0.0061	MG/KG	UJ	V1a	U	UJ	V1A				Severn Trent
21-029Western Seep21-11262	MD21-01-0186/20/01 10:00:00 AM	INV	NA	0	0.4	FT	R	QBT3	9092R	6/22/01	7/1/01	0.95	VOC	108-67-8	Trimethylbenzene[1,3,5-]	0.0061	MG/KG	UJ	V1a	U	UJ	V1A				Severn Trent
21-029Western Seep21-11262	MD21-01-0187/6/20/01 10:10:00 AM	QC	FD	0.5	1.2	FT	R	QBT3	9092R	6/22/01	7/22/01	20	SVOC	208-96-8	Acenaphthylene	8.1	MG/KG	U	U_LAB	U						Severn Trent
21-029Western Seep21-11262	MD21-01-0187/6/20/01 10:10:00 AM	QC	FD	0.5	1.2	FT	R	QBT3	9092R	6/22/01	7/22/01	20	SVOC	62-53-3	Aniline	8.1	MG/KG	U	U_LAB	U						Severn Trent
21-029Western Seep21-11262	MD21-01-0187/6/20/01 10:10:00 AM	QC	FD	0.5	1.2	FT	R	QBT3	9092R	6/22/01	7/22/01	20	SVOC	103-33-3	Azobenzene	8.1	MG/KG	U	U_LAB	U						Severn Trent
21-029Western Seep21-11262	MD21-01-0187/6/20/01 10:10:00 AM	QC	FD	0.5	1.2	FT	R	QBT3	9092R	6/22/01	7/22/01	20	SVOC	191-24-2	Benzo(g,h,i)perylene	8.1	MG/KG	U	U_LAB	U						Severn Trent
21-029Western Seep21-11262	MD21-01-0187/6/20/01 10:10:00 AM	QC	FD	0.5	1.2	FT	R	QBT3	9092R	6/22/01	7/22/01	20	SVOC	65-85-0	Benzoic Acid	39	MG/KG	U	U_LAB	U						Severn Trent
21-029Western Seep21-11262	MD21-01-0187/6/20/01 10:10:00 AM	QC	FD	0.5	1.2	FT	R	QBT3	9092R	6/22/01	7/22/01	20	SVOC	100-51-6	Benzyl Alcohol	8.1	MG/KG	U	U_LAB	U						Severn Trent
21-029Western Seep21-11262	MD21-01-0187/6/20/01 10:10:00 AM	QC	FD	0.5	1.2	FT	R	QBT3	9092R	6/22/01	7/22/01	20	SVOC	111-91-1	Bis(2-chloroethoxy)methane	8.1	MG/KG	U	U_LAB	U						Severn Trent
21-029Western Seep21-11262	MD21-01-0187/6/20/01 10:10:00 AM	QC	FD	0.5	1.2	FT	R	QBT3	9092R	6/22/01	7/22/01	20	SVOC	111-44-4	Bis(2-chloroethyl)ether	8.1	MG/KG	U	U_LAB	U						Severn Trent





21-029Western Seep21-11263	MD21-01-020#6/22/01 12:50:00 PM INV	NA	19.9	20.6	FT	R	QBT3	9164R	6/27/01	7/30/01	1	SVOC	65-85-0	Benzoic Acid	1.8	MG/KG	U	U_LAB	U	Severn Trent
21-029Western Seep21-11263	MD21-01-020#6/22/01 12:50:00 PM INV	NA	19.9	20.6	FT	R	QBT3	9164R	6/27/01	7/30/01	1	SVOC	100-51-6	Benzyl Alcohol	0.36	MG/KG	U	U_LAB	U	Severn Trent
21-029Western Seep21-11263	MD21-01-020#6/22/01 12:50:00 PM INV	NA	19.9	20.6	FT	R	QBT3	9164R	6/27/01	7/30/01	1	SVOC	111-91-1	Bis(2-chloroethoxy)methane	0.36	MG/KG	U	U_LAB	U	Severn Trent
21-029Western Seep21-11263	MD21-01-020#6/22/01 12:50:00 PM INV	NA	19.9	20.6	FT	R	QBT3	9164R	6/27/01	7/30/01	1	SVOC	111-44-4	Bis(2-chloroethyl)ether	0.36	MG/KG	U	U_LAB	U	Severn Trent
21-029Western Seep21-11263	MD21-01-020#6/22/01 12:50:00 PM INV	NA	19.9	20.6	FT	R	QBT3	9164R	6/27/01	7/30/01	1	SVOC	117-81-7	Bis(2-ethylhexyl)phthalate	0.36	MG/KG	U	U_LAB	U	Severn Trent
21-029Western Seep21-11263	MD21-01-020#6/22/01 12:50:00 PM INV	NA	19.9	20.6	FT	R	QBT3	9164R	6/27/01	7/30/01	1	SVOC	101-55-3	Bromophenyl-phenylether[4-]	0.36	MG/KG	U	U_LAB	U	Severn Trent
21-029Western Seep21-11263	MD21-01-020#6/22/01 12:50:00 PM INV	NA	19.9	20.6	FT	R	QBT3	9164R	6/27/01	7/30/01	1	SVOC	85-68-7	Butylbenzylphthalate	0.36	MG/KG	U	U_LAB	U	Severn Trent
21-029Western Seep21-11263	MD21-01-020#6/22/01 12:50:00 PM INV	NA	19.9	20.6	FT	R	QBT3	9164R	6/27/01	7/30/01	1	SVOC	59-50-7	Chloro-3-methylphenol[4-]	0.36	MG/KG	U	U_LAB	U	Severn Trent
21-029Western Seep21-11263	MD21-01-020#6/22/01 12:50:00 PM INV	NA	19.9	20.6	FT	R	QBT3	9164R	6/27/01	7/30/01	1	SVOC	106-47-8	Chloroaniline[4-]	0.36	MG/KG	U	U_LAB	U	Severn Trent
21-029Western Seep21-11263	MD21-01-020#6/22/01 12:50:00 PM INV	NA	19.9	20.6	FT	R	QBT3	9164R	6/27/01	7/30/01	1	SVOC	91-58-7	Chloronaphthalene[2-]	0.36	MG/KG	U	U_LAB	U	Severn Trent
21-029Western Seep21-11263	MD21-01-020#6/22/01 12:50:00 PM INV	NA	19.9	20.6	FT	R	QBT3	9164R	6/27/01	7/30/01	1	SVOC	95-57-8	Chlorophenol[2-]	0.36	MG/KG	U	U_LAB	U	Severn Trent
21-029Western Seep21-11263	MD21-01-020#6/22/01 12:50:00 PM INV	NA	19.9	20.6	FT	R	QBT3	9164R	6/27/01	7/30/01	1	SVOC	7005-72-3	Chlorophenyl-phenyl[4-] Ether	0.36	MG/KG	U	U_LAB	U	Severn Trent
21-029Western Seep21-11263	MD21-01-020#6/22/01 12:50:00 PM INV	NA	19.9	20.6	FT	R	QBT3	9164R	6/27/01	7/30/01	1	SVOC	132-64-9	Dibenzofuran	0.36	MG/KG	U	U_LAB	U	Severn Trent
21-029Western Seep21-11263	MD21-01-020#6/22/01 12:50:00 PM INV	NA	19.9	20.6	FT	R	QBT3	9164R	6/27/01	7/30/01	1	SVOC	95-50-1	Dichlorobenzene[1,2-]	0.36	MG/KG	U	U_LAB	U	Severn Trent
21-029Western Seep21-11263	MD21-01-020#6/22/01 12:50:00 PM INV	NA	19.9	20.6	FT	R	QBT3	9164R	6/27/01	7/30/01	1	SVOC	541-73-1	Dichlorobenzene[1,3-]	0.36	MG/KG	U	U_LAB	U	Severn Trent
21-029Western Seep21-11263	MD21-01-020#6/22/01 12:50:00 PM INV	NA	19.9	20.6	FT	R	QBT3	9164R	6/27/01	7/30/01	1	SVOC	106-46-7	Dichlorobenzene[1,4-]	0.36	MG/KG	U	U_LAB	U	Severn Trent
21-029Western Seep21-11263	MD21-01-020#6/22/01 12:50:00 PM INV	NA	19.9	20.6	FT	R	QBT3	9164R	6/27/01	7/30/01	1	SVOC	91-94-1	Dichlorobenzidine[3,3'-]	1.8	MG/KG	U	U_LAB	U	Severn Trent
21-029Western Seep21-11263	MD21-01-020#6/22/01 12:50:00 PM INV	NA	19.9	20.6	FT	R	QBT3	9164R	6/27/01	7/30/01	1	SVOC	120-83-2	Dichlorophenol[2,4-]	0.36	MG/KG	U	U_LAB	U	Severn Trent
21-029Western Seep21-11263	MD21-01-020#6/22/01 12:50:00 PM INV	NA	19.9	20.6	FT	R	QBT3	9164R	6/27/01	7/30/01	1	SVOC	84-66-2	Diethylphthalate	0.36	MG/KG	U	U_LAB	U	Severn Trent
21-029Western Seep21-11263	MD21-01-020#6/22/01 12:50:00 PM INV	NA	19.9	20.6	FT	R	QBT3	9164R	6/27/01	7/30/01	1	SVOC	131-11-3	Dimethyl Phthalate	0.36	MG/KG	U	U_LAB	U	Severn Trent
21-029Western Seep21-11263	MD21-01-020#6/22/01 12:50:00 PM INV	NA	19.9	20.6	FT	R	QBT3	9164R	6/27/01	7/30/01	1	SVOC	105-67-9	Dimethylphenol[2,4-]	0.36	MG/KG	U	U_LAB	U	Severn Trent
21-029Western Seep21-11263	MD21-01-020#6/22/01 12:50:00 PM INV	NA	19.9	20.6	FT	R	QBT3	9164R	6/27/01	7/30/01	1	SVOC	84-74-2	Di-n-butylphthalate	0.36	MG/KG	U	U_LAB	U	Severn Trent
21-029Western Seep21-11263	MD21-01-020#6/22/01 12:50:00 PM INV	NA	19.9	20.6	FT	R	QBT3	9164R	6/27/01	7/30/01	1	SVOC	534-52-1	Dinitro-2-methylphenol[4,6-]	1.8	MG/KG	U	U_LAB	U	Severn Trent
21-029Western Seep21-11263	MD21-01-020#6/22/01 12:50:00 PM INV	NA	19.9	20.6	FT	R	QBT3	9164R	6/27/01	7/30/01	1	SVOC	51-28-5	Dinitrophenol[2,4-]	1.8	MG/KG	U	U_LAB	U	Severn Trent
21-029Western Seep21-11263	MD21-01-020#6/22/01 12:50:00 PM INV	NA	19.9	20.6	FT	R	QBT3	9164R	6/27/01	7/30/01	1	SVOC	121-14-2	Dinitrotoluene[2,4-]	0.36	MG/KG	U	U_LAB	U	Severn Trent
21-029Western Seep21-11263	MD21-01-020#6/22/01 12:50:00 PM INV	NA	19.9	20.6	FT	R	QBT3	9164R	6/27/01	7/30/01	1	SVOC	606-20-2	Dinitrotoluene[2,6-]	0.36	MG/KG	U	U_LAB	U	Severn Trent
21-029Western Seep21-11263	MD21-01-020#6/22/01 12:50:00 PM INV	NA	19.9	20.6	FT	R	QBT3	9164R	6/27/01	7/30/01	1	SVOC	117-84-0	Di-n-octylphthalate	0.36	MG/KG	U	U_LAB	U	Severn Trent
21-029Western Seep21-11263	MD21-01-020#6/22/01 12:50:00 PM INV	NA	19.9	20.6	FT	R	QBT3	9164R	6/27/01	7/30/01	1	SVOC	118-74-1	Hexachlorobenzene	0.36	MG/KG	U	U_LAB	U	Severn Trent
21-029Western Seep21-11263	MD21-01-020#6/22/01 12:50:00 PM INV	NA	19.9	20.6	FT	R	QBT3	9164R	6/27/01	7/30/01	1	SVOC	87-68-3	Hexachlorobutadiene	0.36	MG/KG	U	U_LAB	U	Severn Trent
21-029Western Seep21-11263	MD21-01-020#6/22/01 12:50:00 PM INV	NA	19.9	20.6	FT	R	QBT3	9164R	6/27/01	7/30/01	1	SVOC	77-47-4	Hexachlorocyclopentadiene	1.8	MG/KG	U	U_LAB	U	Severn Trent
21-029Western Seep21-11263	MD21-01-020#6/22/01 12:50:00 PM INV	NA	19.9	20.6	FT	R	QBT3	9164R	6/27/01	7/30/01	1	SVOC	67-72-1	Hexachloroethane	0.36	MG/KG	U	U_LAB	U	Severn Trent
21-029Western Seep21-11263	MD21-01-020#6/22/01 12:50:00 PM INV	NA	19.9	20.6	FT	R	QBT3	9164R	6/27/01	7/30/01	1	SVOC	193-39-5	Indeno(1,2,3-cd)pyrene	0.36	MG/KG	U	U_LAB	U	Severn Trent
21-029Western Seep21-11263	MD21-01-020#6/22/01 12:50:00 PM INV	NA	19.9	20.6	FT	R	QBT3	9164R	6/27/01	7/30/01	1	SVOC	78-59-1	Isophorone	0.36	MG/KG	U	U_LAB	U	Severn Trent
21-029Western Seep21-11263	MD21-01-020#6/22/01 12:50:00 PM INV	NA	19.9	20.6	FT	R	QBT3	9164R	6/27/01	7/30/01	1	SVOC	95-48-7	Methylphenol[2-]	0.36	MG/KG	U	U_LAB	U	Severn Trent
21-029Western Seep21-11263	MD21-01-020#6/22/01 12:50:00 PM INV	NA	19.9	20.6	FT	R	QBT3	9164R	6/27/01	7/30/01	1	SVOC	106-44-5	Methylphenol[4-]	0.36	MG/KG	U	U_LAB	U	Severn Trent
21-029Western Seep21-11263	MD21-01-020#6/22/01 12:50:00 PM INV	NA	19.9	20.6	FT	R	QBT3	9164R	6/27/01	7/30/01	1	SVOC	88-74-4	Nitroaniline[2-]	1.8	MG/KG	U	U_LAB	U	Severn Trent
21-029Western Seep21-11263	MD21-01-020#6/22/01 12:50:00 PM INV	NA	19.9	20.6	FT	R	QBT3	9164R	6/27/01	7/30/01	1	SVOC	99-09-2	Nitroaniline[3-]	1.8	MG/KG	U	U_LAB	U	Severn Trent
21-029Western Seep21-11263	MD21-01-020#6/22/01 12:50:00 PM INV	NA	19.9	20.6	FT	R	QBT3	9164R	6/27/01	7/30/01	1	SVOC	100-01-6	Nitroaniline[4-]	1.8	MG/KG	U	U_LAB	U	Severn Trent
21-029Western Seep21-11263	MD21-01-020#6/22/01 12:50:00 PM INV	NA	19.9	20.6	FT	R	QBT3	9164R	6/27/01	7/30/01	1	SVOC	98-95-3	Nitrobenzene	0.36	MG/KG	U	U_LAB	U	Severn Trent

21-029Western Seep21-11266	MD21-01-0206/25/01 11:10:00 AM	INV	NA	0	0.5	FT	SED	SED	9167R	7/2/01	8/2/01	1	SVOC	67-72-1	Hexachloroethane	0.43	MG/KG	U	U_LAB	U						
21-029Western Seep21-11266	MD21-01-0206/25/01 11:10:00 AM	INV	NA	0	0.5	FT	SED	SED	9167R	7/2/01	8/2/01	1	SVOC	193-39-5	Indeno(1,2,3-cd)pyrene	0.43	MG/KG	U	U_LAB	U						
21-029Western Seep21-11266	MD21-01-0206/25/01 11:10:00 AM	INV	NA	0	0.5	FT	SED	SED	9167R	7/2/01	8/2/01	1	SVOC	78-59-1	Isophorone	0.43	MG/KG	U	U_LAB	U						
21-029Western Seep21-11266	MD21-01-0206/25/01 11:10:00 AM	INV	NA	0	0.5	FT	SED	SED	9167R	7/2/01	8/2/01	1	SVOC	95-48-7	Methylphenol[2-]	0.43	MG/KG	U	U_LAB	U						
21-029Western Seep21-11266	MD21-01-0206/25/01 11:10:00 AM	INV	NA	0	0.5	FT	SED	SED	9167R	7/2/01	8/2/01	1	SVOC	106-44-5	Methylphenol[4-]	0.43	MG/KG	U	U_LAB	U						
21-029Western Seep21-11266	MD21-01-0206/25/01 11:10:00 AM	INV	NA	0	0.5	FT	SED	SED	9167R	7/2/01	8/2/01	1	SVOC	88-74-4	Nitroaniline[2-]	2.1	MG/KG	U	U_LAB	U						
21-029Western Seep21-11266	MD21-01-0206/25/01 11:10:00 AM	INV	NA	0	0.5	FT	SED	SED	9167R	7/2/01	8/2/01	1	SVOC	99-09-2	Nitroaniline[3-]	2.1	MG/KG	U	U_LAB	U						
21-029Western Seep21-11266	MD21-01-0206/25/01 11:10:00 AM	INV	NA	0	0.5	FT	SED	SED	9167R	7/2/01	8/2/01	1	SVOC	100-01-6	Nitroaniline[4-]	2.1	MG/KG	U	U_LAB	U						
21-029Western Seep21-11266	MD21-01-0206/25/01 11:10:00 AM	INV	NA	0	0.5	FT	SED	SED	9167R	7/2/01	8/2/01	1	SVOC	98-95-3	Nitrobenzene	0.43	MG/KG	U	U_LAB	U						
21-029Western Seep21-11266	MD21-01-0206/25/01 11:10:00 AM	INV	NA	0	0.5	FT	SED	SED	9167R	7/2/01	8/2/01	1	SVOC	88-75-5	Nitrophenol[2-]	0.43	MG/KG	U	U_LAB	U						
21-029Western Seep21-11266	MD21-01-0206/25/01 11:10:00 AM	INV	NA	0	0.5	FT	SED	SED	9167R	7/2/01	8/2/01	1	SVOC	100-02-7	Nitrophenol[4-]	2.1	MG/KG	U	U_LAB	U						
21-029Western Seep21-11266	MD21-01-0206/25/01 11:10:00 AM	INV	NA	0	0.5	FT	SED	SED	9167R	7/2/01	8/2/01	1	SVOC	62-75-9	Nitrosodimethylamine[N-]	0.43	MG/KG	U	U_LAB	U						
21-029Western Seep21-11266	MD21-01-0206/25/01 11:10:00 AM	INV	NA	0	0.5	FT	SED	SED	9167R	7/2/01	8/2/01	1	SVOC	621-64-7	Nitroso-di-n-propylamine[N-]	0.43	MG/KG	U	U_LAB	U						
21-029Western Seep21-11266	MD21-01-0206/25/01 11:10:00 AM	INV	NA	0	0.5	FT	SED	SED	9167R	7/2/01	8/2/01	1	SVOC	86-30-6	Nitrosodiphenylamine[N-]	0.43	MG/KG	U	U_LAB	U						
21-029Western Seep21-11266	MD21-01-0206/25/01 11:10:00 AM	INV	NA	0	0.5	FT	SED	SED	9167R	7/2/01	8/2/01	1	SVOC	108-60-1	Oxybis(1-chloropropane)[2,2'-]	0.43	MG/KG	U	U_LAB	U						
21-029Western Seep21-11266	MD21-01-0206/25/01 11:10:00 AM	INV	NA	0	0.5	FT	SED	SED	9167R	7/2/01	8/2/01	1	SVOC	87-86-5	Pentachlorophenol	2.1	MG/KG	U	U_LAB	U						
21-029Western Seep21-11266	MD21-01-0206/25/01 11:10:00 AM	INV	NA	0	0.5	FT	SED	SED	9167R	7/2/01	8/2/01	1	SVOC	108-95-2	Phenol	0.43	MG/KG	U	U_LAB	U						
21-029Western Seep21-11266	MD21-01-0206/25/01 11:10:00 AM	INV	NA	0	0.5	FT	SED	SED	9167R	7/2/01	8/2/01	1	SVOC	120-82-1	Trichlorobenzene[1,2,4-]	0.43	MG/KG	U	U_LAB	U						
21-029Western Seep21-11266	MD21-01-0206/25/01 11:10:00 AM	INV	NA	0	0.5	FT	SED	SED	9167R	7/2/01	8/2/01	1	SVOC	95-95-4	Trichlorophenol[2,4,5-]	0.43	MG/KG	U	U_LAB	U						
21-029Western Seep21-11266	MD21-01-0206/25/01 11:10:00 AM	INV	NA	0	0.5	FT	SED	SED	9167R	7/2/01	8/2/01	1	SVOC	88-06-2	Trichlorophenol[2,4,6-]	0.43	MG/KG	U	U_LAB	U						
21-029Western Seep21-11266	MD21-01-0206/25/01 11:10:00 AM	INV	NA	0	0.5	FT	SED	SED	9168R	7/2/01	7/13/01	1	TAL_METALS	AL	Aluminum	15200	MG/KG			N	PM	I13B	PM	I14B		
21-029Western Seep21-11266	MD21-01-0206/25/01 11:10:00 AM	INV	NA	0	0.5	FT	SED	SED	9168R	7/2/01	7/13/01	1	TAL_METALS	SB	Antimony	1	MG/KG	UJ	I3e	UN	PM	I13B	PM	I14B	UJ	I3E
21-029Western Seep21-11266	MD21-01-0206/25/01 11:10:00 AM	INV	NA	0	0.5	FT	SED	SED	9168R	7/2/01	8/2/01	1	TAL_METALS	AS	Arsenic	1.3	MG/KG	J	I1	B	PM	I13B	J	I1	PM	I14B
21-029Western Seep21-11266	MD21-01-0206/25/01 11:10:00 AM	INV	NA	0	0.5	FT	SED	SED	9168R	7/2/01	7/13/01	1	TAL_METALS	BA	Barium	106	MG/KG				PM	I13B	PM	I14B		
21-029Western Seep21-11266	MD21-01-0206/25/01 11:10:00 AM	INV	NA	0	0.5	FT	SED	SED	9168R	7/2/01	7/13/01	1	TAL_METALS	BE	Beryllium	1.6	MG/KG				PM	I13B	PM	I14B		
21-029Western Seep21-11266	MD21-01-0206/25/01 11:10:00 AM	INV	NA	0	0.5	FT	SED	SED	9168R	7/2/01	7/13/01	1	TAL_METALS	CD	Cadmium	0.081	MG/KG	U	U_LAB	U	PM	I14B	PM	I13B		
21-029Western Seep21-11266	MD21-01-0206/25/01 11:10:00 AM	INV	NA	0	0.5	FT	SED	SED	9168R	7/2/01	7/13/01	1	TAL_METALS	CA	Calcium	3070	MG/KG				PM	I13B	PM	I14B		
21-029Western Seep21-11266	MD21-01-0206/25/01 11:10:00 AM	INV	NA	0	0.5	FT	SED	SED	9168R	7/2/01	7/13/01	1	TAL_METALS	CR	Chromium, Total	10.2	MG/KG				PM	I13B	PM	I14B		
21-029Western Seep21-11266	MD21-01-0206/25/01 11:10:00 AM	INV	NA	0	0.5	FT	SED	SED	9168R	7/2/01	7/13/01	1	TAL_METALS	CO	Cobalt	2.5	MG/KG	J	I1	B	PM	I13B	J	I1	PM	I14B
21-029Western Seep21-11266	MD21-01-0206/25/01 11:10:00 AM	INV	NA	0	0.5	FT	SED	SED	9168R	7/2/01	7/13/01	1	TAL_METALS	CU	Copper	8.8	MG/KG			*	PM	I13B	PM	I14B		
21-029Western Seep21-11266	MD21-01-0206/25/01 11:10:00 AM	INV	NA	0	0.5	FT	SED	SED	9168R	7/2/01	7/13/01	1	TAL_METALS	FE	Iron	13600	MG/KG			N	PM	I13B	PM	I14B		
21-029Western Seep21-11266	MD21-01-0206/25/01 11:10:00 AM	INV	NA	0	0.5	FT	SED	SED	9168R	7/2/01	7/13/01	1	TAL_METALS	MG	Magnesium	1630	MG/KG				PM	I13B	PM	I14B		
21-029Western Seep21-11266	MD21-01-0206/25/01 11:10:00 AM	INV	NA	0	0.5	FT	SED	SED	9168R	7/2/01	7/13/01	1	TAL_METALS	MN	Manganese	364	MG/KG	J+	I3h	N	PM	I13B	J+	I3H	PM	I14B
21-029Western Seep21-11266	MD21-01-0206/25/01 11:10:00 AM	INV	NA	0	0.5	FT	SED	SED	9168R	7/2/01	7/17/01	1	TAL_METALS	HG	Mercury	0.043	MG/KG	J+	I3	N	J+	I3				
21-029Western Seep21-11266	MD21-01-0206/25/01 11:10:00 AM	INV	NA	0	0.5	FT	SED	SED	9168R	7/2/01	7/13/01	1	TAL_METALS	NI	Nickel	8.1	MG/KG				PM	I13B	PM	I14B		
21-029Western Seep21-11266	MD21-01-0206/25/01 11:10:00 AM	INV	NA	0	0.5	FT	SED	SED	9168R	7/2/01	7/13/01	1	TAL_METALS	K	Potassium	1340	MG/KG				PM	I13B	PM	I14B		
21-029Western Seep21-11266	MD21-01-0206/25/01 11:10:00 AM	INV	NA	0	0.5	FT	SED	SED	9168R	7/2/01	8/2/01	1	TAL_METALS	SE	Selenium	0.26	MG/KG	U	U_LAB	U	PM	I13B	PM	I14B		
21-029Western Seep21-11266	MD21-01-0206/25/01 11:10:00 AM	INV	NA	0	0.5	FT	SED	SED	9168R	7/2/01	7/13/01	1	TAL_METALS	AG	Silver	0.22	MG/KG	J	I1	B	PM	I14B	PM	I13B	J	I1
21-029Western Seep21-11266	MD21-01-0206/25/01 11:10:00 AM	INV	NA	0	0.5	FT	SED	SED	9168R	7/2/01	7/13/01	1	TAL_METALS	NA	Sodium	195	MG/KG	J	I1	B	PM	I13B	J	I1	PM	I14B
21-029Western Seep21-11266	MD21-01-0206/25/01 11:10:00 AM	INV	NA	0	0.5	FT	SED	SED	9168R	7/2/01	8/2/01	1	TAL_METALS	TL	Thallium	0.12	MG/KG	U	U_LAB	U	PM	I13B	U	I5	PM	I14B
21-029Western Seep21-11266	MD21-01-0206/25/01 11:10:00 AM	INV	NA	0	0.5	FT	SED	SED	9168R	7/2/01	7/13/01	1	TAL_METALS	V	Vanadium	12.8	MG/KG				PM	I13B	PM	I14B		
21-029Western Seep21-11266	MD21-01-0206/25/01 11:10:00 AM	INV	NA	0	0.5	FT	SED	SED	9168R	7/2/01	7/13/01	1	TAL_METALS	ZN	Zinc	52.7	MG/KG				PM	I13B	PM	I14B		
21-029Western Seep21-11266	MD21-01-0206/25/01 11:10:00 AM	INV	NA	0	0.5	FT	SED	SED	9167R	7/2/01	7/6/01	0.92	VOC	95-63-6	Trimethylbenzene[1,2,4-]	0.0076	MG/KG									
21-029Western Seep21-11266	MD21-01-0206/25/01 11:10:00 AM	INV	NA	0	0.5	FT	SED	SED	9167R	7/2/01	7/6/01	0.92	VOC	108-67-8	Trimethylbenzene[1,3,5-]	0.0059	MG/KG	U	U_LAB	U						
21-029Western Seep21-11266	MD21-01-0206/25/01 11:35:00 AM	QC	FD	1.5	2.5	FT	R	QBT3	9167R	7/2/01	8/2/01	1	SVOC	208-96-8	Acenaphthylene	0.36	MG/KG	U	U_LAB	U						
21-029Western Seep21-11266	MD21-01-0206/25/01 11:35:00 AM	QC	FD	1.5	2.5	FT	R	QBT3	9167R	7/2/01	8/2/01	1	SVOC	62-53-3	Aniline	0.36	MG/KG	U	U_LAB	U						
21-029Western Seep21-11266	MD21-01-0206/25/01 11:35:00 AM	QC	FD	1.5	2.5	FT	R	QBT3	9167R	7/2/01	8/2/01	1	SVOC	103-33-3	Azobenzene	0.36	MG/KG	U	U_LAB	U						
21-029Western Seep21-11266	MD21-01-0206/25/01 11:35:00 AM	QC	FD	1.5	2.5	FT	R	QBT3	9167R	7/2/01	8/2/01	1	SVOC	191-24-2	Benzo(g,h,i)perylene	0.36	MG/KG	U	U_LAB	U						
21-029Western Seep21-11266	MD21-01-0206/25/01 11:35:00 AM	QC	FD	1.5	2.5	FT	R	QBT3	9167R	7/2/01	8/2/01	1	SVOC	65-85-0	Benzoic Acid	1.7	MG/KG	U	U_LAB	U						
21-029Western Seep21-11266	MD21-01-0206/25/01 11:35:00 AM	QC	FD	1.5	2.5	FT	R	QBT3	9167R	7/2/01	8/2/01	1	SVOC	100-51-6	Benzyl Alcohol	0.36	MG/KG	U	U_LAB	U						
21-029Western Seep21-11266	MD21-01-0206/25/01 11:35:00 AM	QC	FD	1.5	2.5	FT	R	QBT3	9167R	7/2/01	8/2/01	1	SVOC	111-91-1	Bis(2-chloroethoxy)methane	0.36	MG/KG	U	U_LAB	U						
21-029Western Seep21-11266	MD21-01-0206/25/01 11:35:00 AM	QC	FD	1.5	2.5	FT	R	QBT3	9167R	7/2/01	8/2/01	1	SVOC	111-44-4	Bis(2-chloroethyl)ether	0.36	MG/KG	U	U_LAB	U						
21-029Western Seep21-11266	MD21-01-0206/25/01 11:35:00 AM	QC	FD	1.5	2.5	FT	R	QBT3	9167R	7/2/01	8/2/01	1	SVOC	117-81-7	Bis(2-ethylhexyl)phthalate	0.36	MG/KG	U	U_LAB	U						
21-029Western Seep21-11266	MD21-01-0206/25/01 11:35:00 AM	QC	FD	1.5	2.5	FT	R	QBT3	9167R	7/2/01	8/2/01	1	SVOC	101-55-3	Bromophenyl-phenylether[4-]	0.36	MG/KG	U	U_LAB	U						
21-029Western Seep21-11266	MD21-01-0206/25/01 11:35:00 AM	QC	FD	1.5	2.5	FT	R	QBT3	9167R	7/2/01	8/2/01	1	SVOC	85-68-7	Butylbenzylphthalate	0.36	MG/KG	U	U_LAB	U						
21-029Western Seep21-11266	MD21-01-0206/25/01 11:35:00 AM	QC	FD	1.5	2.5	FT	R	QBT3	9167R	7/2/01	8/2/01	1	SVOC	59-50-7	Chloro-3-methylphenol[4-]	0.36	MG/KG	U	U_LAB	U						
21-029Western Seep21-11266	MD21-01-0206/25/01 11:35:00 AM	QC	FD	1.5	2.5	FT	R	QBT3	9167R	7/2/01	8/2/01	1	SVOC	106-47-8	Chloroaniline[4-]	0.36	MG/KG	U	U_LAB	U						
21-029Western Seep21-11266	MD21-01-0206/25/01 11:35:00 AM	QC	FD	1.5	2.5	FT	R	QBT3	9167R	7/2/01	8/2/01	1	SVOC	91-58-7	Chloronaphthalene[2-]	0.36	MG/KG	U	U_LAB	U						
21-029Western Seep21-11266	MD21-01-0206/25/01 11:35:00 AM	QC	FD	1.5	2.5	FT	R	QBT3	9167R	7/2/01	8/2/01	1	SVOC	95-57-8	Chlorophenol[2-]	0.36	MG/KG	U	U_LAB	U						
21-029Western Seep21-11266	MD21-01-0206/25/01 11:35:00 AM	QC	FD	1.5	2.5	FT	R	QBT3	9167R	7/2/01	8/2/01	1	SVOC	7005-72-3	Chlorophenyl-phenyl[4-] Ether	0.36	MG/KG	U	U_LAB	U						
21-029Western Seep21-11266	MD21-01-0206/25/01 11:35:00 AM	QC	FD	1.5	2.5	FT	R	QBT3	9167R	7/2/01	8/2/01	1	SVOC	132-64-9	Dibenzofuran	0.36	MG/KG	U	U_LAB	U						
21-029Western Seep21-11266	MD21-01-0206/25/01 11:35:00 AM	QC	FD	1.5	2.5	FT	R	QBT3	9167R	7/2/01	8/2/01	1	SVOC	95-50-1	Dichlorobenzene[1,2-]	0.36	MG/KG	U	U_LAB	U						
21-029Western Seep21-11266	MD21-01-0206/25/01 11:35:00 AM	QC	FD	1.5	2.5	FT	R	QBT3	9167R	7/2/01	8/2/01	1	SVOC	541-73-1	Dichlorobenzene[1,3-]	0.36	MG/KG	U	U_LAB	U						
21-029Western Seep21-11266	MD21-01-0206/25/01 11:35:00 AM	QC	FD	1.5	2.5	FT	R	QBT3	9167R	7/2/01	8/2/01	1	SVOC	106-46-7	Dichlorobenzene[1,4-]	0.36	MG/KG	U	U_LAB	U						
21-029Western Seep21-11266	MD21-01-0206/25/01 11:35:00 AM	QC	FD	1.5	2.5	FT	R	QBT3	9167R	7/2/01	8/2/01	1	SVOC	91-94-1	Dichlorobenzidine[3,3'-]	1.7	MG/KG	U	U_LAB	U						
21-029Western Seep21-11266	MD21-01-0206/25/01 11:35:00 AM	QC	FD	1.5	2.5	FT	R	QBT3	9167R	7/2/01	8/2/01	1	SVOC	120-83-2	Dichlorophenol[2,4-]	0.36	MG/KG	U	U_LAB	U						
21-029Western Seep21-11266	MD21-01-0206/25/01 11:35:00 AM	QC	FD	1.5	2.5	FT	R	QBT3	9167R	7/2/01	8/2/01	1	SVOC	84-66-2	Diethylphthalate	0.36	MG/KG	U	U_LAB	U						
21-029Western Seep21-11266	MD21-01-0206/25/01 11:35:00 AM	QC	FD	1.5	2.5	FT	R	QBT3	9167R	7/2/01	8/2/01	1	SVOC	131-11-3	Dimethyl Phthalate	0.36	MG/KG	U	U_LAB	U						
21-029Western Seep21-11266	MD21-01-0206/25/01 11:35:00 AM	QC	FD	1.5	2.5	FT	R	QBT3	9167R	7/2/01	8/2/01	1	SVOC	105-67-9	Dimethylphenol[2,4-]	0.36	MG/KG	U	U_LAB	U						
21-029Western Seep21-11266	MD21-01-0206/25/01 11:35:00 AM	QC	FD	1.5	2.5	FT	R	QBT3	9167R	7/2/01	8/2/01	1	SVOC	84-74-2	Di-n-butylphthalate	0.36	MG/KG	U	U_LAB	U						
21-029Western Seep21-11266	MD21-01-0206/25/01 11:35:00 AM	QC	FD	1.5	2.5	FT	R	QBT3	9167R	7/2/01	8/2/01	1	SVOC	534-52-1	Dinitro-2-methylphenol[4,6-]	1.7	MG/KG	U	U_LAB	U						
21-029Western Seep21-11266	MD21-01-0206/25/01 11:35:00 AM	QC	FD	1.5	2.5	FT	R	QBT3	9167R	7/2/01	8/2/01	1	SVOC	51-28-5	Dinitrophenol[2,4-]	1.7	MG/KG	U	U_LAB	U						
21-029Western Seep21-11266	MD21-01-0206/25/01 11:35:00 AM	QC	FD	1.5	2.5	FT	R	QBT3	9167R	7/2/01	8/2/01	1	SVOC	121-14-2	Dinitrotoluene[2,4-]	0.36	MG/KG	U	U_LAB	U						
21-029Western Seep21-11266	MD21-01-0206/25/01 11:35:00 AM	QC	FD	1.5	2.5	FT	R	QBT3	9167R	7/2/01	8/2/01	1	SVOC	606-20-2	Dinitrotoluene[2,6-]	0.36	MG/KG	U	U_LAB	U						
21-029Western Seep21-11266	MD21-01-0206/25/01 11:35:00 AM	QC	FD	1.5	2.5	FT	R	QBT3	9167R	7/2/01	8/2/01	1	SVOC	117-84-0	Di-n-octylphthalate	0.36	MG/KG	U	U_LAB	U						
21-029Western Seep21-11266	MD21-01-0206/25/01 11:35:00 AM	QC	FD	1.5	2.5	FT	R	QBT3	9167R	7/2/01	8/2/01	1	SVOC	118-74-1	Hexachlorobenzene	0.36	MG/KG	U	U_LAB	U						
21-029Western Seep21-11266	MD21-01-0206/25/01 11:35:00 AM	QC	FD	1.5	2.5	FT	R	QBT3	9167R	7/2/01	8/2/01	1	SVOC	87-68-3	Hexachlorobutadiene	0.36	MG/KG	U	U_LAB	U						
21-029Western Seep21-11266	MD21-01-0206/25/01 11:35:00 AM	QC	FD	1.5	2.5	FT	R	QBT3	9167R	7/2/01	8/2/01	1	SVOC	77-47-4	Hexachlorocyclopentadiene	1.7	MG/KG	U	U_LAB	U						
21-029Western Seep21-11266	MD21-01-0206/25/01 11:35:00 AM	QC	FD	1.5	2.5	FT	R	QBT3	9167R	7/2/01	8/2/01	1	SVOC	67-72-1	Hexachloroethane	0.36	MG/KG	U	U_LAB	U						
21-029Western Seep21-11266	MD21-01-0206/25/01 11:35:00 AM	QC	FD	1.5	2.5	FT	R	QBT3	9167R	7/2/01	8/2/01	1	SVOC	193-39-5	Indeno(1,2,3-cd)pyrene	0.36	MG/KG	U	U_LAB	U						
21-029Western Seep21-11266	MD21-01-0206/25/01 11:35:00 AM	QC	FD	1.5	2.5	FT	R	QBT3	9167R	7/2/01	8/2/01	1	SVOC	78-59-1	Isophorone	0.36	MG/KG	U	U_LAB	U						
21-029Western Seep21-11266	MD21-01-0206/25/01 11:35:00 AM	QC	FD	1.5	2.5	FT	R	QBT3	9167R	7/2/01	8/2/01	1	SVOC	95-48-7	Methylphenol[2-]	0.36	MG/KG	U	U_LAB	U						
21-029Western Seep21-11266	MD21-01-0206/25/01 11:35:00 AM	QC	FD	1.5	2.5	FT	R	QBT3	9167R	7/2/01	8/2/01	1	SVOC	106-44-5	Methylphenol[4-]	0.36	MG/KG	U	U_LAB	U						
21-029Western Seep21-11266	MD21-01-0206/25/01 11:35:00 AM	QC	FD	1.5	2.5	FT	R	QBT3	9167R	7/2/01	8/2/01	1	SVOC	88-74-4	Nitroaniline[2-]	1.7	MG/KG	U	U_LAB	U						

21-029Western Seep21-11267	MD21-01-02126/26/01 7:40:00 AM	INV	NA	0	0.4	FT	R	QBT3	9170R	7/2/01	7/6/01	1.02	VOC	95-63-6	Trimethylbenzene[1,2,4-]	0.0065	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11267	MD21-01-02126/26/01 7:40:00 AM	INV	NA	0	0.4	FT	R	QBT3	9170R	7/2/01	7/6/01	1.02	VOC	108-67-8	Trimethylbenzene[1,3,5-]	0.0065	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11267	MD21-01-02126/26/01 8:15:00 AM	INV	NA	3.5	4	FT	R	QBT3	9170R	7/2/01	8/10/01	5	SVOC	208-96-8	Acenaphthylene	1.9	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11267	MD21-01-02126/26/01 8:15:00 AM	INV	NA	3.5	4	FT	R	QBT3	9170R	7/2/01	8/10/01	5	SVOC	62-53-3	Aniline	1.9	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11267	MD21-01-02126/26/01 8:15:00 AM	INV	NA	3.5	4	FT	R	QBT3	9170R	7/2/01	8/10/01	5	SVOC	103-33-3	Azobenzene	1.9	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11267	MD21-01-02126/26/01 8:15:00 AM	INV	NA	3.5	4	FT	R	QBT3	9170R	7/2/01	8/10/01	5	SVOC	191-24-2	Benzo(g,h,i)perylene	1.9	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11267	MD21-01-02126/26/01 8:15:00 AM	INV	NA	3.5	4	FT	R	QBT3	9170R	7/2/01	8/10/01	5	SVOC	65-85-0	Benzoic Acid	9	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11267	MD21-01-02126/26/01 8:15:00 AM	INV	NA	3.5	4	FT	R	QBT3	9170R	7/2/01	8/10/01	5	SVOC	100-51-6	Benzyl Alcohol	1.9	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11267	MD21-01-02126/26/01 8:15:00 AM	INV	NA	3.5	4	FT	R	QBT3	9170R	7/2/01	8/10/01	5	SVOC	111-91-1	Bis(2-chloroethoxy)methane	1.9	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11267	MD21-01-02126/26/01 8:15:00 AM	INV	NA	3.5	4	FT	R	QBT3	9170R	7/2/01	8/10/01	5	SVOC	111-44-4	Bis(2-chloroethyl)ether	1.9	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11267	MD21-01-02126/26/01 8:15:00 AM	INV	NA	3.5	4	FT	R	QBT3	9170R	7/2/01	8/10/01	5	SVOC	117-81-7	Bis(2-ethylhexyl)phthalate	1.9	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11267	MD21-01-02126/26/01 8:15:00 AM	INV	NA	3.5	4	FT	R	QBT3	9170R	7/2/01	8/10/01	5	SVOC	101-55-3	Bromophenyl-phenylether[4-]	1.9	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11267	MD21-01-02126/26/01 8:15:00 AM	INV	NA	3.5	4	FT	R	QBT3	9170R	7/2/01	8/10/01	5	SVOC	85-68-7	Butylbenzylphthalate	1.9	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11267	MD21-01-02126/26/01 8:15:00 AM	INV	NA	3.5	4	FT	R	QBT3	9170R	7/2/01	8/10/01	5	SVOC	59-50-7	Chloro-3-methylphenol[4-]	1.9	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11267	MD21-01-02126/26/01 8:15:00 AM	INV	NA	3.5	4	FT	R	QBT3	9170R	7/2/01	8/10/01	5	SVOC	106-47-8	Chloroaniline[4-]	1.9	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11267	MD21-01-02126/26/01 8:15:00 AM	INV	NA	3.5	4	FT	R	QBT3	9170R	7/2/01	8/10/01	5	SVOC	91-58-7	Chloronaphthalene[2-]	1.9	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11267	MD21-01-02126/26/01 8:15:00 AM	INV	NA	3.5	4	FT	R	QBT3	9170R	7/2/01	8/10/01	5	SVOC	95-57-8	Chlorophenol[2-]	1.9	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11267	MD21-01-02126/26/01 8:15:00 AM	INV	NA	3.5	4	FT	R	QBT3	9170R	7/2/01	8/10/01	5	SVOC	7005-72-3	Chlorophenyl-phenyl[4-] Ether	1.9	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11267	MD21-01-02126/26/01 8:15:00 AM	INV	NA	3.5	4	FT	R	QBT3	9170R	7/2/01	8/10/01	5	SVOC	132-64-9	Dibenzofuran	1.9	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11267	MD21-01-02126/26/01 8:15:00 AM	INV	NA	3.5	4	FT	R	QBT3	9170R	7/2/01	8/10/01	5	SVOC	95-50-1	Dichlorobenzene[1,2-]	1.9	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11267	MD21-01-02126/26/01 8:15:00 AM	INV	NA	3.5	4	FT	R	QBT3	9170R	7/2/01	8/10/01	5	SVOC	541-73-1	Dichlorobenzene[1,3-]	1.9	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11267	MD21-01-02126/26/01 8:15:00 AM	INV	NA	3.5	4	FT	R	QBT3	9170R	7/2/01	8/10/01	5	SVOC	106-46-7	Dichlorobenzene[1,4-]	1.9	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11267	MD21-01-02126/26/01 8:15:00 AM	INV	NA	3.5	4	FT	R	QBT3	9170R	7/2/01	8/10/01	5	SVOC	91-94-1	Dichlorobenzidine[3,3'-]	9	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11267	MD21-01-02126/26/01 8:15:00 AM	INV	NA	3.5	4	FT	R	QBT3	9170R	7/2/01	8/10/01	5	SVOC	120-83-2	Dichlorophenol[2,4-]	1.9	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11267	MD21-01-02126/26/01 8:15:00 AM	INV	NA	3.5	4	FT	R	QBT3	9170R	7/2/01	8/10/01	5	SVOC	84-66-2	Diethylphthalate	1.9	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11267	MD21-01-02126/26/01 8:15:00 AM	INV	NA	3.5	4	FT	R	QBT3	9170R	7/2/01	8/10/01	5	SVOC	131-11-3	Dimethyl Phthalate	1.9	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11267	MD21-01-02126/26/01 8:15:00 AM	INV	NA	3.5	4	FT	R	QBT3	9170R	7/2/01	8/10/01	5	SVOC	105-67-9	Dimethylphenol[2,4-]	1.9	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11267	MD21-01-02126/26/01 8:15:00 AM	INV	NA	3.5	4	FT	R	QBT3	9170R	7/2/01	8/10/01	5	SVOC	84-74-2	Di-n-butylphthalate	1.9	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11267	MD21-01-02126/26/01 8:15:00 AM	INV	NA	3.5	4	FT	R	QBT3	9170R	7/2/01	8/10/01	5	SVOC	534-52-1	Dinitro-2-methylphenol[4,6-]	9	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11267	MD21-01-02126/26/01 8:15:00 AM	INV	NA	3.5	4	FT	R	QBT3	9170R	7/2/01	8/10/01	5	SVOC	51-28-5	Dinitrophenol[2,4-]	9	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11267	MD21-01-02126/26/01 8:15:00 AM	INV	NA	3.5	4	FT	R	QBT3	9170R	7/2/01	8/10/01	5	SVOC	121-14-2	Dinitrotoluene[2,4-]	1.9	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11267	MD21-01-02126/26/01 8:15:00 AM	INV	NA	3.5	4	FT	R	QBT3	9170R	7/2/01	8/10/01	5	SVOC	606-20-2	Dinitrotoluene[2,6-]	1.9	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11267	MD21-01-02126/26/01 8:15:00 AM	INV	NA	3.5	4	FT	R	QBT3	9170R	7/2/01	8/10/01	5	SVOC	117-84-0	Di-n-octylphthalate	1.9	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11267	MD21-01-02126/26/01 8:15:00 AM	INV	NA	3.5	4	FT	R	QBT3	9170R	7/2/01	8/10/01	5	SVOC	118-74-1	Hexachlorobenzene	1.9	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11267	MD21-01-02126/26/01 8:15:00 AM	INV	NA	3.5	4	FT	R	QBT3	9170R	7/2/01	8/10/01	5	SVOC	87-68-3	Hexachlorobutadiene	1.9	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11267	MD21-01-02126/26/01 8:15:00 AM	INV	NA	3.5	4	FT	R	QBT3	9170R	7/2/01	8/10/01	5	SVOC	77-47-4	Hexachlorocyclopentadiene	9	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11267	MD21-01-02126/26/01 8:15:00 AM	INV	NA	3.5	4	FT	R	QBT3	9170R	7/2/01	8/10/01	5	SVOC	67-72-1	Hexachloroethane	1.9	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11267	MD21-01-02126/26/01 8:15:00 AM	INV	NA	3.5	4	FT	R	QBT3	9170R	7/2/01	8/10/01	5	SVOC	193-39-5	Indeno(1,2,3-cd)pyrene	1.9	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11267	MD21-01-02126/26/01 8:15:00 AM	INV	NA	3.5	4	FT	R	QBT3	9170R	7/2/01	8/10/01	5	SVOC	78-59-1	Isophorone	1.9	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11267	MD21-01-02126/26/01 8:15:00 AM	INV	NA	3.5	4	FT	R	QBT3	9170R	7/2/01	8/10/01	5	SVOC	95-48-7	Methylphenol[2-]	1.9	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11267	MD21-01-02126/26/01 8:15:00 AM	INV	NA	3.5	4	FT	R	QBT3	9170R	7/2/01	8/10/01	5	SVOC	106-44-5	Methylphenol[4-]	1.9	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11267	MD21-01-02126/26/01 8:15:00 AM	INV	NA	3.5	4	FT	R	QBT3	9170R	7/2/01	8/10/01	5	SVOC	88-74-4	Nitroaniline[2-]	9	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11267	MD21-01-02126/26/01 8:15:00 AM	INV	NA	3.5	4	FT	R	QBT3	9170R	7/2/01	8/10/01	5	SVOC	99-09-2	Nitroaniline[3-]	9	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11267	MD21-01-02126/26/01 8:15:00 AM	INV	NA	3.5	4	FT	R	QBT3	9170R	7/2/01	8/10/01	5	SVOC	100-01-6	Nitroaniline[4-]	9	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11267	MD21-01-02126/26/01 8:15:00 AM	INV	NA	3.5	4	FT	R	QBT3	9170R	7/2/01	8/10/01	5	SVOC	98-95-3	Nitrobenzene	1.9	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11267	MD21-01-02126/26/01 8:15:00 AM	INV	NA	3.5	4	FT	R	QBT3	9170R	7/2/01	8/10/01	5	SVOC	88-75-5	Nitrophenol[2-]	1.9	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11267	MD21-01-02126/26/01 8:15:00 AM	INV	NA	3.5	4	FT	R	QBT3	9170R	7/2/01	8/10/01	5	SVOC	100-02-7	Nitrophenol[4-]	9	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11267	MD21-01-02126/26/01 8:15:00 AM	INV	NA	3.5	4	FT	R	QBT3	9170R	7/2/01	8/10/01	5	SVOC	62-75-9	Nitrosodimethylamine[N-]	1.9	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11267	MD21-01-02126/26/01 8:15:00 AM	INV	NA	3.5	4	FT	R	QBT3	9170R	7/2/01	8/10/01	5	SVOC	621-64-7	Nitroso-di-n-propylamine[N-]	1.9	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11267	MD21-01-02126/26/01 8:15:00 AM	INV	NA	3.5	4	FT	R	QBT3	9170R	7/2/01	8/10/01	5	SVOC	86-30-6	Nitrosodiphenylamine[N-]	1.9	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11267	MD21-01-02126/26/01 8:15:00 AM	INV	NA	3.5	4	FT	R	QBT3	9170R	7/2/01	8/10/01	5	SVOC	108-60-1	Oxybis(1-chloropropane)[2,2'-]	1.9	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11267	MD21-01-02126/26/01 8:15:00 AM	INV	NA	3.5	4	FT	R	QBT3	9170R	7/2/01	8/10/01	5	SVOC	87-86-5	Pentachlorophenol	9	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11267	MD21-01-02126/26/01 8:15:00 AM	INV	NA	3.5	4	FT	R	QBT3	9170R	7/2/01	8/10/01	5	SVOC	108-95-2	Phenol	1.9	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11267	MD21-01-02126/26/01 8:15:00 AM	INV	NA	3.5	4	FT	R	QBT3	9170R	7/2/01	8/10/01	5	SVOC	120-82-1	Trichlorobenzene[1,2,4-]	1.9	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11267	MD21-01-02126/26/01 8:15:00 AM	INV	NA	3.5	4	FT	R	QBT3	9170R	7/2/01	8/10/01	5	SVOC	95-95-4	Trichlorophenol[2,4,5-]	1.9	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11267	MD21-01-02126/26/01 8:15:00 AM	INV	NA	3.5	4	FT	R	QBT3	9170R	7/2/01	8/10/01	5	SVOC	88-06-2	Trichlorophenol[2,4,6-]	1.9	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11267	MD21-01-02126/26/01 8:15:00 AM	INV	NA	3.5	4	FT	R	QBT3	9171R	7/2/01	7/13/01	1	TAL_METALS	AL	Aluminum	1850	MG/KG			N	PM	I12B	PM	I14B			Severn Trent
21-029Western Seep21-11267	MD21-01-02126/26/01 8:15:00 AM	INV	NA	3.5	4	FT	R	QBT3	9171R	7/2/01	8/2/01	5	TAL_METALS	SB	Antimony	0.89	MG/KG	UJ	I3e	UN	UJ	I3E	PM	I13B	PM	I14B	Severn Trent
21-029Western Seep21-11267	MD21-01-02126/26/01 8:15:00 AM	INV	NA	3.5	4	FT	R	QBT3	9171R	7/2/01	8/2/01	5	TAL_METALS	AS	Arsenic	0.64	MG/KG	J	I1	B	J	I1	PM	I13B	PM	I14B	Severn Trent
21-029Western Seep21-11267	MD21-01-02126/26/01 8:15:00 AM	INV	NA	3.5	4	FT	R	QBT3	9171R	7/2/01	7/13/01	1	TAL_METALS	BA	Barium	16.1	MG/KG	J	I1	B	J	I1	PM	I13B	PM	I14B	Severn Trent
21-029Western Seep21-11267	MD21-01-02126/26/01 8:15:00 AM	INV	NA	3.5	4	FT	R	QBT3	9171R	7/2/01	7/13/01	1	TAL_METALS	BE	Beryllium	0.82	MG/KG				PM	I12B	PM	I14B			Severn Trent
21-029Western Seep21-11267	MD21-01-02126/26/01 8:15:00 AM	INV	NA	3.5	4	FT	R	QBT3	9171R	7/2/01	8/2/01	5	TAL_METALS	CD	Cadmium	0.071	MG/KG	U	U_LAB	U	PM	I12B	PM	I14B			Severn Trent
21-029Western Seep21-11267	MD21-01-02126/26/01 8:15:00 AM	INV	NA	3.5	4	FT	R	QBT3	9171R	7/2/01	7/13/01	1	TAL_METALS	CA	Calcium	203	MG/KG	J	I1	B	J	I1	PM	I13B	PM	I14B	Severn Trent
21-029Western Seep21-11267	MD21-01-02126/26/01 8:15:00 AM	INV	NA	3.5	4	FT	R	QBT3	9171R	7/2/01	7/13/01	1	TAL_METALS	CR	Chromium, Total	2.3	MG/KG				PM	I12B	PM	I14B			Severn Trent
21-029Western Seep21-11267	MD21-01-02126/26/01 8:15:00 AM	INV	NA	3.5	4	FT	R	QBT3	9171R	7/2/01	7/13/01	1	TAL_METALS	CO	Cobalt	0.55	MG/KG	U	U_LAB	U	PM	I12B	PM	I14B			Severn Trent
21-029Western Seep21-11267	MD21-01-02126/26/01 8:15:00 AM	INV	NA	3.5	4	FT	R	QBT3	9171R	7/2/01	7/13/01	1	TAL_METALS	CU	Copper	3.1	MG/KG			*	PM	I12B	PM	I14B			Severn Trent
21-029Western Seep21-11267	MD21-01-02126/26/01 8:15:00 AM	INV	NA	3.5	4	FT	R	QBT3	9171R	7/2/01	7/13/01	1	TAL_METALS	FE	Iron	7070	MG/KG			N	PM	I12B	PM	I14B			Severn Trent
21-029Western Seep21-11267	MD21-01-02126/26/01 8:15:00 AM	INV	NA	3.5	4	FT	R	QBT3	9171R	7/2/01	7/13/01	1	TAL_METALS	MG	Magnesium	119	MG/KG	J	I1	B	J	I1	PM	I13B	PM	I14B	Severn Trent
21-029Western Seep21-11267	MD21-01-02126/26/01 8:15:00 AM	INV	NA	3.5	4	FT	R	QBT3	9171R	7/2/01	7/13/01	1	TAL_METALS	MN	Manganese	340	MG/KG	J+	I3h	N	J+	I3H	PM	I13B	PM	I14B	Severn Trent
21-029Western Seep21-11267	MD21-01-02126/26/01 8:15:00 AM	INV	NA	3.5	4	FT	R	QBT3	9171R	7/2/01	7/18/01	1	TAL_METALS	HG	Mercury	0.019	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11267	MD21-01-02126/26/01 8:15:00 AM	INV	NA	3.5	4	FT	R	QBT3	9171R	7/2/01	7/13/01	1	TAL_METALS	NI	Nickel	1.6	MG/KG	J	I1	B	J	I1	PM	I13B	PM	I14B	Severn Trent
21-029Western Seep21-11267	MD21-01-02126/26/01 8:15:00 AM	INV	NA	3.5	4	FT	R	QBT3	9171R	7/2/01	7/13/01	1	TAL_METALS	K	Potassium	264	MG/KG	U	U_LAB	U	PM	I12B	PM	I14B			Severn Trent
21-029Western Seep21-11267	MD21-01-02126/26/01 8:15:00 AM	INV	NA	3.5	4	FT	R	QBT3	9171R	7/2/01	8/2/01	5	TAL_METALS	SE	Selenium	0.35	MG/KG	J	I1	B	J	I1	PM	I13B	PM	I14B	Severn Trent
21-029Western Seep21-11267	MD21-01-02126/26/01 8:15:00 AM	INV	NA	3.5	4	FT	R	QBT3	9171R	7/2/01	8/2/01	5	TAL_METALS	AG	Silver	0.057	MG/KG	U	I5	B	U	I5	PM	I13B	PM	I14B	Severn Trent
21-029Western Seep21-11267	MD21-01-02126/26/01 8:15:00 AM	INV	NA	3.5	4	FT	R	QBT3	9171R	7/2/01	7/13/01	1	TAL_METALS	NA	Sodium	105	MG/KG	J	I1	B	J	I1	PM	I13B	PM	I14B	Severn Trent
21-029Western Seep21-11267	MD21-01-02126/26/01 8:15:00 AM	INV	NA	3.5	4	FT	R	QBT3	9171R	7/2/01	8/2/01	5	TAL_METALS	TL	Thallium	0.012	MG/KG	U	U_LAB	U	PM	I12B	PM	I14B			Severn Trent
21-029Western Seep21-11267	MD21-01-02126/26/01 8:15:00 AM	INV	NA	3.5	4	FT	R	QBT3	9171R	7/2/01	7/13/01	1	TAL_METALS	V	Vanadium	3.4	MG/KG	J	I1	B	J	I1	PM	I13B	PM	I14B	Severn Trent
21-029Western Seep21-11267	MD21-01-02126/26/01 8:15:00 AM	INV	NA	3.5	4	FT	R	QBT3	9171R	7/2/01	7/13/01	1	TAL_METALS	ZN	Zinc	51.6	MG/KG				PM	I12B	PM	I14B			Severn Trent
21-029Western Seep21-11267	MD21-01-02126/26/01 8:15:00 AM	INV	NA	3.5	4	FT	R	QBT3	9170R	7/2/01	7/6/01	1.12	VOC	95-63-6	Trimethylbenzene[1,2,4-]	0.0063	MG/KG	U	U_LAB	U							Severn Trent
21-029Western Seep21-11267	MD21-01-02126/26/01 8:15:00 AM	INV	NA	3.5	4	FT	R	QBT3	9170R	7/2/01	7/6/01	1.12	VOC	108-67-8	Trimethylbenzene[1,3,5-]	0.0063	MG/KG	U	U_LAB	U							Severn Trent

Appendix E

Statistical Analyses

APPENDIX E STATISTICAL ANALYSES

E-1.0 BOX PLOTS FOR ALL UNDERGROUND STORAGE TANK RELATED ANALYTES

The side-by-side box plots shown in the following figures show the sediment, fill, Qbt 2 and Qbt 3 tuff data for all underground storage tank (UST)-related analytes for each investigation area at the DP Tank Farm site. The investigation areas are the mesa top, storm drain areas, western seep, and eastern seep. The box plots do not include storm drain area data for the tuff media.

Box plots summarize information about the shape and spread of the distribution of concentrations from a data set. Box plots consist of a box, a line across the box, whiskers (lines extended beyond the box and terminated with a perpendicular line segment), and points outside the whiskers. The Y-axis represents the concentration; the X-axis represents each area and media.

Each box shows the concentration range containing the middle half of the data; that is, the lower box edge is at the lower quartile (25th percentile) of the data, and the upper box edge is at the upper quartile (75th percentile) of the data. The line across the box represents the median (50th percentile) of the data, a measure of the center of the concentration distribution. If the median line is not across the center of the box, this indicates that the distribution of concentrations is skewed or nonsymmetrical.

The height of the box is a measure of the spread of the concentrations. The whiskers extend beyond the box to include a majority of the data; results outside the whiskers are sometimes labeled outliers or extreme or potentially influential observations. The whiskers are determined using a multiple of the interquartile range (IQR), which is the difference between the 25th and 75th percentiles. The upper whisker terminates at the largest concentration that is not further than 1.5 x R (one and a half times R, or the IQR) beyond the upper quartile; the lower whisker is similarly determined using the 25th percentile. A result that lies outside the whiskers is not necessarily rejected but may be investigated as an anomaly. For the data sets considered here, none of the results outside the whiskers were rejected for any reason, and all are included in all analyses.

Box plots are included for all UST-related analytes, as discussed in Section 3.4.4. For comparison purposes, the box plot for lead also includes lines at the soil background value as well as the tuff background value. The results are plotted on top of the box plots using different symbols for detected analytical results and nondetected analytical results. Nondetected results are plotted as open circles and detected results as an X. All nondetected results are plotted at the detection limit. The text below each box plot not only lists the media and the group, but the total number of samples for the group is given after *n* =, and the number of detections in that group is given after *Detects* =.

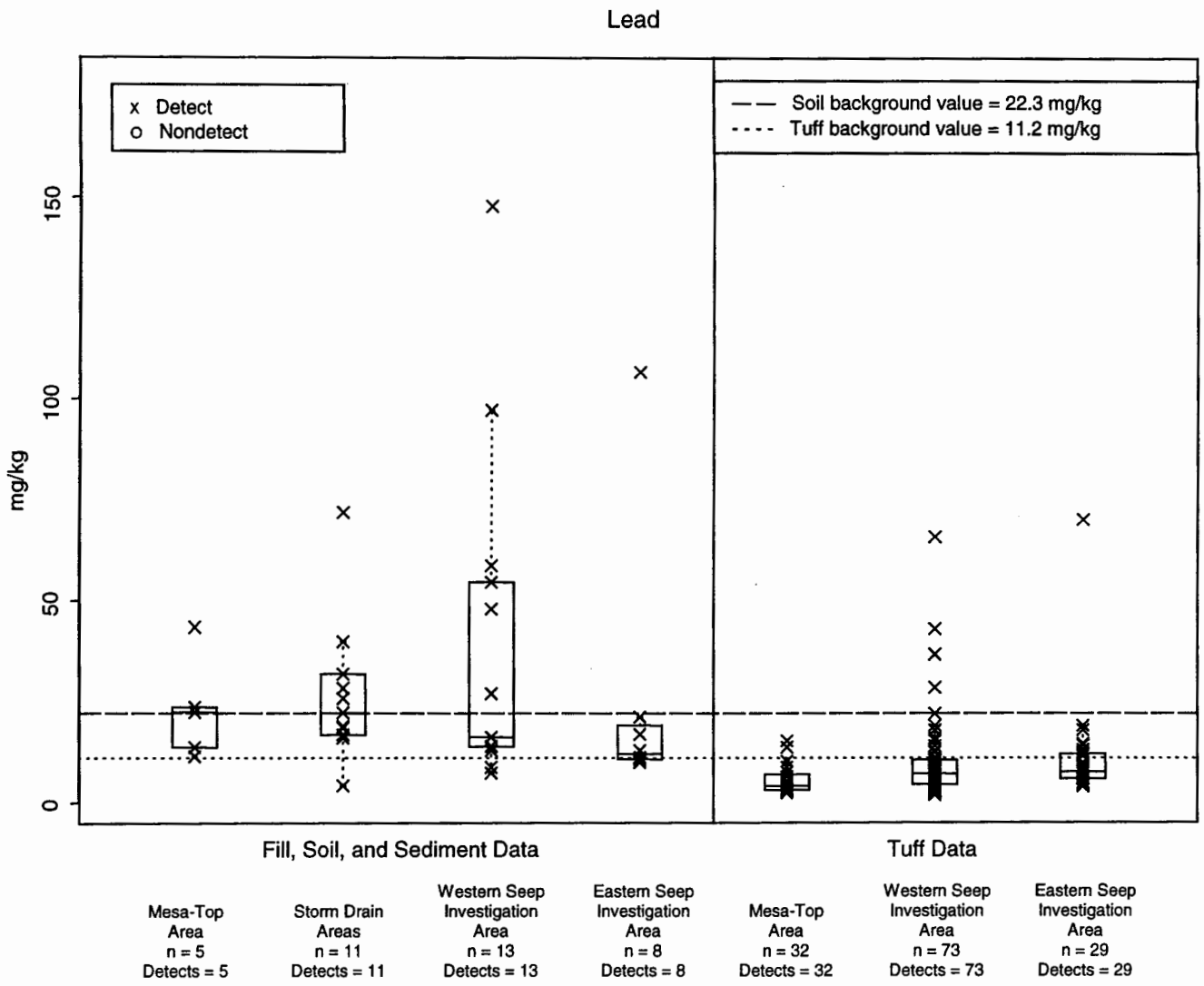


Figure E-1. Box plots of fill, soil, sediment, and tuff data for lead at DP Tank Farm

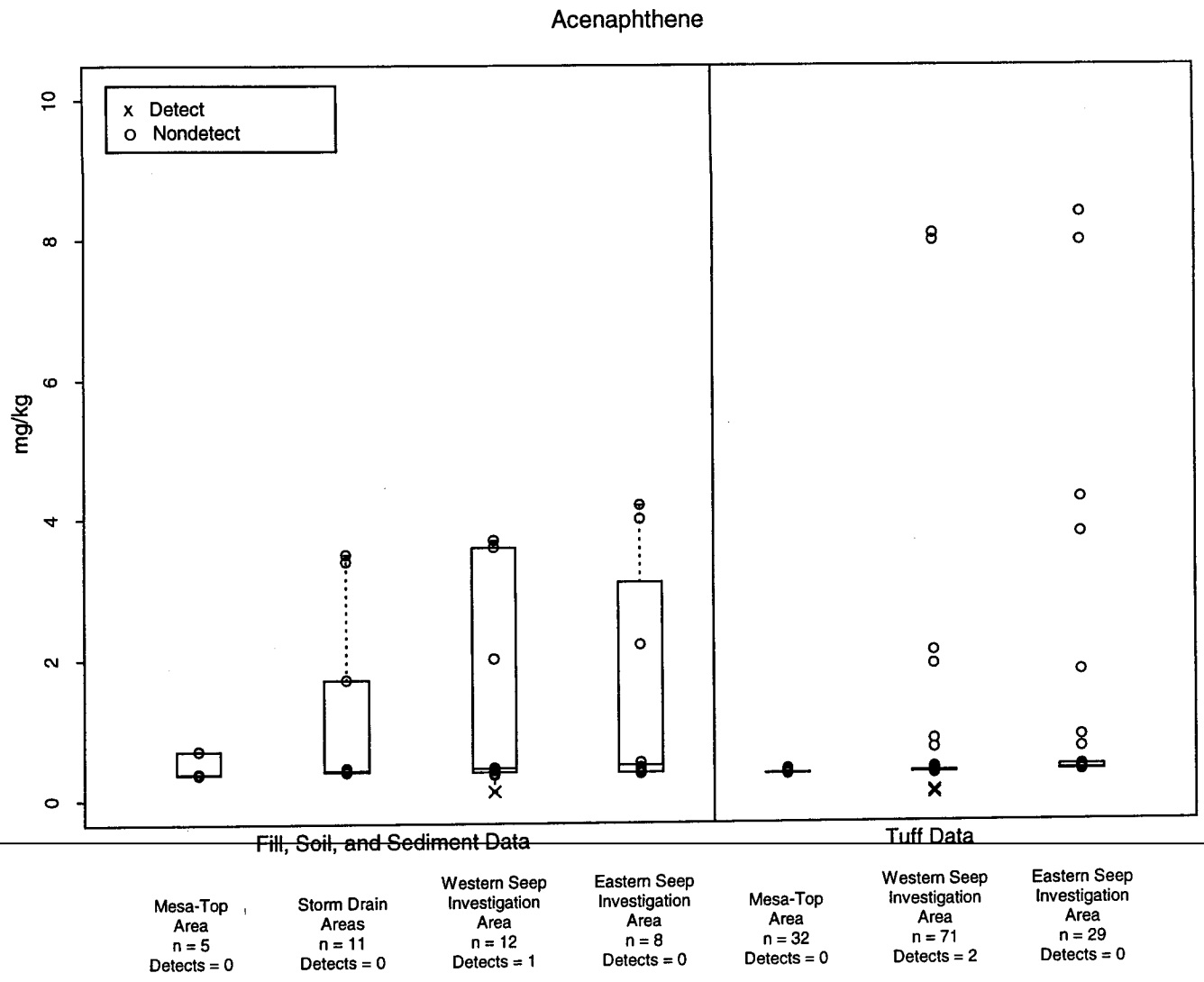


Figure E-2. **Box plots of fill, soil, sediment, and tuff data for acenaphthene at DP Tank Farm**

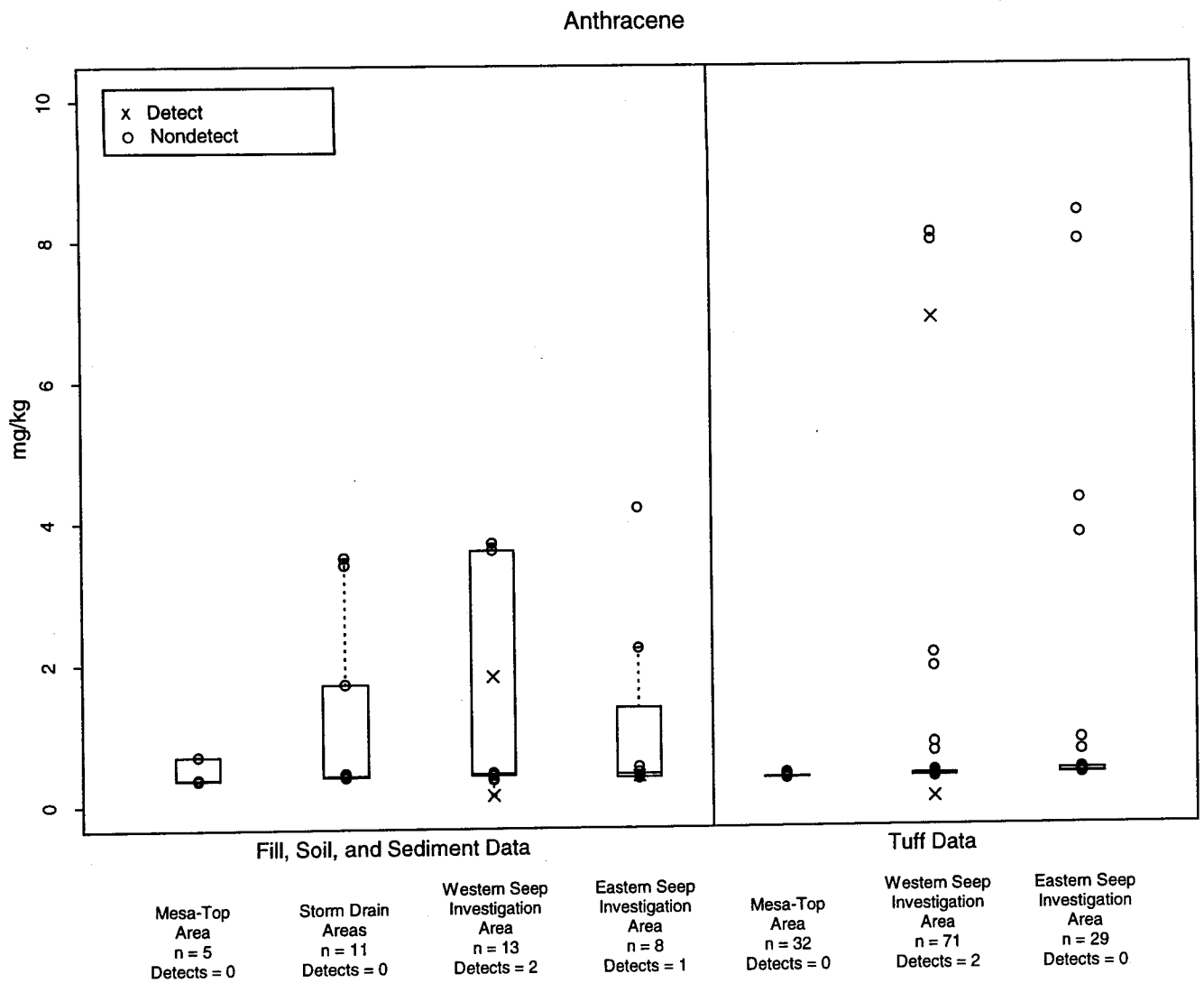


Figure E-3. **Box plots of fill, soil, sediment, and tuff data for anthracene at DP Tank Farm**

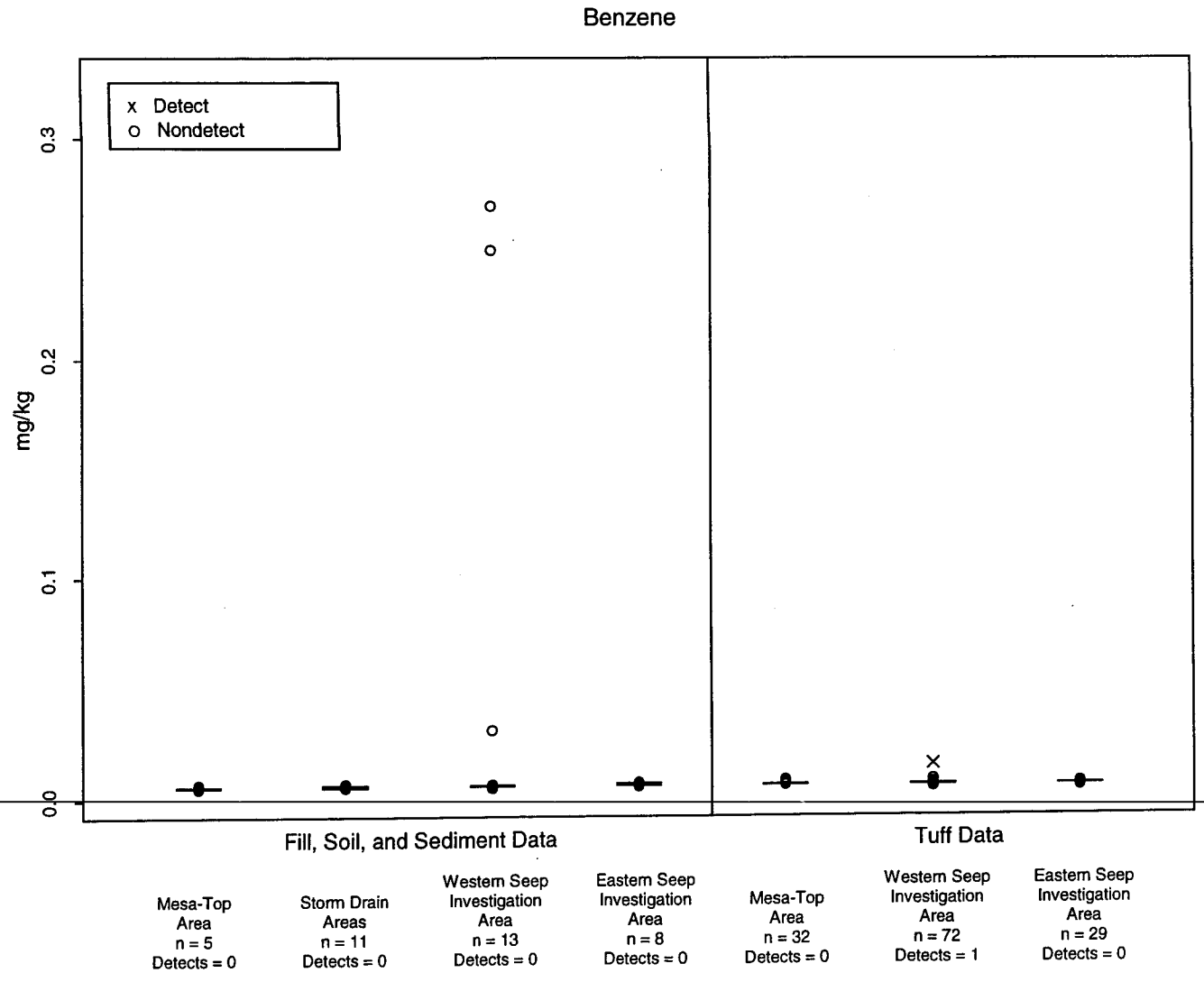


Figure E-4. **Box plots of fill, soil, sediment, and tuff data for benzene at DP Tank Farm**

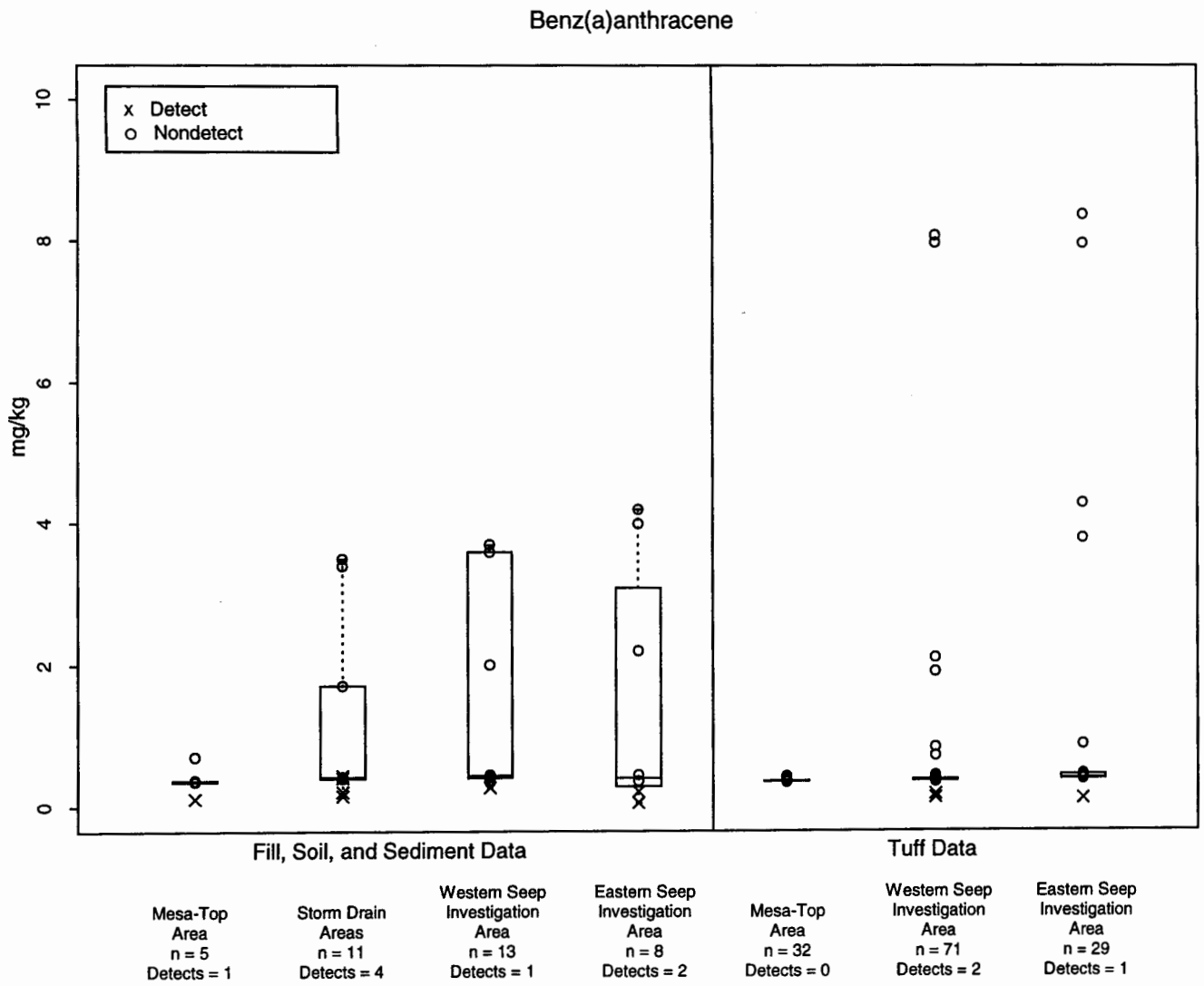


Figure E-5. Box plots of fill, soil, sediment, and tuff data for benz(a)anthracene at DP Tank Farm

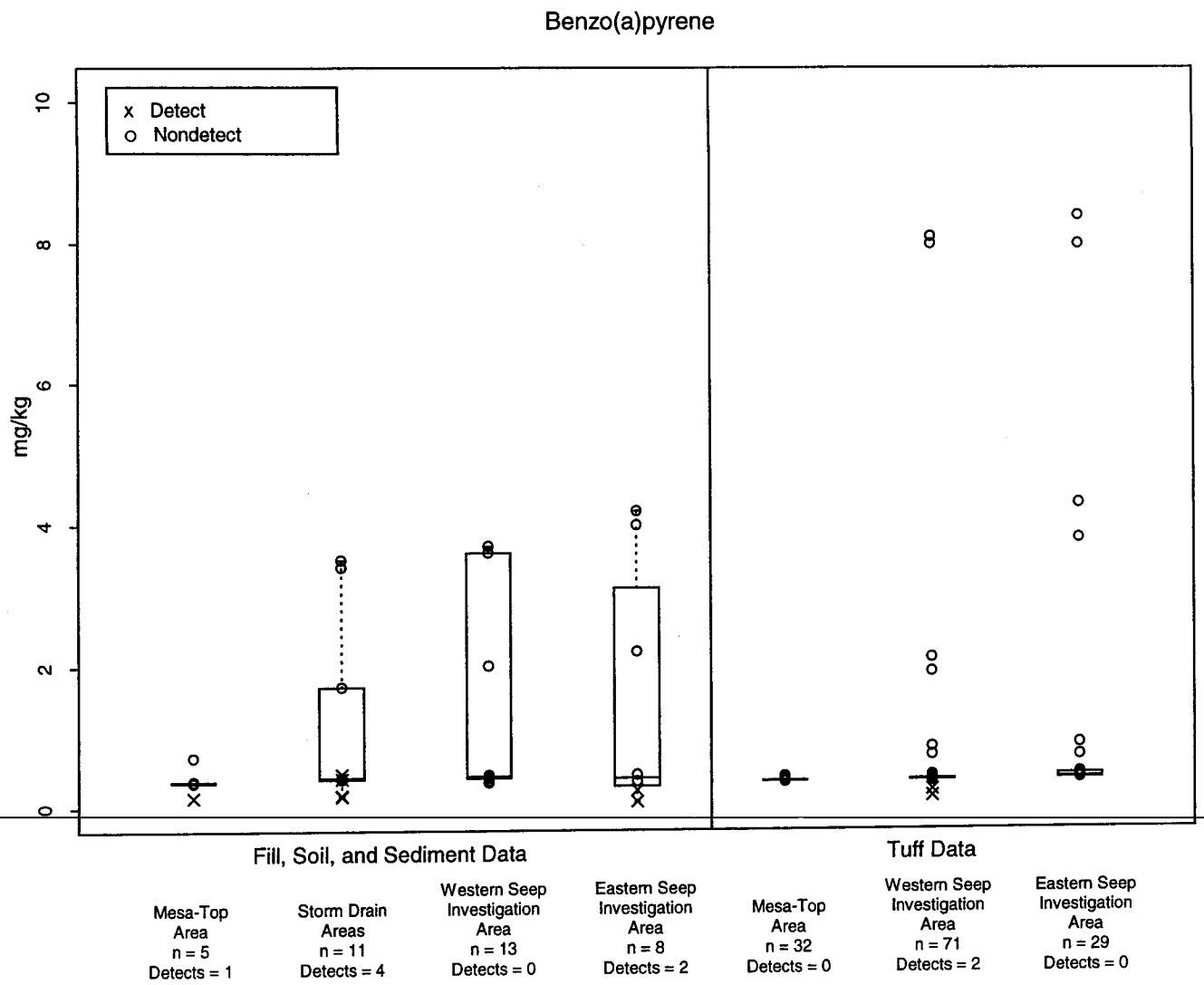


Figure E-6. **Box plots of fill, soil, sediment, and tuff data for benzo(a)pyrene at DP Tank Farm**

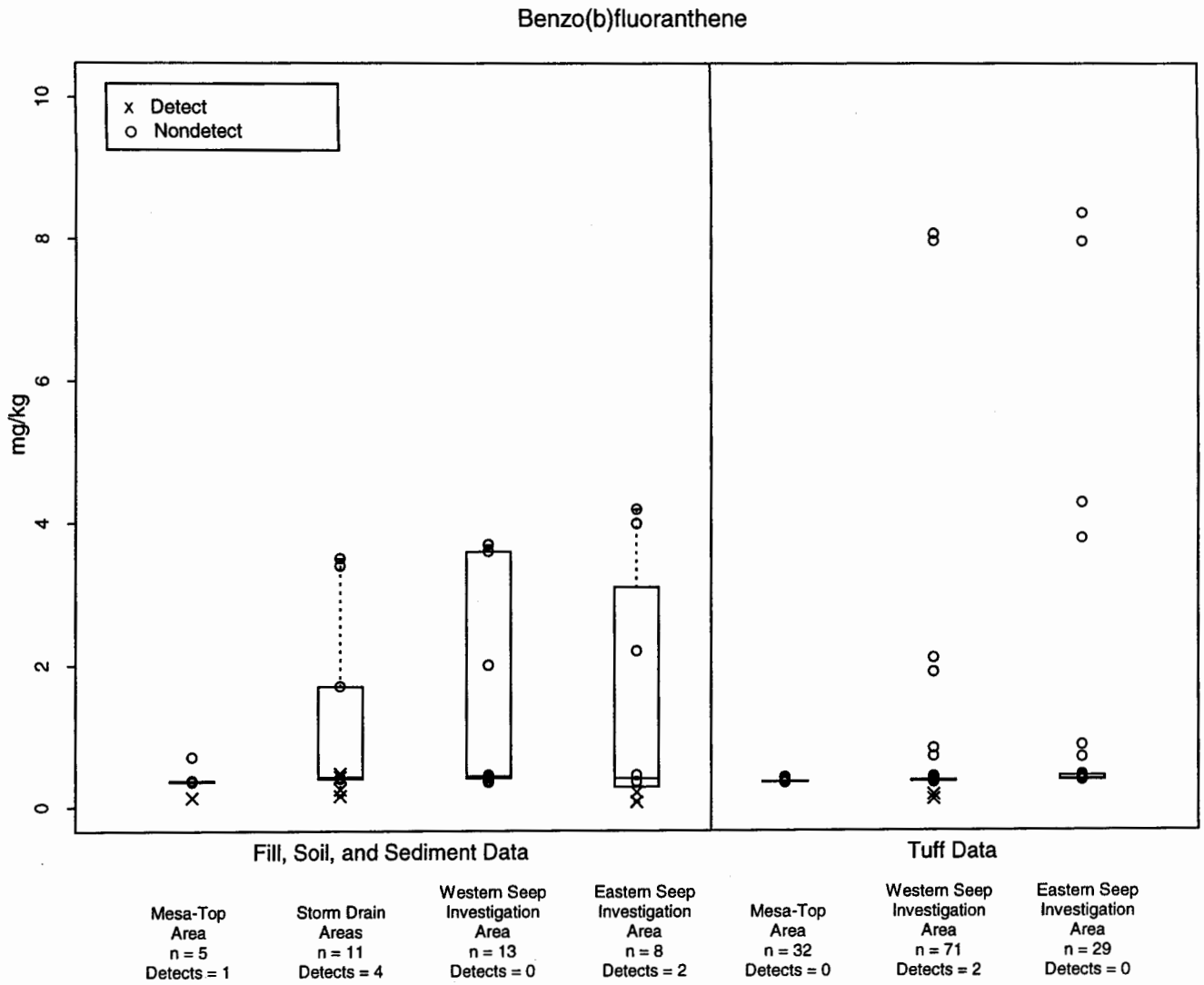


Figure E-7. Box plots of fill, soil, sediment, and tuff data for benzo(b)fluoranthene at DP Tank Farm

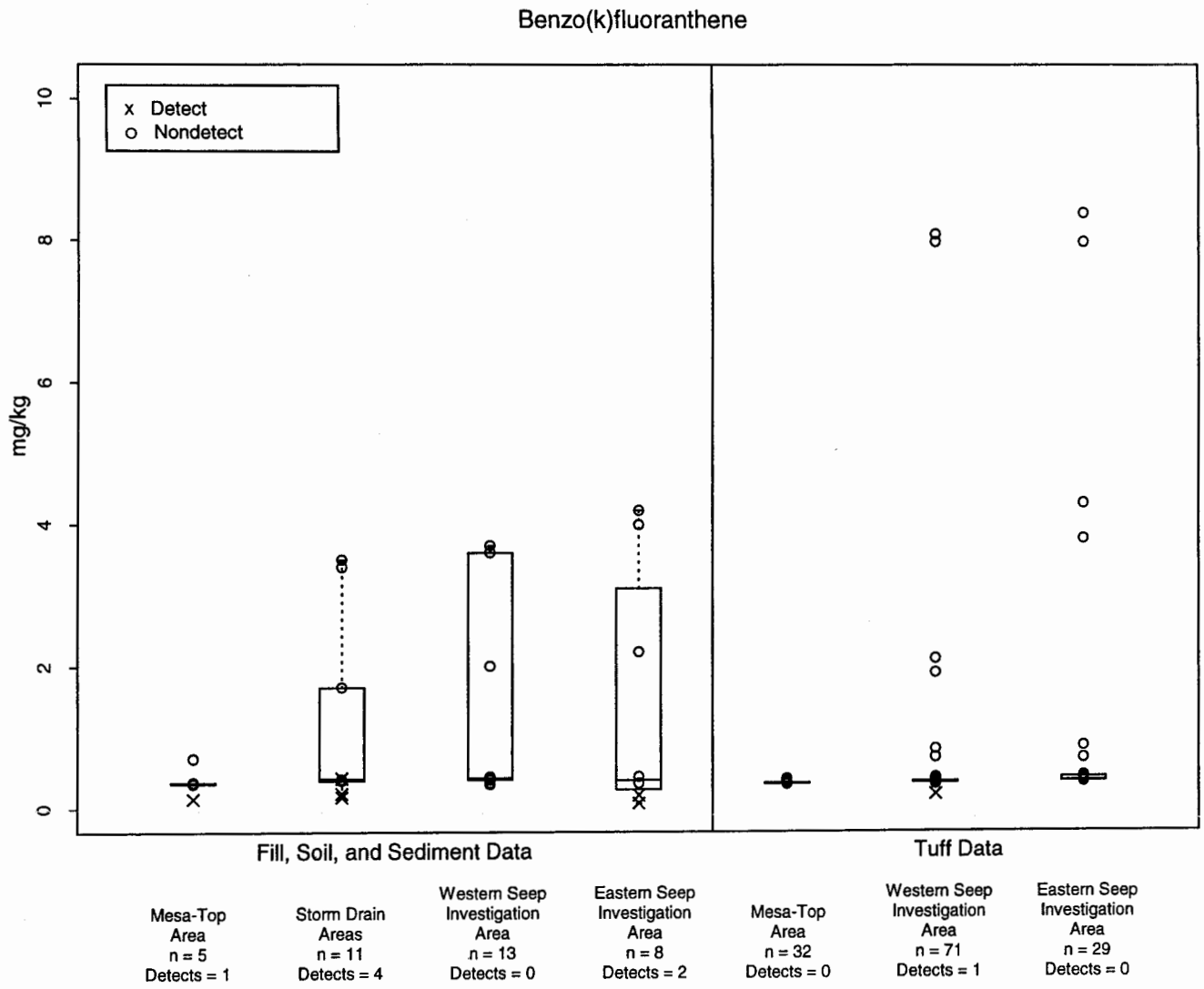


Figure E-8. Box plots of fill, soil, sediment, and tuff data for benzo(k)fluoranthene at DP Tank Farm

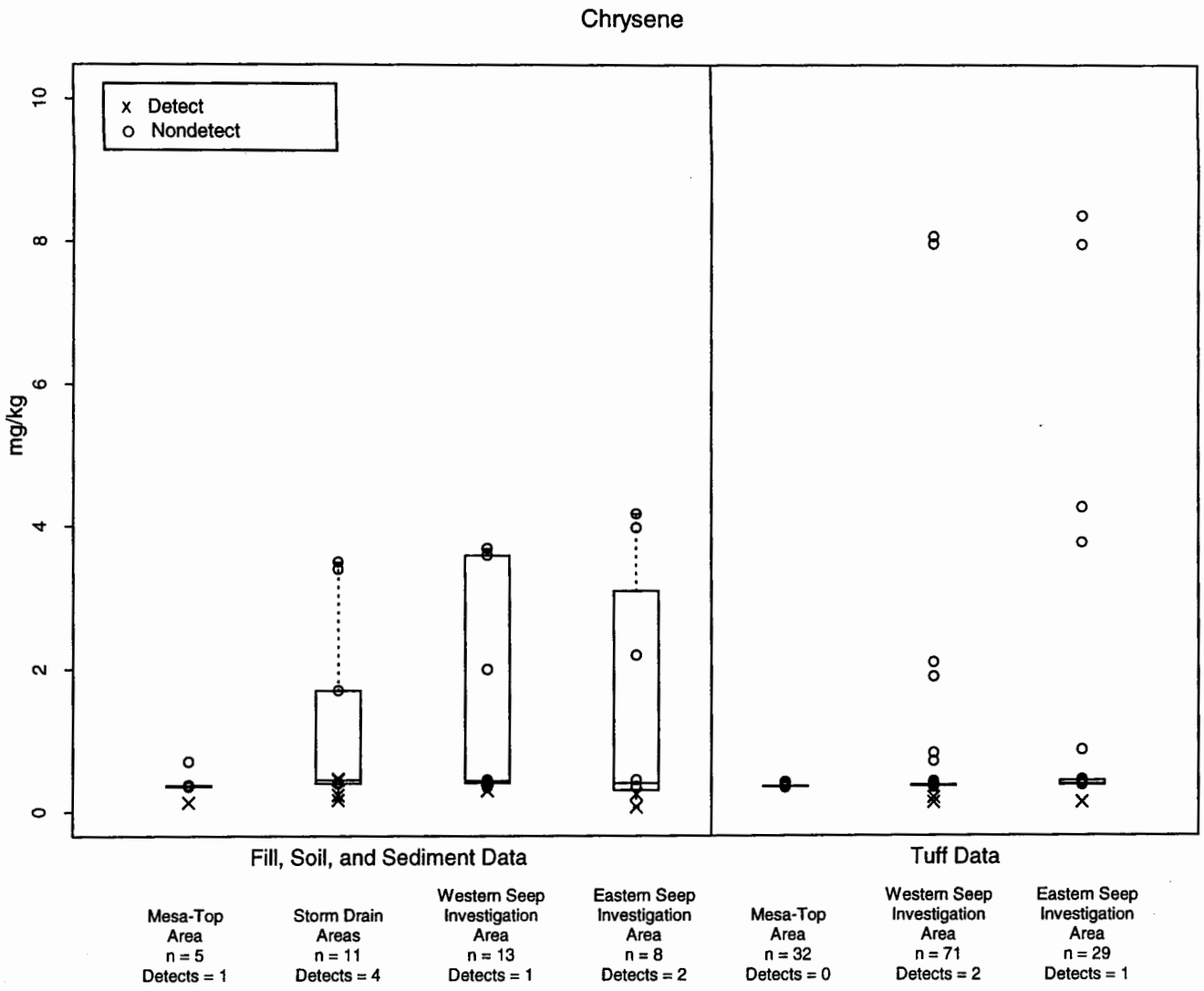


Figure E-9. Box plots of fill, soil, sediment, and tuff data for chrysene at DP Tank Farm

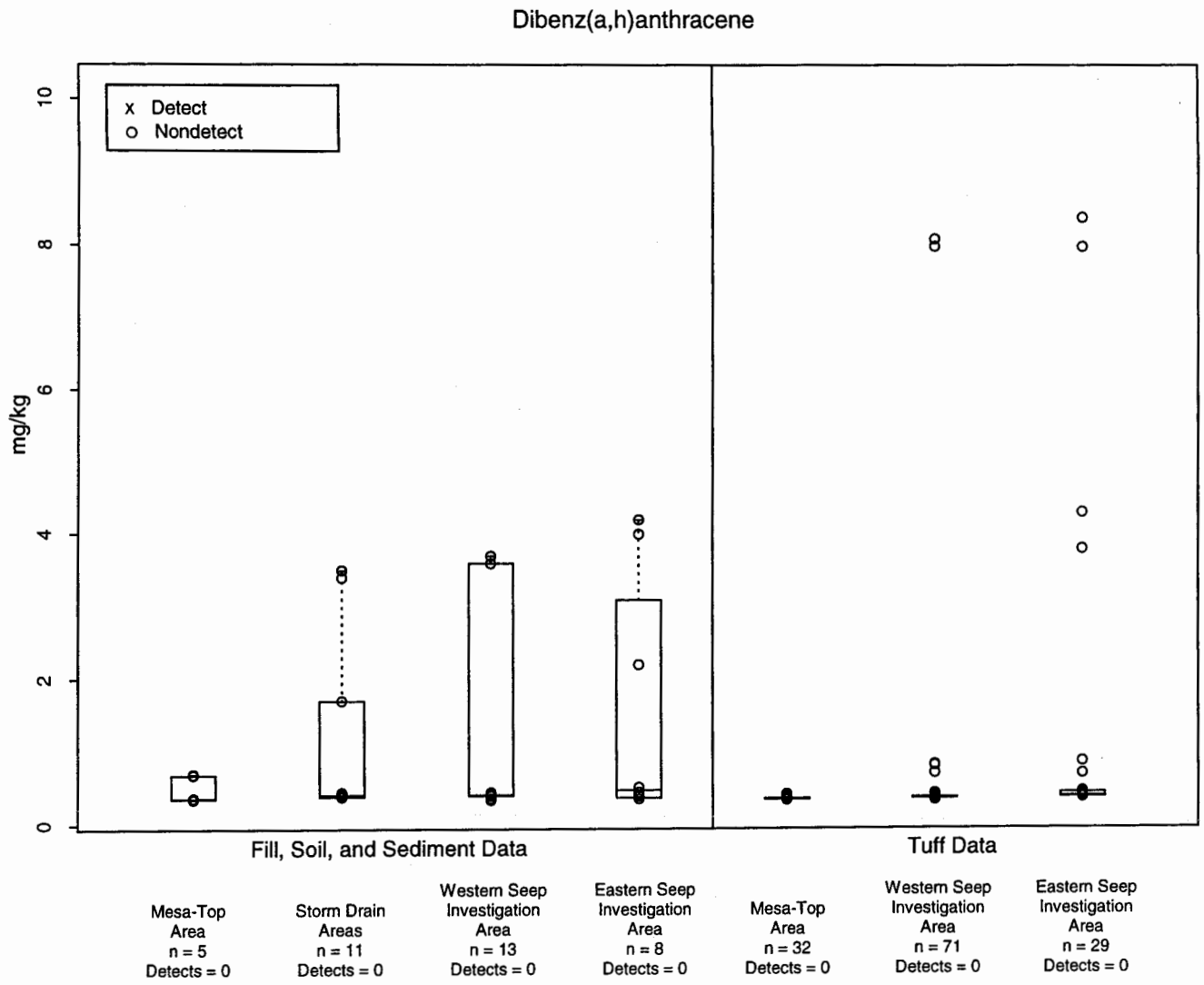


Figure E-10. Box plots of fill, soil, sediment, and tuff data for dibenz(a,h)anthracene at DP Tank Farm

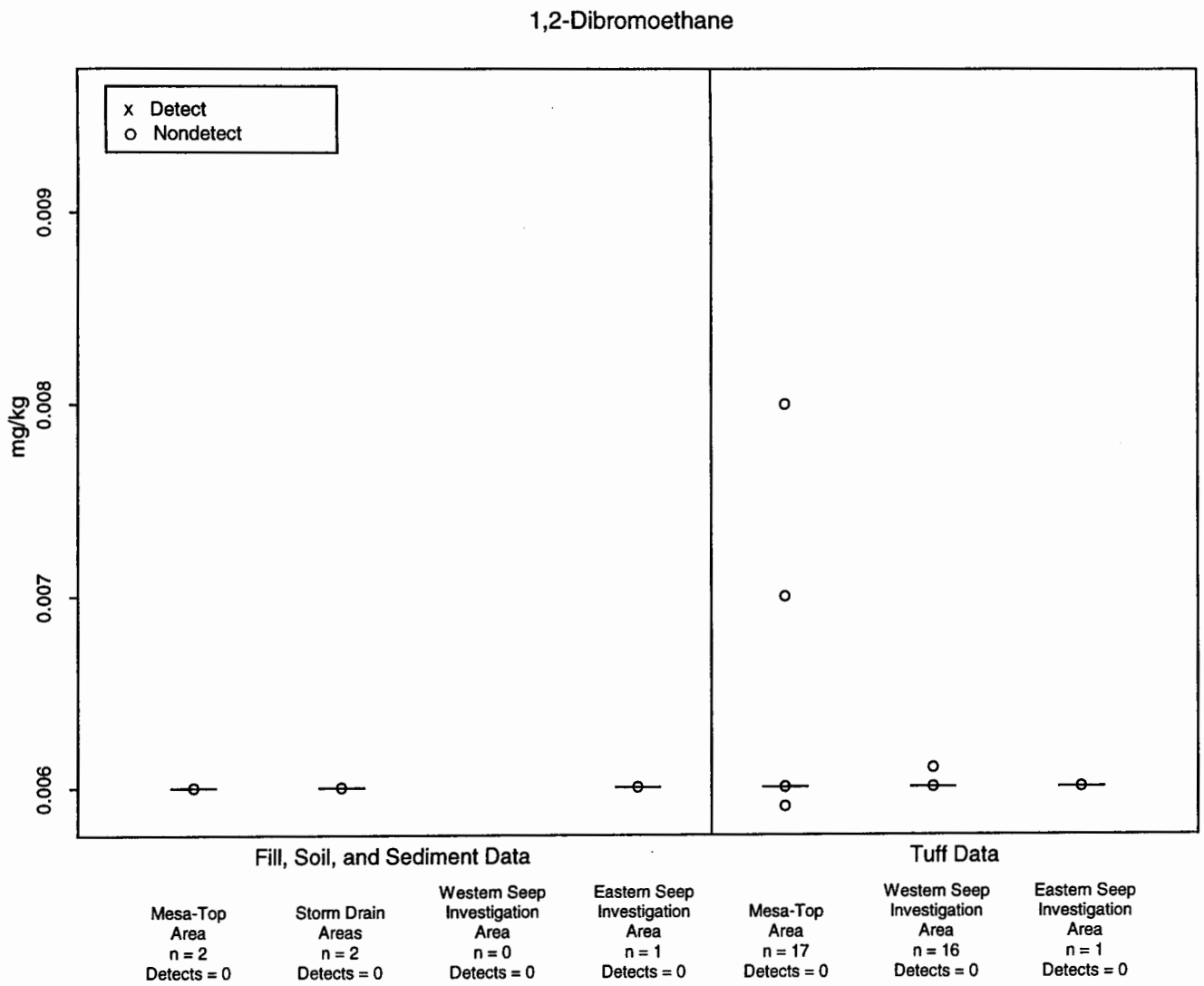


Figure E-11. Box plots of fill, soil, sediment, and tuff data for 1,2-dibromoethane at DP Tank Farm

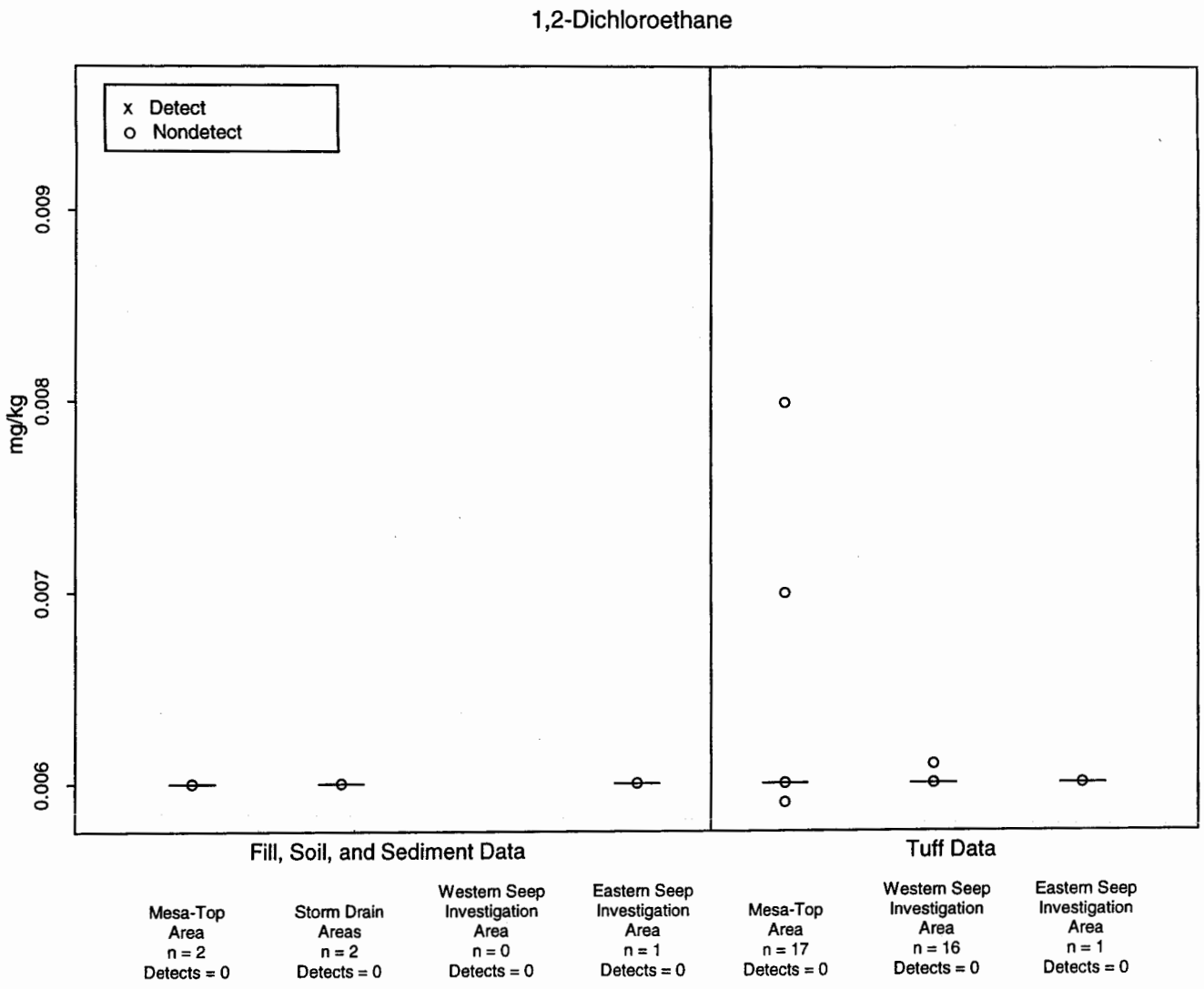


Figure E-12. Box plots of fill, soil, sediment, and tuff data for 1,2-dichloroethane at DP Tank Farm

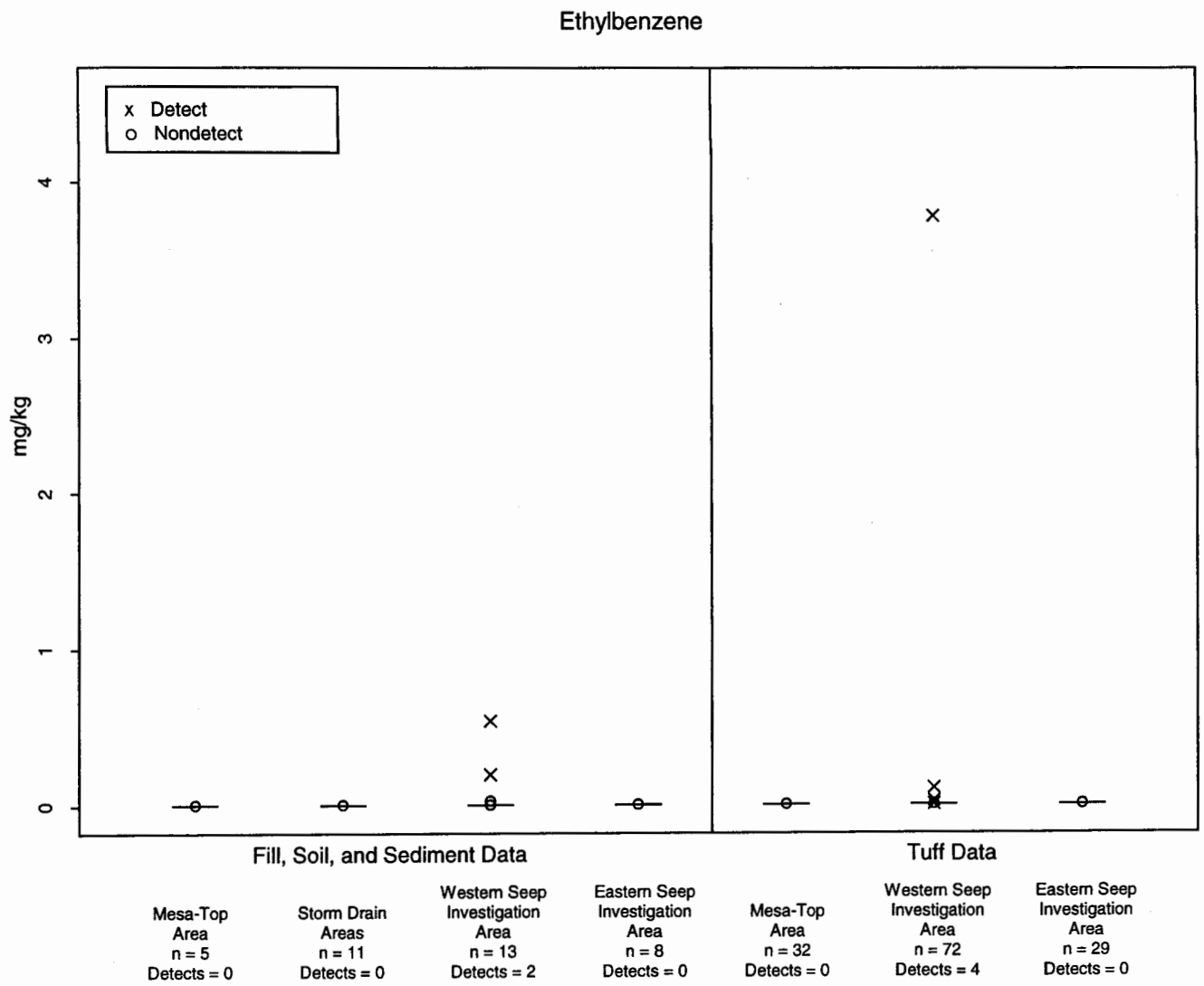


Figure E-13. Box plots of fill, soil, sediment, and tuff data for ethylbenzene at DP Tank Farm

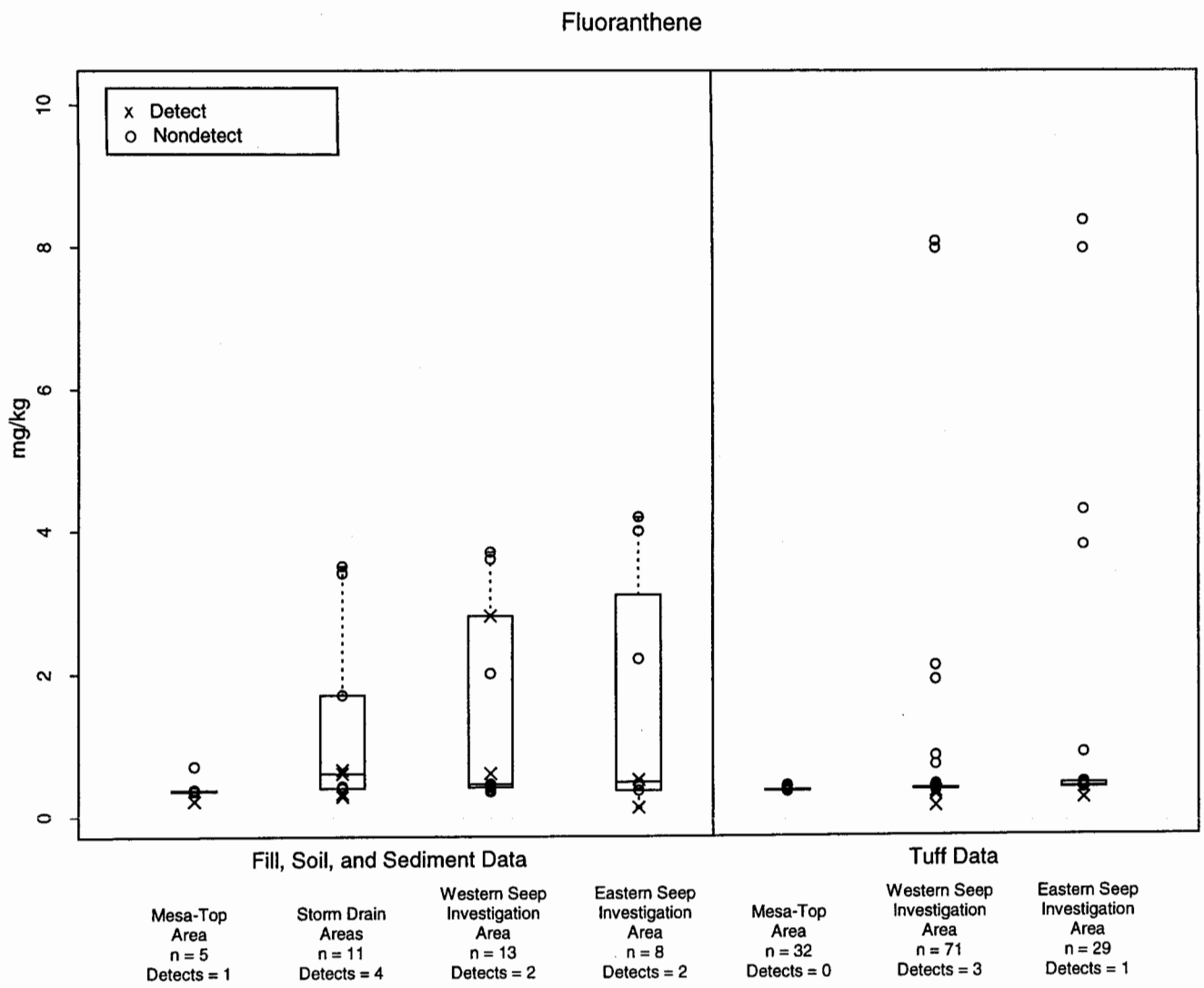


Figure E-14. Box plots of fill, soil, sediment, and tuff data for fluoranthene at DP Tank Farm

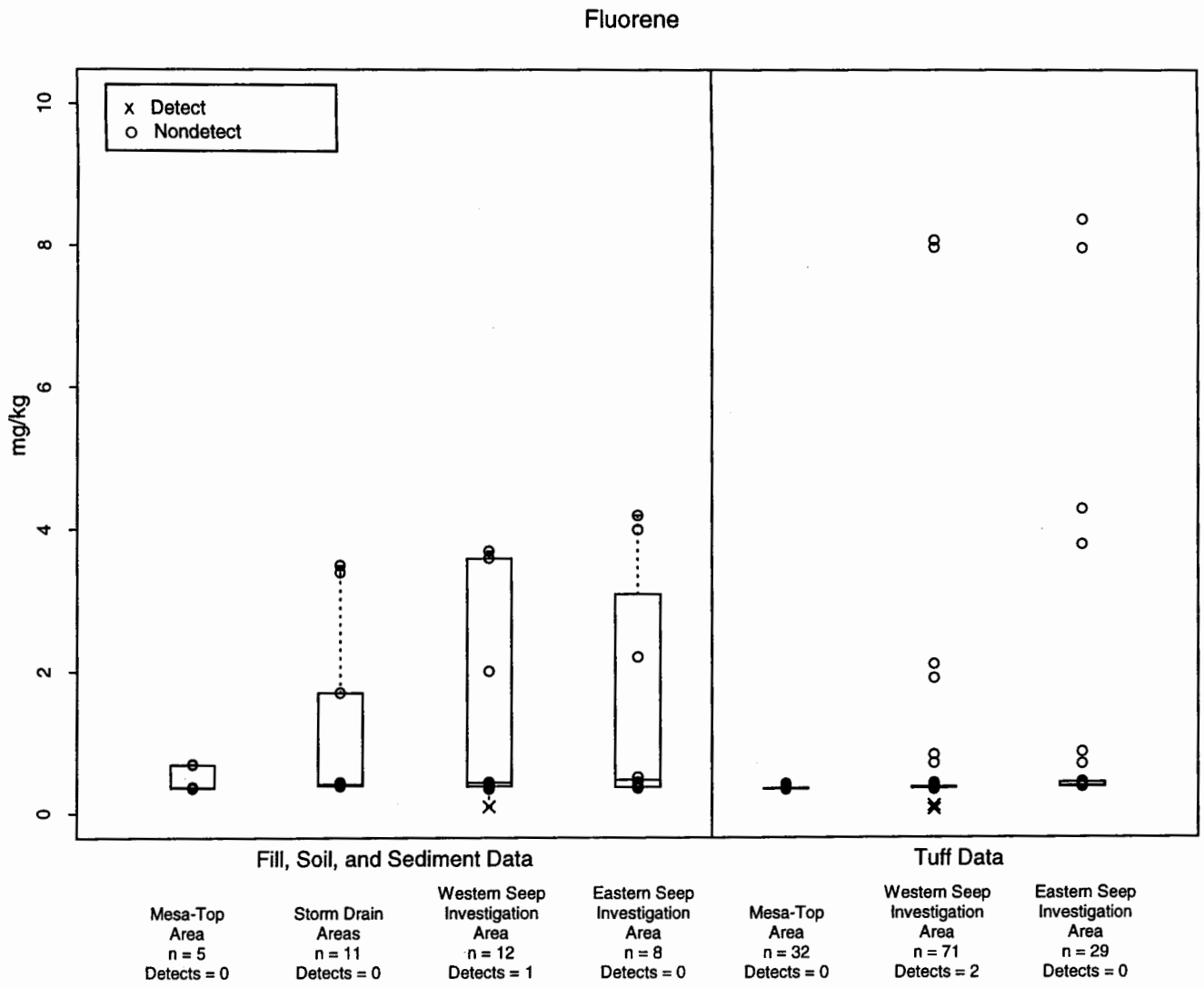


Figure E-15. Box plots of fill, soil, sediment, and tuff data for fluorene at DP Tank Farm

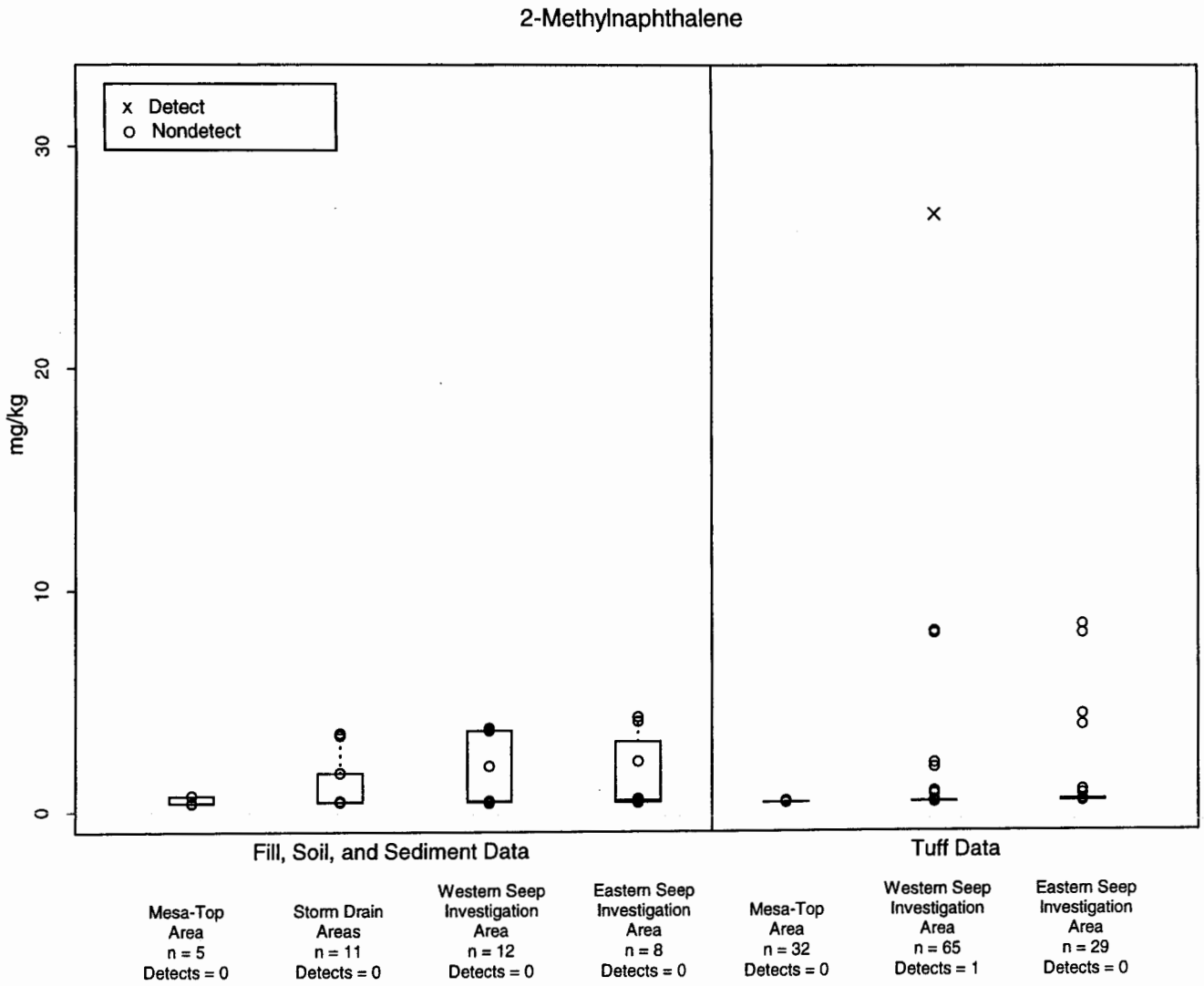


Figure E-16. Box plots of fill, soil, sediment, and tuff data for 2-methylnaphthalene at DP Tank Farm

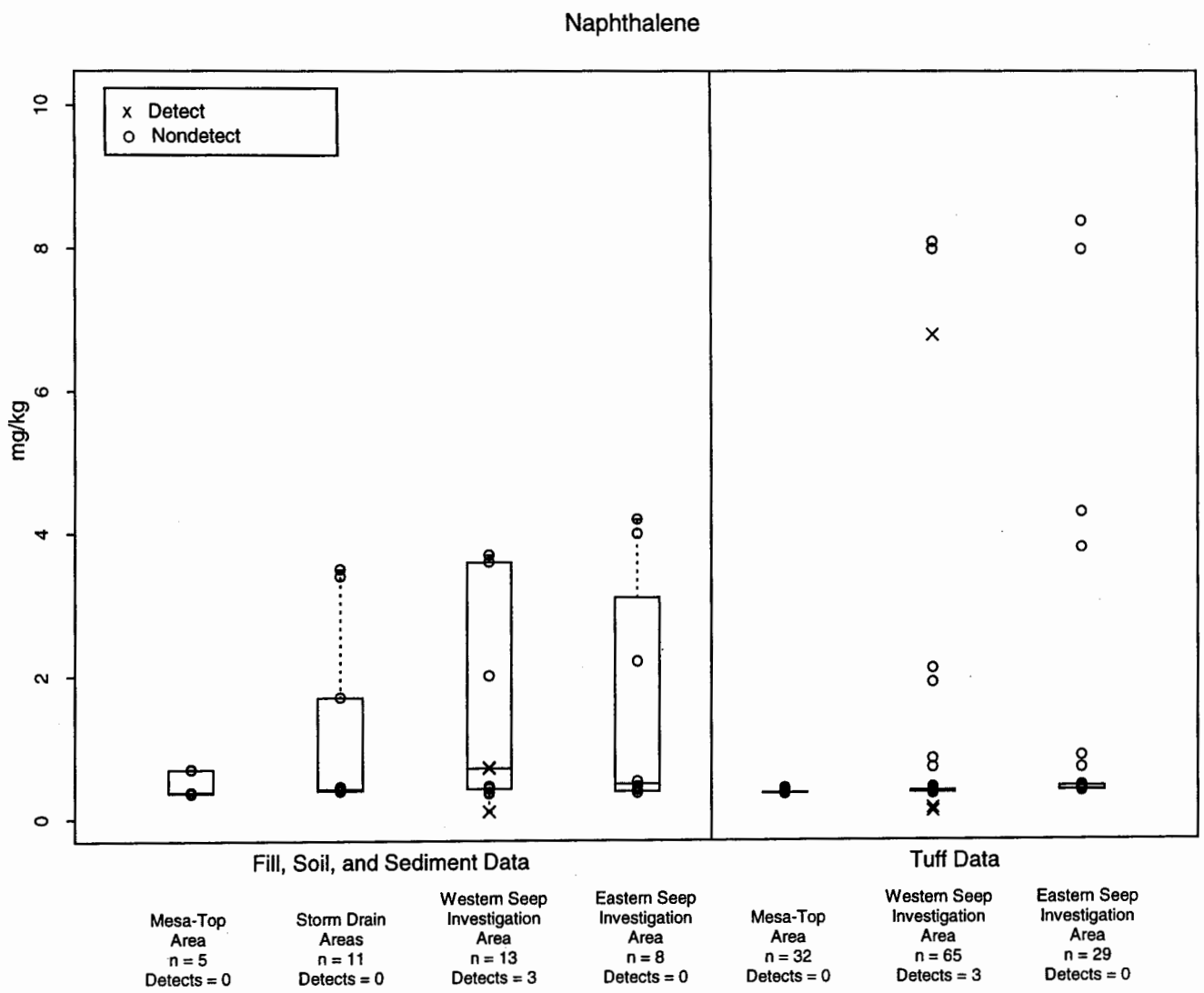


Figure E-17. Box plots of fill, soil, sediment, and tuff data for naphthalene at DP Tank Farm

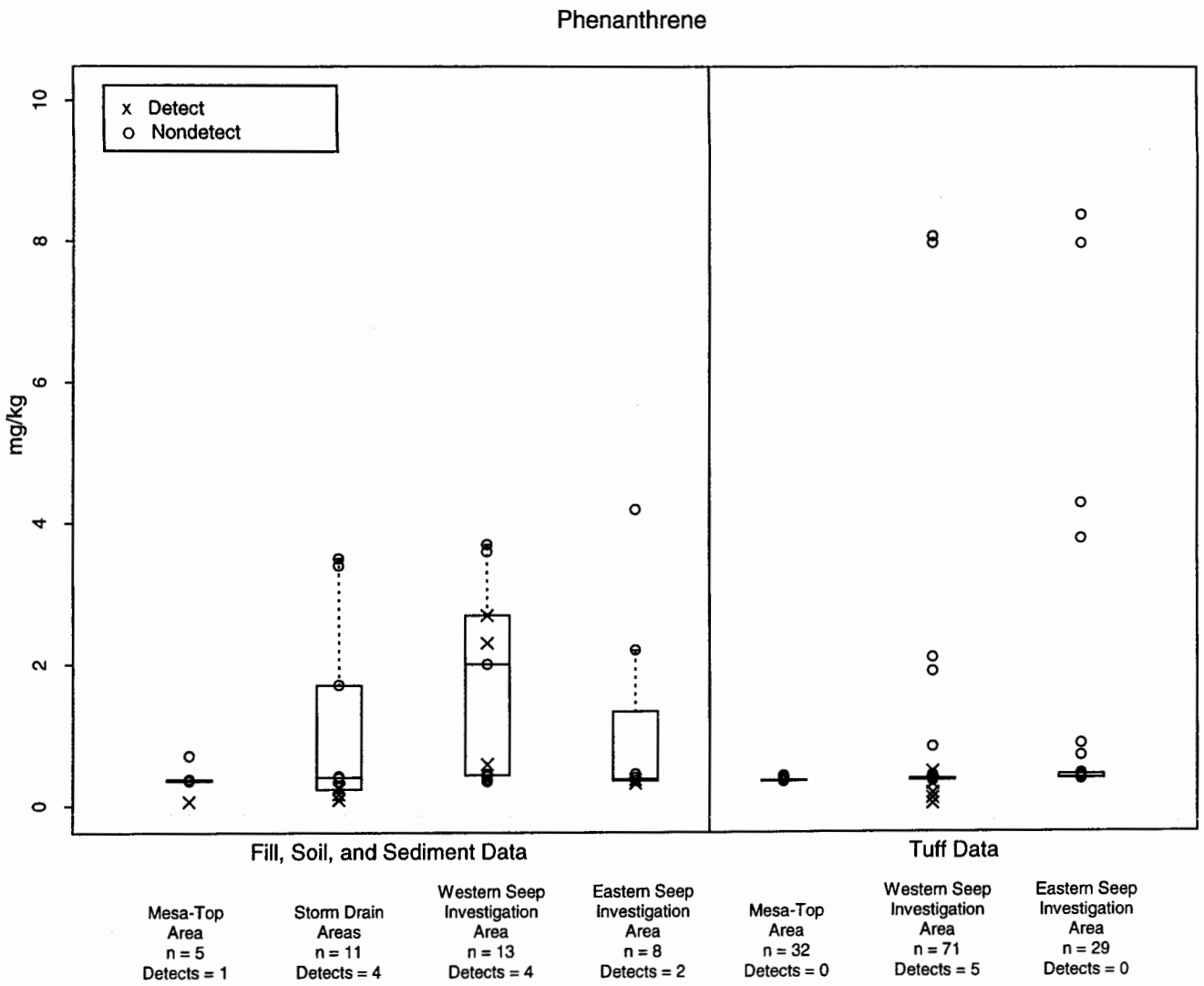


Figure E-18. Box plots of fill, soil, sediment, and tuff data for phenanthrene at DP Tank Farm

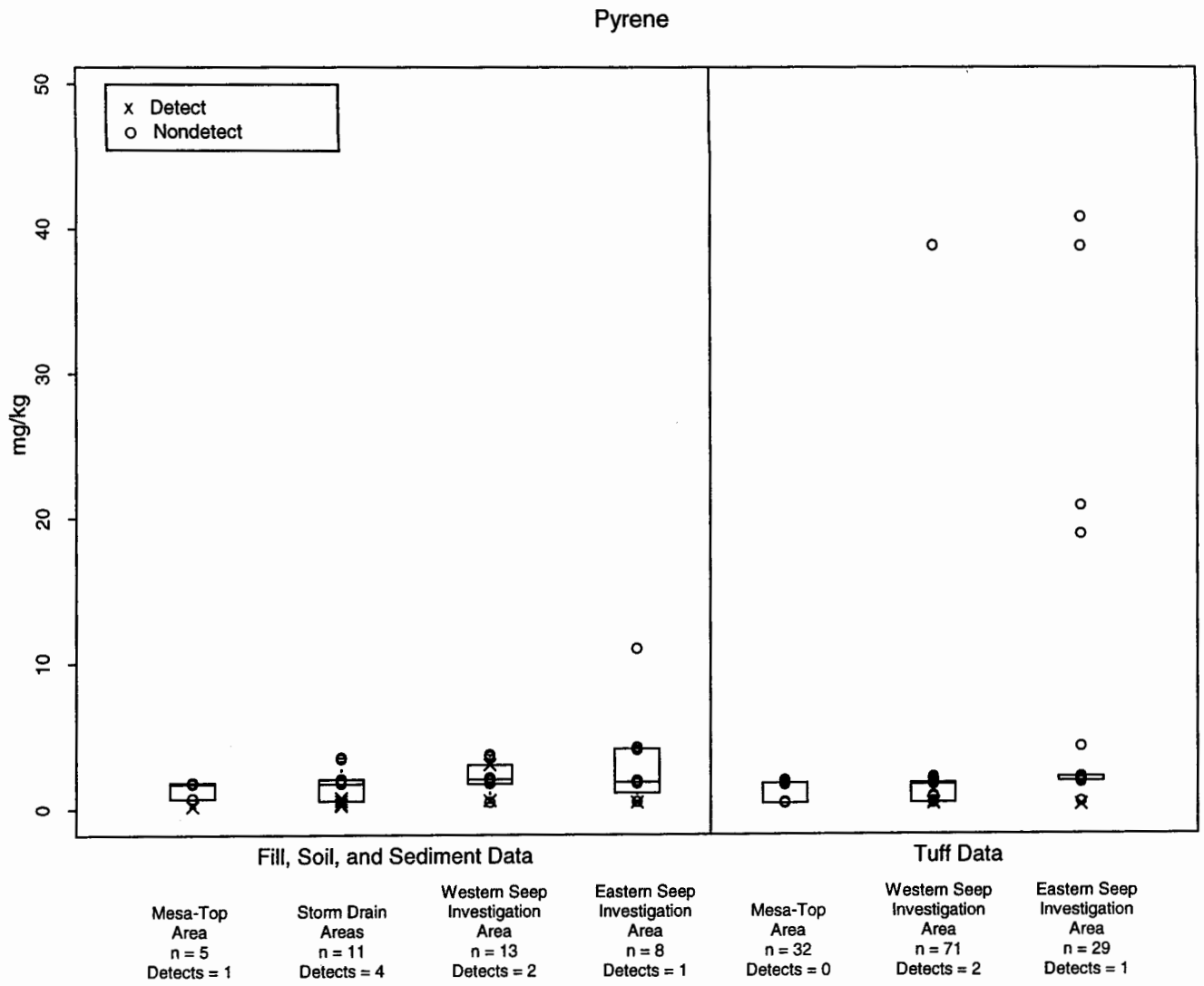


Figure E-19. Box plots of fill, soil, sediment, and tuff data for pyrene at DP Tank Farm

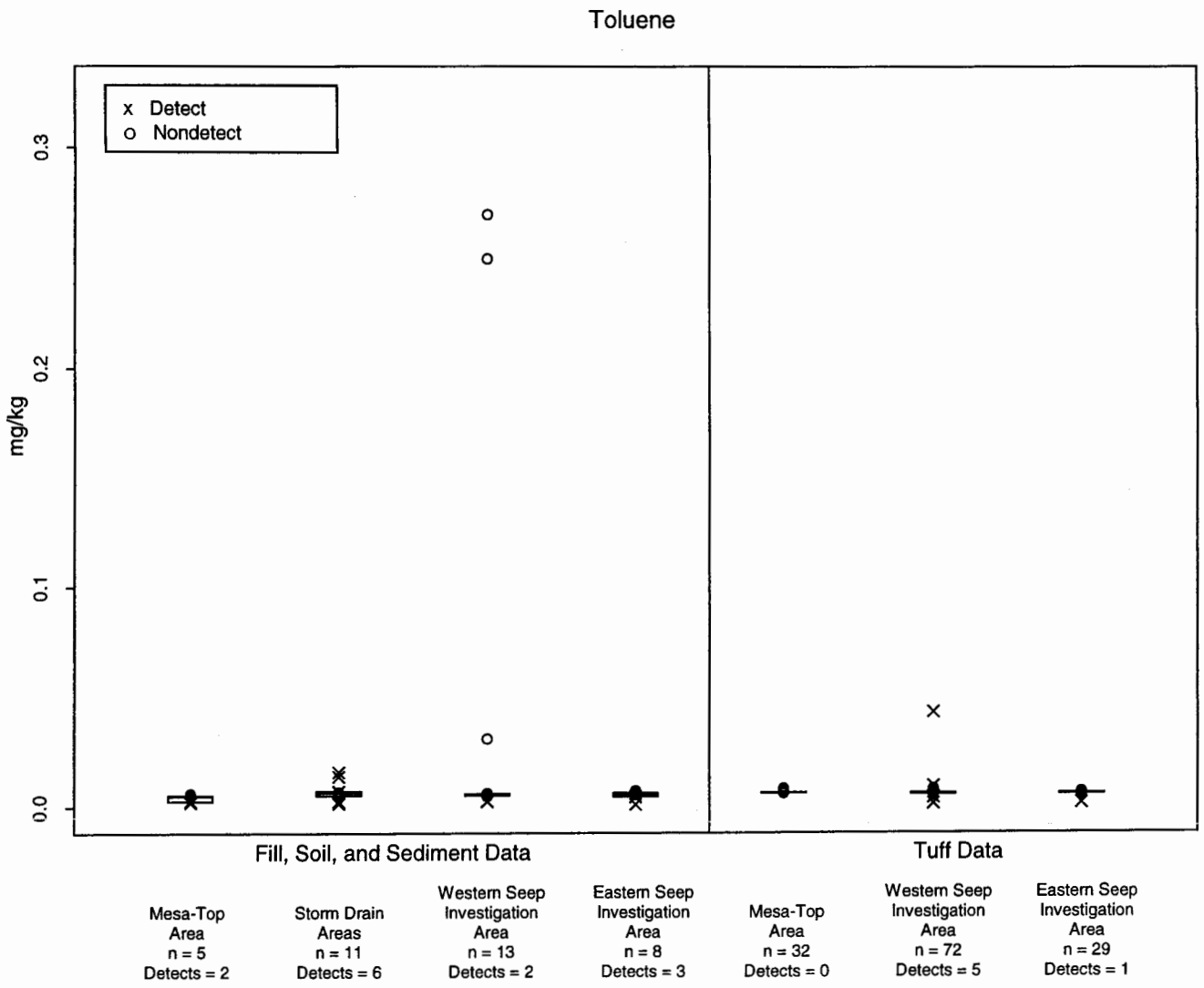


Figure E-20. Box plots of fill, soil, sediment, and tuff data for toluene at DP Tank Farm

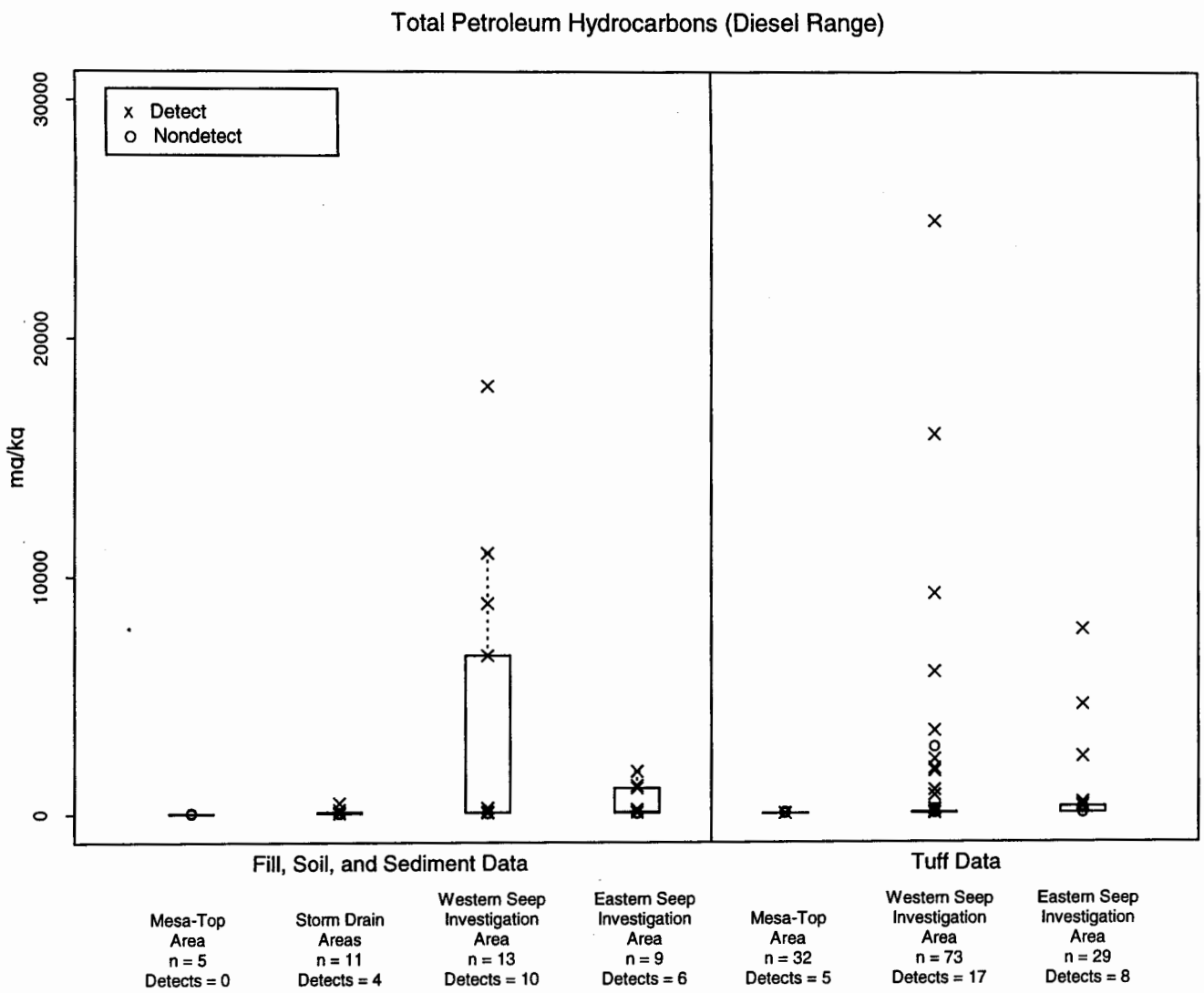


Figure E-21. Box plots of fill, soil, sediment, and tuff data for total petroleum hydrocarbons (diesel range) at DP Tank Farm

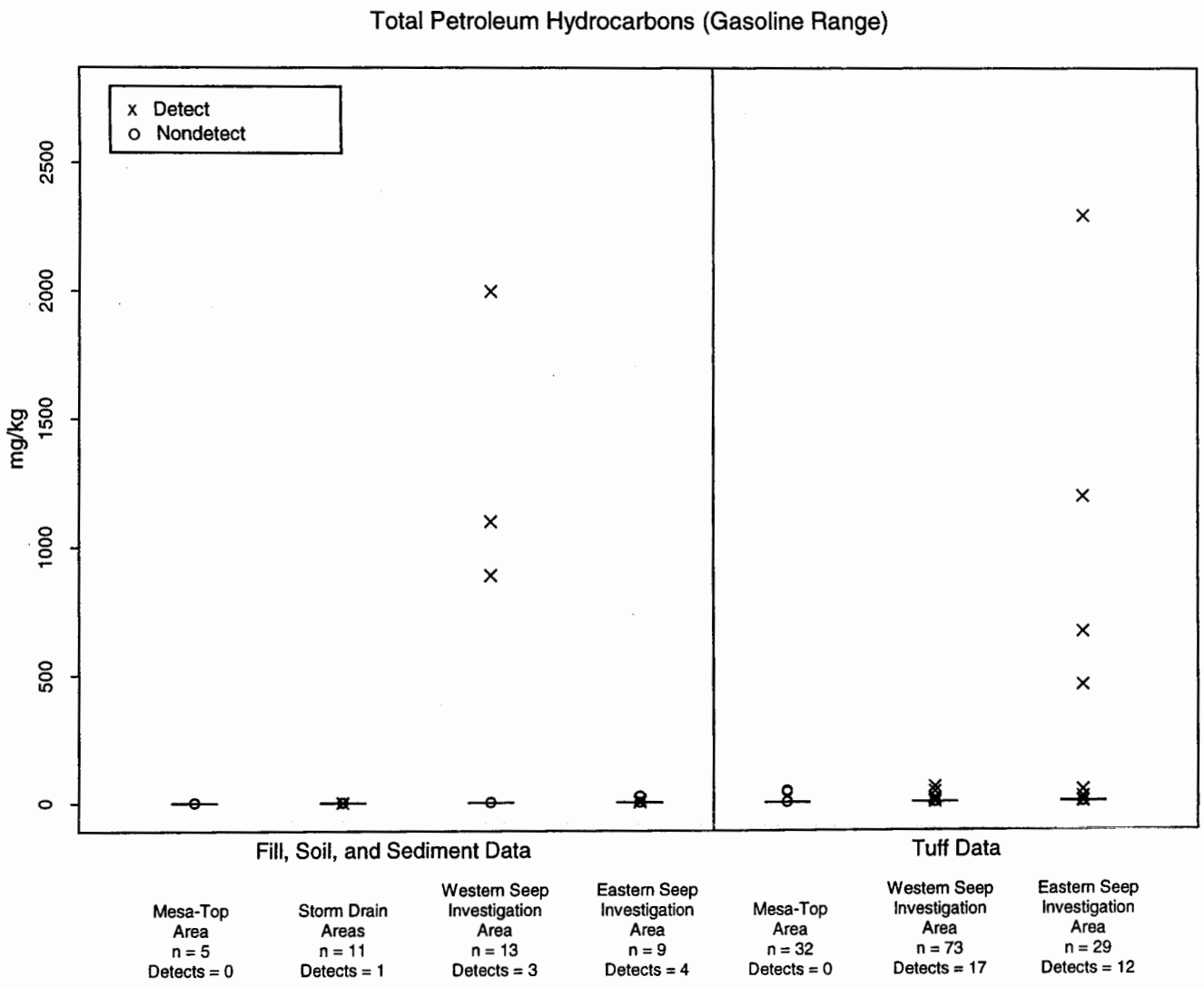


Figure E-22. Box plots of fill, soil, sediment, and tuff data for total petroleum hydrocarbons (gasoline range) at DP Tank Farm

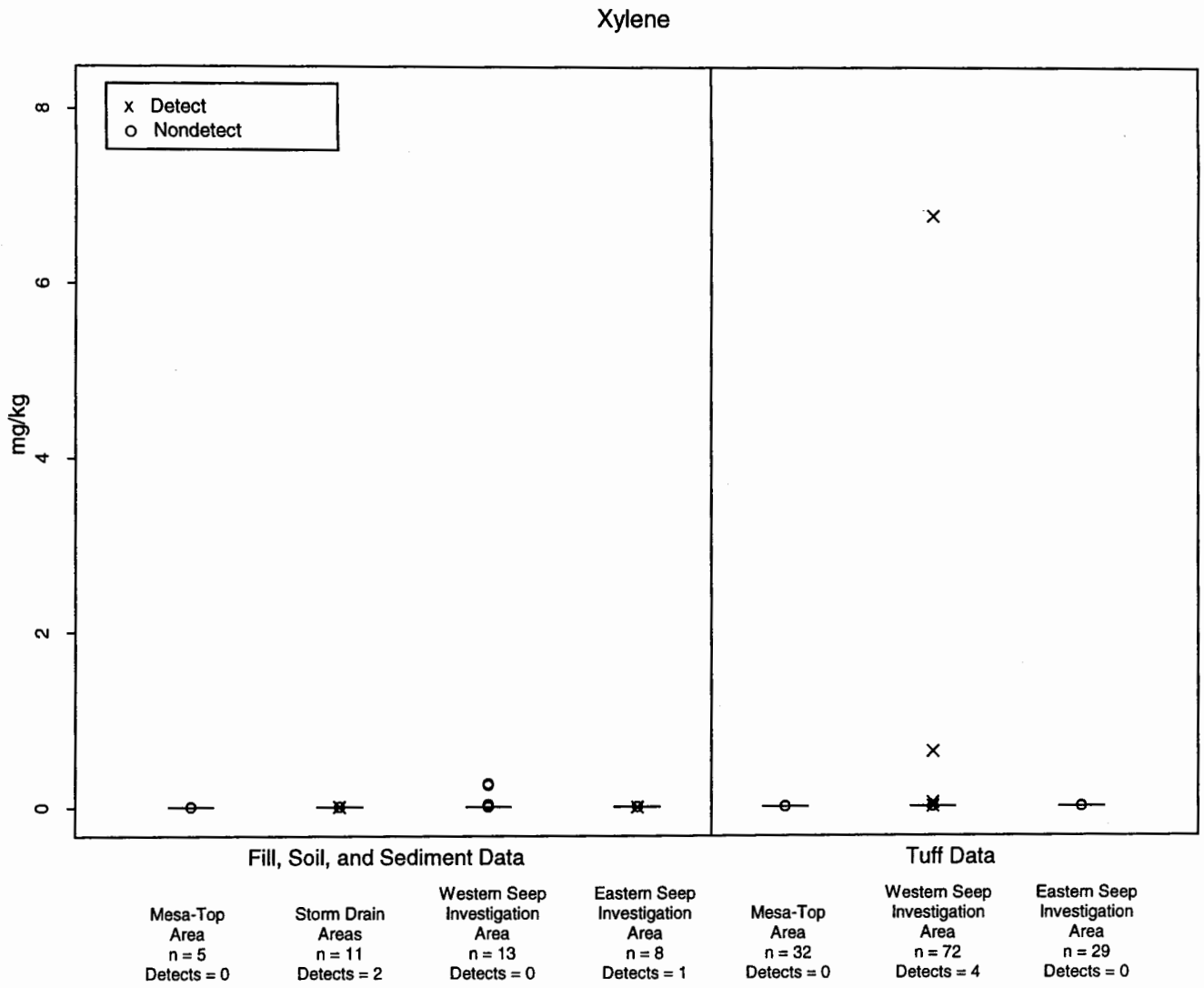


Figure E-23. Box plots of fill, soil, sediment, and tuff data for total xylene at DP Tank Farm

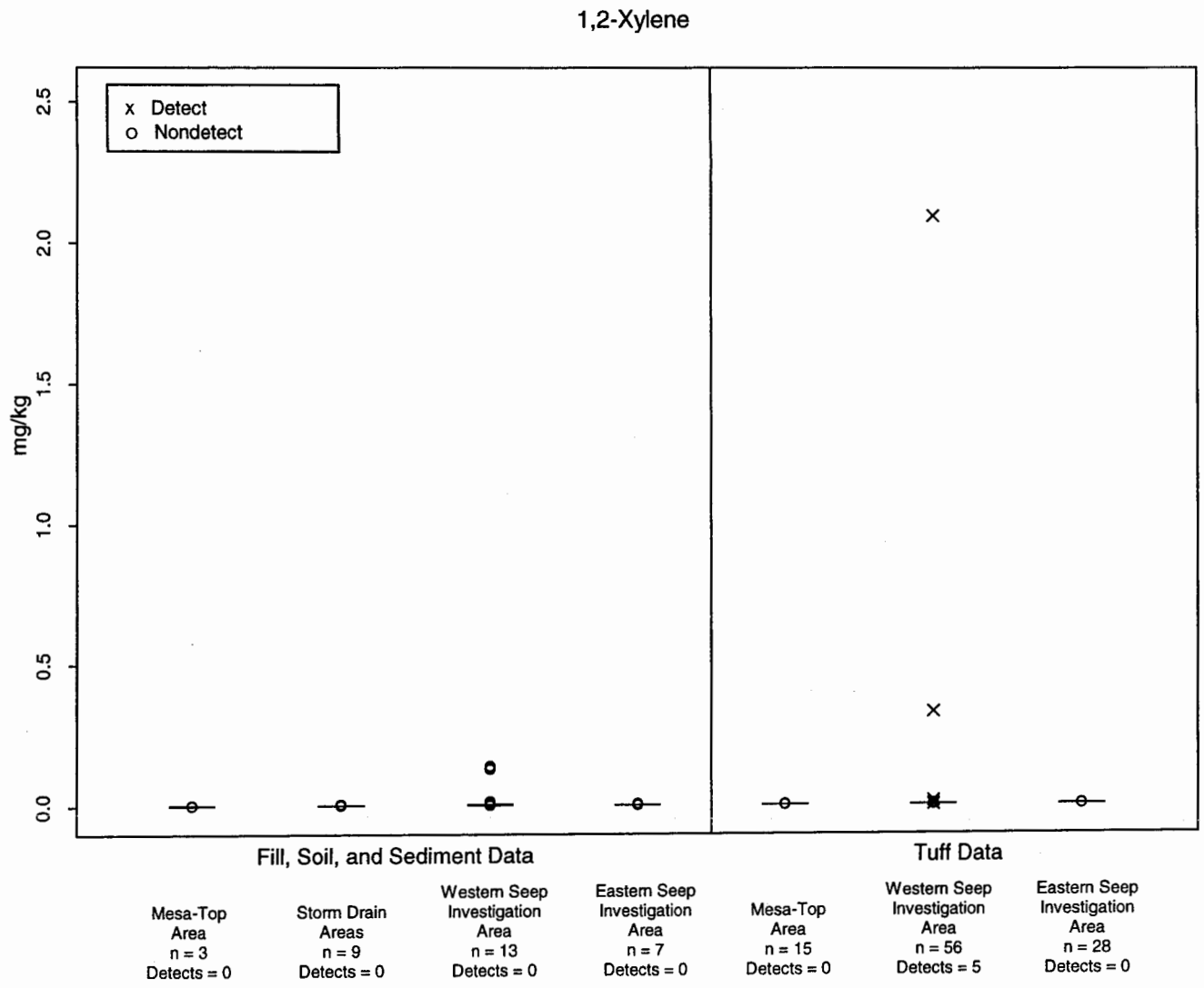


Figure E-24. Box plots of fill, soil, sediment, and tuff data for 1,2-xylene at DP Tank Farm

Appendix F

Ecological Scoping Checklist

APPENDIX F ECOLOGICAL SCOPING CHECKLIST

F-1.0 Part A—Scoping Meeting Documentation

Site ID	Potential Release Site 21-029	
Form of Site Releases (solid, liquid, vapor) Describe all relevant known or suspected mechanisms of release (spills, dumping, material disposal, outfall, explosive testing) and describe potential areas of release. Reference locations on a map, as appropriate.	Petroleum products, including diesel fuel, gasoline, ethanol, and fuel oil, spilled onto the ground or leaked into the subsurface. Subsurface leaks believed to stem from faulty plumbing and not from the underground storage tanks (USTs) themselves. Areas primarily impacted are Western and Eastern Fill Stations, the latter of which has been remediated in a previous voluntary corrective action.	
List of Primary Impacted Media Indicate all that apply.	Surface soil	Surface soil/fill likely impacted from spills, recontouring with deeper material
	Surface water/sediment	Not applicable
	Subsurface	Subsurface soil potentially impacted by UST leaks
	Groundwater	Not applicable
	Other, explain	No surface water or source to groundwater exists.
Facility for Information Management, Analysis, and Display (FIMAD) Vegetation Class Based on Arcview Vegetation Coverage Indicate all that apply.	Water	Not applicable
	Bare ground/unvegetated	Not applicable
	Spruce/fir/aspen/mixed conifer	Not applicable
	Ponderosa pine	Ponderosa pine dominant in predevelopment conditions
	Piñon juniper/juniper savannah	Not applicable
	Grassland/shrubland	Area is currently grassland/shrubland
	Developed	Not applicable
Is threatened and endangered (T&E) species habitat present? If applicable, list species known or suspected to use the site for breeding or foraging.	Potential release site (PRS) location information was intersected with T&E species habitat using the Geographical Information System. The mesa top is in the vicinity of potential Mexican spotted owl nesting habitat, about 300 ft away from potential habitat in Los Alamos Canyon and about 600 ft away from potential habitat in Pueblo Canyon. The mesa top is entirely within an area in which the Mexican spotted owl can be conservatively assumed to forage at a relatively high frequency. The PRS is also within an area in which the bald eagle is assumed to forage at a relatively low frequency.	
Provide a list of neighboring/ contiguous/ upgradient sites; include a brief summary of chemicals of potential concern (COPCs) and the form of releases for relevant sites and reference a map, as appropriate. Use this information to evaluate the need to aggregate sites for screening.	The site is bordered by the Knights of Columbus Hall to the west, DP Canyon and condominiums to the north, DP Road fire station to the east, and DP Road to the south. Commercial development exists within several hundred feet to the east and west.	

Surface Water Erosion Potential Information Summarize information from Standard Operating Procedure (SOP) 2.01, Rev. 0, "Surface Water Site Assessments," including the runoff subscore (maximum of 46), terminal point of surface water transport, slope, and surface water run-on sources.	PRS 21-029 has an erosion matrix score of 56.6 (out of 100). The factors (i.e., the runoff subscore) affecting surface water runoff combined account for 46 of 46 points. Runoff terminates into DP Canyon by sheet flow processes. One gully provides visible evidence of where surface water runoff collects and discharges off the mesa top into DP Canyon below, but the majority of the runoff is not causing observed erosion. (See attachment in Appendix B, Surface Water Assessment Erosion Matrix for PRS 21-029.)
Other Scoping Meeting Notes	The DP Tank Farm mesa-top area that is enclosed within the fence line defines the boundaries of this assessment.

F-2.0 Part B—Site Visit Documentation

Site ID	**PRS 21-029, DP Tank Farm, Mesa Top**
Date of Site Visit	August 24, 2001
Site Visit Conducted by	Jim Markwiese, Randy Ryti, Tom Stockton, Steve Veenis, Joe Sena

Receptor Information

Estimate Cover	Relative vegetative cover (high, medium, low, none) = High Relative wetland cover (high, medium, low, none) = Not applicable 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	Not applicable
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.	Not applicable (See comments Part A, T&E habitat)
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 soils are exposed in a few patches, but they primarily support a continuous cover of grasses and forbs, which are characteristic of a disturbed area undergoing secondary succession. Elms, with scattered pines and junipers, surround the area. The canyon habitat to the north is dominated by ponderosa pine and Gambell oak. Signs of animal life on the mesa top include evidence of small mammal usage, including scattered gopher burrowing and observed passerines.

Contaminant Transport Information

Surface Water Transport Field notes should summarize the erosion potential, including a discussion of the terminal point of surface water transport, if applicable.	Not applicable (See comments Part A, Surface Water Erosion Potential Information)
Are there any off-site transport pathways (surface water, air, or groundwater)? (yes/no/uncertain)	No. Vegetation allows for negligible entrainment of dust in air. Depth to groundwater in the main aquifer is about 1200 ft, and DP Spring is about a mile to the east.

Is an interim action (IA) needed to limit off-site transport? (yes/no/uncertain) Provide explanation/ recommendation for IA to project lead.	The overall site is mostly stable (SOP 2.01, Appendix B). The one location of gully erosion can be easily repaired, and run-on flow could be dissipated to mitigate future erosion potential at the site.

Ecological Effects Information

Physical Disturbance Provide list of major types of disturbances, including erosion and construction activities; review historical aerial photos where appropriate.	Historical disturbances include installment and removal of the tanks and the soil removal and replacement associated with these construction/decommissioning activities and with previous remedial actions. The extent of these activities has resulted in fill material representing large areas of the surface soil at the site.
Are there obvious ecological effects? (yes/no/uncertain) Provide an explanation and apparent cause (e.g., contamination, physical disturbance, other).	No. Signs of stress on the mesa plant life are not apparent. Stressors on wildlife do not appear to be significant either as there are abundant signs of wildlife using the area.
Is an IA needed to limit apparent ecological effects? (yes/no/uncertain) Provide explanation and recommendations for IA to mitigate apparent exposure pathways to project lead.	Not applicable

No Exposure/Transport Pathways

If there are no complete exposure pathways to ecological receptors on site and no transport pathways to off-site receptors, the remainder of the checklist should not be completed. Stop here, and provide additional explanation/justification for proposing an ecological no further action recommendation (if needed). At a minimum, the potential for future transport should include likelihood that future construction activities could make contamination more available for exposure or transport.

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. Residual hydrocarbons associated with filling station activities and underground storage of fuels are the nature of contamination. Mesa-top soils and fill within the assessment boundary include material collected in the area surrounding the former tanks in the western portion of the site. Given the fill material's proximity to the tanks, the historical releases ought to represent a worst-case exposure estimate and could reasonably be expected to capture the maximum COPC concentrations. Slightly higher concentrations were observed in drainage areas, so fill data within site boundaries were augmented with drainage data to provide adequate coverage spatially and with regard to capturing the maximum concentration.

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. Existing data address the potential for surficial transport of site contaminants off the mesa top (see above).

Additional Field Notes

Provide additional field notes on the site setting and potential ecological receptors.

F-3.0 Part C—Ecological Pathways Conceptual Exposure Model

Provide answers to Questions A to V to develop the Ecological Pathways Conceptual Exposure Model

Question A

Could soil contaminants reach receptors by way of 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: Several UST-related analytes are volatile organic chemicals (VOCs) (e.g., BTEX [benzene, toluene, ethylbenzene, xylene]). Although concentrations of volatile organic carbon analytes were highest in surface soils, these VOCs were generally detected infrequently and at low concentrations. The rapid loss of VOCs from surface soil makes this a minor exposure pathway in general.

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):

Provide explanation: The potential for dust entrainment in air is minimized by ample vegetative cover on the mesa top. However, there is ample evidence of gopher burrowing. COPCs were detected in the first foot of sample material. Dust inhalation could be a likely pathway for fossorial mammals.

Question C

Can contaminated soil be transported to aquatic ecological communities? (use SOP 2.01, Rev. 0, "Surface Water Site Assessments," run-off score and terminal point of surface water runoff to help answer this question)?

- *If the SOP 2.01 runoff score* for each PRS 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): Likely

Provide explanation: Contaminated soil could be transported off the mesa top (See response to Part A, Surface Water Erosion Potential Information). However, the canyon bottom is outside of the assessment boundary; only the mesa top is under consideration. There is no aquatic habitat on the mesa top. Therefore, aquatic community impacts are not considered in this assessment.

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 by way of 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 nearest spring, DP Spring, is 1 mile or more away, and no residual petroleum products have been found in discharge from that spring.

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 by way of 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: Depth to the main aquifer at this site is about 1200 ft, and no drivers remain to push petroleum product residues. The lack of petroleum product in DP Spring samples indicates that no large-scale transport to shallower groundwater is occurring. There is no evidence of petroleum products being transported downstream into DP Canyon where there is a perched aquifer.

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: Vegetative cover overlies subsurface contamination. While surface erosion is likely, subsurface erosion is an unlikely release mechanism.

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: 2

Terrestrial Animals: 3

Provide explanation: VOCs associated with UST contamination were detected in surficial fill material on the mesa top. These could represent a pathway for burrowing animals, but volatiles are typically lost rapidly from surface soils.

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 by way of inhalation of fugitive dust is particularly applicable to ground-dwelling species that would be exposed to dust disturbed by their foraging or burrowing activities or by wind movement.*

Provide quantification of exposure pathway (0 = no pathway, 1 = unlikely pathway, 2 = minor pathway, 3 = major pathway).

Terrestrial Plants: 2

Terrestrial Animals: 3

Provide explanation: Ground cover should minimize entrainment of dust particles, and a pathway to above-ground receptors is likely minor. Dust could, however, be a major pathway for fossorial animals.

Question I

Could contaminants interact with plants through root uptake or rain splash from surficial soils?

- *Contaminants in bulk soil may partition into soil solution, making them available to roots.*
- *Exposure of terrestrial plants to contaminants present in particulates deposited on leaf and stem surfaces by rain striking contaminated soils (i.e., rain splash)*

Provide quantification of exposure pathway (0 = no pathway, 1 = unlikely pathway, 2 = minor pathway, 3 = major pathway).

Terrestrial Plants: 2

Provide explanation: Volatile UST-related contaminants could be available to roots by way of partitioning into soil solution. The polyaromatic hydrocarbons associated with UST contamination are unlikely to enter an aqueous phase given their inherent hydrophobicity. Rain splash could represent a minor contaminant transport pathway.

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: 3

Provide explanation: Several UST-related constituents are known bioaccumulators. The presence of bioaccumulators in surficial soils makes possible the transport and bioaccumulation of contaminants through terrestrial pathways. While fill material can extend to 10 ft in places, surficial soils are generally shallow (1 ft to 2 ft) on the mesa top. Tuff underlies soils, and the exposure to contaminants in subsurface tuff is unlikely.

Question K

Could contaminants interact with receptors by way of 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: 3

Provide explanation: Contaminants could interact with receptors by way of incidental ingestion of surficial soils and through grooming themselves clean of soil. While fill material can extend to 10 ft in places,

surficial soils are generally shallow (1 ft to 2 ft) on the mesa top. Tuff underlies soils, and the exposure to contaminants in subsurface tuff is unlikely.

Question L

Could contaminants interact with receptors through dermal contact with surficial soils?

- *Significant exposure by way of 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: 3

Provide explanation: The majority of UST-related analytes are organic contaminants that are lipophilic and can cross epidermal barriers. This makes exposure by way of dermal contact with surficial soils a major pathway. While fill material can extend to 10 ft in places, surficial soils are generally shallow (1 ft to 2 ft) on the mesa top. Tuff underlies soils, and the exposure to contaminants in subsurface tuff is unlikely.

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: 0

Provide explanation: Radionuclides were detected at 93 ft below ground surface in solid tuff. It is improbable that receptors will come into contact with contaminants at this depth in tuff material.

Question N

Could contaminants interact with plants through direct uptake from water and sediment or sediment rain splash?

- *Contaminants may be taken up by terrestrial plants whose roots are in contact with surface waters.*
- *Terrestrial plants may be exposed to particulates deposited on leaf and stem surfaces by rain striking contaminated sediments (i.e., rain splash) in an area that is only periodically inundated with water.*
- *Contaminants in sediment may partition into soil solution, making them available to roots.*

Provide quantification of exposure pathway (0 = no pathway, 1 = unlikely pathway, 2 = minor pathway, 3 = major pathway).

Terrestrial Plants: 0

Provide explanation: No aquatic environment exists on the mesa top.

Question O

Could contaminants interact with receptors through food web transport from water and sediment?

- *The chemicals may bioconcentrate in food items.*
- *Animals may ingest contaminated food items.*

Provide quantification of exposure pathway (0 = no pathway, 1 = unlikely pathway, 2 = minor pathway, 3 = major pathway).

Terrestrial Animals: 0

Provide explanation: No aquatic environment exists on the mesa top.

Question P

Could contaminants interact with receptors by way of ingestion of water and suspended sediments?

- *If sediments are present in an area that is only periodically inundated with water, terrestrial receptors may incidentally ingest sediments.*
- *Terrestrial receptors may ingest water-borne contaminants if contaminated surface waters are used as a drinking water source.*

Provide quantification of exposure pathway (0 = no pathway, 1 = unlikely pathway, 2 = minor pathway, 3 = major pathway).

Terrestrial Animals: 0

Provide explanation: No aquatic environment exists on the mesa top.

Question Q

Could contaminants interact with receptors through dermal contact with water and sediment?

- *If sediments are present in an area that is only periodically inundated with water, terrestrial species may be dermally exposed during dry periods.*
- *Terrestrial organisms may be dermally exposed to water-borne contaminants as a result of wading or swimming in contaminated waters.*

Provide quantification of exposure pathway (0 = no pathway, 1 = unlikely pathway, 2 = minor pathway, 3 =major pathway).

Terrestrial Animals: 0

Provide explanation: No aquatic environment exists on the mesa top.

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: 0

Terrestrial Animals: 0

Provide explanation: Radionuclides were detected at 93 ft below ground surface in solid tuff. It is improbable that receptors will come into contact with contaminants at this depth in tuff material.

Question S

Could contaminants bioconcentrate in free-floating aquatic plants, 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: No aquatic environment exists on the mesa top.

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: No aquatic environment exists on the mesa top.

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: No aquatic environment exists on the mesa top.

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).

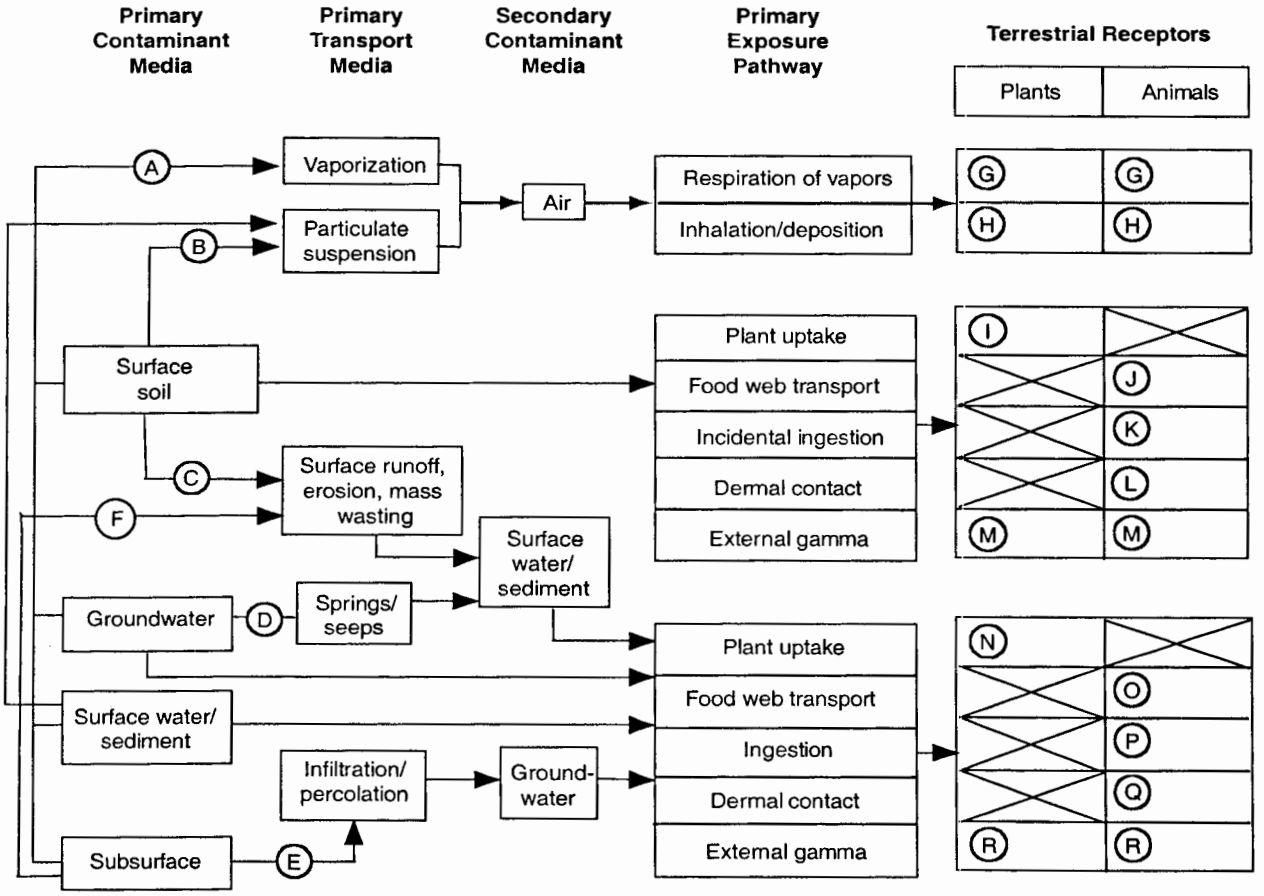
Aquatic Plants: 0

Aquatic Animals: 0

Provide explanation: No aquatic environment exists on the mesa top.

Ecological Scoping Checklist
Terrestrial Receptors
Ecological Pathways Conceptual Exposure Model

NOTE: Letters in circles refer to questions on the scoping checklist.



Signatures and certifications

Checklist completed by (provide name, organization and phone number):

Name (printed): Jim Markwiese

Name (signature):

Organization: Neptune and Company

Phone number: 505-662-0707 (extension 24)

Date completed: August 30, 2001

Verification by a member of ER Project Ecological Risk Task Team (provide name, organization and phone number)

Name (printed):

Name (signature):

Organization:

Phone number:

Appendix G

Relevant Documents

APPENDIX G RELEVANT DOCUMENTS

G-1.0 DOCUMENTATION OF REGULATORY HISTORY

The following is a summary of the corrective action history for Potential Release Site (PRS) 21-029, DP Tank Farm, at Technical Area (TA) 21. It includes notices of deficiencies (NODs) and/or determination, responses to NODs, modifications to Resource Conservation and Recovery Act (RCRA) facility investigation (RFI) documents, other administrative authority actions, and each Los Alamos National Laboratory (the Laboratory) response.

1. *October 7, 1980.* The chief of the Supply and Transportation Division informed DOE LAAO, about the condition of the tanks (Bend 1980, 3688).
2. *October 24, 1983.* Carol Paxton, Engineering Services, summarized the condition of the tanks and containment for oil spills for DOE LAAO (Paxton 1983, 698).
3. *March 14, 1985.* A. John Ahlquist, HSE-8, sent a memorandum about soil sampling at DP Tank Farm to Wayne Hansen, associate HSE division leader (Ahlquist 1985, 1635).
4. *May 21, 1985.* T. Gunderson, HSE-8 group leader, sent a memorandum concerning disposition of the tanks to J. Aragon, HSE division leader (Gunderson 1985, 1631).
5. *January 9, 1992.* The RFI work plan for TA-21 was approved by the EPA (Davis 1992, 1580).
6. *Undated.* A. J. Ahlquist sent a memorandum concerning removal of tanks from DP Tank Farm to W. Hansen (Ahlquist undated, 57848).
7. *August 13, 1993.* W. Francis summarized the history of the development of DP Tank Farm (Francis 1993, 40772).
8. *August 18, 1993.* W. Francis summarized the results of his search for any Laboratory-related activity north of DP Road and east of the fire station (Francis 1993, 40773).
9. *December 6, 1993.* W. Francis documents more information on the configuration of the DP Tank Farm site (Francis 1993, 58987).
10. *April 28, 1995.* NMED confirmed they received the notice of a release (Moreland 1995, 71031).
11. *May 19, 1995.* The Laboratory provided the New Mexico Surface Water Quality Bureau with a data package containing additional information associated with the release of diesel fuel at SWMU 21-029 (Rae 1995, 71039).
12. *May 24, 1995.* Thirty-day report on soil contamination at DP Tank Farm submitted to NMED (Carmichael 1995, 46446).
13. *May 30, 1995.* Technical memorandum sent to EPA Region 6 documented the results of RFI activities at DP Tank Farm during the summer of 1994 and provided a sampling plan for continued investigation (Jansen and Taylor 1995, 46656).
14. *June 9, 1995.* Memorandum written to confirm that a 30-day extension had been granted for submitting the investigation report regarding the release at DP Tank Farm (Carmichael 1995, 48413).
15. *June 28, 1995.* NMED requested that water and soil samples be collected near the hydrocarbon seep and downstream (Decker 1995, 71032).

16. *July 11, 1995.* Forty-five-day report on soil contamination at DP Tank Farm submitted to NMED (Carmichael 1995, 71040).
17. *November 2, 1995.* EPA approved the technical memorandum dated May 30, 1995 (Driscoll 1995, 71033).
18. *November 3, 1995.* The Laboratory submitted validated data from a DP Tank Farm investigation to NMED (Carmichael 1995, 70134).
19. *November 29, 1995.* The Laboratory informed EPA that a new background data set was used for the background comparison of DP Tank Farm data (Martin 1995, 55337.18).
20. *January 22, 1996.* The Laboratory submitted the RFI report for PRS 21-029, DP Tank Farm (Jansen and Taylor 1996, 52271).
21. *February 8, 1996.* The Laboratory summarized, in a memorandum to NMED, the results of an investigation on the ephemeral watercourse adjacent to DP Tank Farm (Rae 1996, 71035).
22. *April 10, 1996.* The Laboratory submitted the VCA plan for PRS 21-029, DP Tank Farm, to NMED (Jansen and Taylor 1996, 54493).
23. *July 1, 1996.* NMED informed DOE LAAO that they could not concur with the request for no further action at DP Tank Farm (Garcia 1996, 55337.22).
24. *July 16, 1996.* Listing of documents was prepared, as requested by NMED (Faulk 1996, 71036).
25. *July 1996.* Biological assessment for TA-21 is completed (Bennett 1996, 58236).
26. *August 12, 1996.* The Laboratory submitted the VCA completion report for DP Tank Farm to NMED (Jansen and Taylor 1996, 55010).
27. *September 10, 1996.* Memorandum summarizing site visit to DP Tank Farm sent to NMED (Carmichael 1996, 64185).
28. *April 29, 1997.* Surface Water Quality Bureau recommended that the DP Tank Farm site not be granted NFA and that the seep and its source be removed from the watercourse (Saums 1997, 70137).
29. *June 12, 1997.* NMED denies approval of the RFI report for DP Tank Farm and requires submittal of a SAP within 30 days (Dinwiddie 1997, 58547).
30. *July 17, 1997.* The Laboratory responded to the denial of the RFI report (Jansen and Taylor 1997, 56512).
31. *August 15, 1997.* NMED recommended the installation of rain gauges just north of DP Tank Farm and at the confluence of DP and Los Alamos Canyons (Yanicak 1997, 71038).
32. *April 14, 1998.* The Laboratory submitted the SAP for DP Canyon to NMED (Canepa and Taylor 1998, 57595).
33. *June 8, 1998.* NMED issued a compliance order for DP Tank Farm (Kelley 1998, 58548).
34. *August 26, 1998.* Data showed that DP Tank Farm contained a wider variety and mix of hydrocarbons than at any other locations on the site (Loescher 1998, 58988).
35. *August 28, 1998.* The material at the hydrocarbon sheen area in DP Canyon was identified as weathered diesel (Loescher 1998, 58989).
36. *August 31, 1998.* Some history of the site was documented in a memorandum (Cramer 1998, 58990).

37. *October 7, 1998.* DP Tank Farm work plan was delivered to NMED (Rochelle 1998, 59976).
38. *June 10, 1999.* The Laboratory confirms transmittal of payment to NMED for reviewing the DP Tank Farm work plan (Canepa 1999, 63908).
39. *June 10, 1999.* NMED receives the schedule for DP Tank Farm fieldwork and reporting (Canepa and Taylor 1999, 63909).
40. *August 9, 1999.* NMED requests supplemental information for DP Tank Farm work plan (Keiling 1999, 64724).
41. *August 27, 1999.* The Laboratory requests a 90-day extension for responding to the RSI (Canepa and Taylor 1999, 64846).
42. *October 14, 1999.* NMED USTB referred the DP Tank Farm site to HRMB because hazardous and radioactive constituents were found at the site (Goerger 1999, 64712).
43. December 13, 1999. The Laboratory submits RSI response for TA-21 RFI work plan, Volume II, DP Tank Farm (Canepa and Taylor 1999, 64829).
44. *April 26, 2000.* The Laboratory notified NMED that they would be collecting samples in DP Canyon and at DP Tank Farm in accordance with the work plan (McInroy 2000, 66734.1).
45. *May 3, 2000.* The Laboratory notified nearby business and residences of planned fieldwork (Canepa 2000, 66863).
46. *May 31, 2000.* The Laboratory resubmitted the 10-day notification because of schedule variance. (McInroy 2000, 66879).
47. *August 21, 2000.* The Laboratory proposed to drill one to three boreholes at DP Tank Farm to define extent of TPH under the western seep area. (Bertino 2001, 70121).
48. *February 1, 2001.* The Laboratory notified NMED of unapproved deviations and omissions from the approved RFI work plan (LANL 2001, 64952).
49. *March 13, 2001.* NMED responded to the February 1, 2001, memorandum (Bearzi 2001, 69919).
50. *April 12, 2001.* The Laboratory notified NMED that resampling of DP Tank Farm would take place the week of April 23, 2001 (McInroy 2001, 69871).
51. *April 16, 2001.* The Laboratory transmits a schedule to NMED for completing all remaining field work at DP Tank Farm and requests an time extension for submitting the RFI report (Canepa and Taylor 2001, 69869).
52. *April 25, 2001.* NMED approves some deviations for the analytical suite and denies the time extension for submitting the RFI report (Bearzi 2001, 70768).
53. *August 14, 2001.* NMED and the Laboratory come to an agreement on how to approach the human health and ecological screening and risk assessments in the RFI report and Phase II RFI report outline (Bertino 2001, 70120).

G-2.0 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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Appendix H

Borehole Logs

Los Alamos National Laboratory
Environmental Restoration Project
DP Tank Farm Borehole Log (PRS 21-029)

FIMAD Location ID: 21-11147 **Start Date:** 07/18/00 **End Date:** 07/19/00 **Page:** 1 of 4

Depth of Borehole: 75.0 ft bgs **Borehole Attitude:** Vertical **Coordinates:** 1775597.4N; 1628509.4E

Depth to Groundwater: Not encountered **Geologist:** Dave Davenport/LATA **Surface Elevation:** 7209.9 ft msl

Drilling Co.: Stanley Johnson/Stewart Brothers **Drilling Equipment/Method:** CME-750; continuous core by 7-in.-o.d. hollow-stem auger with 9 5/8-in. bit
Core Recovery Equipment: 3.5-in.-o.d. stainless steel split spoon

Depth (ft bgs)	Core run/recovery (#/percent)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
0	1/100	NA		NA		Qc		Colluvium: Topsoil, organic, dry
	2/100	3.0	ND/ND	NA		Qbt3		TUFF: Light gray, dry, 5% pumice lapilli to 1/4 inch, poorly welded, friable, nonindurated to slightly indurated, quartz phenocrysts.
5	3/100	NA		NA				
	4/100	3.0	ND/ND	NA				
10	5/100	NA		NA				TUFF: As above, slight increase in welding
	6/100	3.0	ND/ND	NA				
15								

Note: 21-11147 drilled during FY00 activities
Note: TPH Screening was conducted using immunoassay kits providing detection limits at 40 and 160 ppm
ppm = parts per million
α = alpha particle radiation, β/γ = beta/gamma particle radiation
ND = not detected, NA = not analyzed
NDA = no detectable activity
# = see lithologic description for TPH results from short sample intervals

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DP Tank Farm Borehole Log (PRS 21-029)

FIMAD Location ID: 21-11147 **Page:** 2 of 4

Depth (ft bgs)	Core run/recovery (#/percent)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
15	7/100	NA		NA				
	8/100	3.0	ND/ND	NA				
20	9/100	NA		NA				
	10/100	4.0	ND/ND	NA				
25	11/100	NA		NA				
	12/100	4.0	D/D	NA				
30	13/100	NA		NA				TUFF: As above, less welding, local pumice lapilli to 1/2 in.
	14/100	4.0	D/D	NA				
35								

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DP Tank Farm Borehole Log (PRS 21-029)

FIMAD Location ID: 21-11147 **Page:** 3 of 4

Depth (ft bgs)	Core run/recovery (#/percent)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
35	15/100	NA		NA				TUFF: As above, local yellow-brown 1 to 2 inch pods of clay altered tuff with phenocrysts. Iron stained horizontal fracture at 38 ft.
	16/100	3.0	D/D D/D	NA	0073			TUFF: Light gray, nonwelded, dry.
40	17/100	NA		NA				TUFF: Grey with orange brown, slightly altered
	18/100	ND	D/D	NA	0074			
45	19/100	NA		NA				
	20/100	3.0	D/D D/D	NA	0088			TUFF: Clay altered, orange brown to light gray brown, iron stained, crystal rich, roots, grainy texture, friable, slightly damp; weathered appearance
50	21/100	NA		NA				
	22/100	1.0	D/D	NA	0089			
55								

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DP Tank Farm Borehole Log (PRS 21-029)

FIMAD Location ID: 21-11147 **Page:** 4 of 4

Depth (ft bgs)	Core run/recovery (#/percent)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
55	23/100	NA		NA				TUFF: Clay altered, tan to gray, iron stained orange brown seam, dry.
	24/100	ND	ND/ND	NA	0090			
60	25/100	NA		NA				TUFF: Orange brown, iron stained, dark reddish brown 1/8 in. thick seam at 60 ft.
	26/100	ND	ND/ND	NA	0091			TUFF: Light gray, nonwelded (nonindurated), occasional orange brown seams
65	27/100	NA		NA				
	28/100	ND	ND/ND	NA	0092			TUFF: Medium gray; poorly welded (nonindurated)
70	29/100	NA		NA				
	30/100	ND	ND/ND	NA				TUFF: Light gray; poorly welded, dark tan mottlings
75								Total depth = 75.0 ft. Borehole backfilled with cuttings and capped with bentonite from 0 to 3 ft.

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DP Tank Farm Borehole Log (PRS 21-029)

FIMAD Location ID: 21-11148 **Start Date:** 07/19/00 **End Date:** 07/20/00 **Page:** 1 of 4

Depth of Borehole: 65.0 ft bgs **Borehole Attitude:** Vertical **Coordinates:** 1775625.6N; 1628432.5E

Depth to Groundwater: Not encountered **Geologist:** Dave Davenport/LATA **Surface Elevation:** 7210.7 ft msl

Drilling Co.: Stanley Johnson/Stewart Brothers **Drilling Equipment/Method:** CME-750; continuous core by 7-in.-o.d. hollow-stem auger with 9 5/8-in. bit
Core Recovery Equipment: 3.5-in.-o.d. stainless steel split spoon

Depth (ft bgs)	Core run/recovery (#/percent)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
0	1/100	ND		NA		Qc Qbt3		Colluvium: Topsoil, organic, dry. TUFF: Light gray, friable (nonindurated), dry, tan brown pumice lapilli to 1/4 in. and 10%, abundant phenocrysts.
	2/100	ND	ND/ND	NA				TUFF: As above, slight increase in welding, possible horizontal fracture from 4.0 to 5.0 ft
5	3/100	ND		NA				
	4/100	ND	ND/ND	NA				TUFF: As above, moderately welded, localized orange brown subhorizontal stringers
10	5/100	ND		NA				
	6/100	ND	ND/ND	NA				TUFF: As above, slight increase in welding.
15								

Note: 21-11148 drilled during FY00 activities
Note: TPH Screening was conducted using immunoassay kits providing detection limits at 40 and 160 ppm
ppm = parts per million
α = alpha particle radiation, β/γ = beta/gamma particle radiation
ND = not detected, NA = not analyzed
NDA = no detectable activity
# = see lithologic description for TPH results from short sample intervals

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DP Tank Farm Borehole Log (PRS 21-029)

FIMAD Location ID: 21-11148 **Page:** 2 of 4

Depth (ft bgs)	Core run/recovery (#/percent)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
15	7/100	ND		NA				
	8/100	ND	ND/ND	NA				TUFF: As above, less welded, crumbly, friable (nonindurated).
20	9/100	ND		NA				TUFF: As above, moderately welded.
	10/100	ND	ND/ND	NA				
25	11/100	ND		NA				
	12/100	ND	ND/ND	NA				
30	13/100	ND		NA				
	14/100	ND	ND/ND	NA				
35								

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FIMAD Location ID: 21-11148 **Page:** 3 of 4

Depth (ft bgs)	Core run/recovery (#/percent)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
35	15/100	ND	ND/ND ND/ND	NA				TUFF: Color change from light gray to pinkish gray, more indurated at 37.5 ft.
	16/100	ND	ND/ND	NA				
40	17/100	ND		NA				
	18/100	ND		NA				
45	19/100	ND		NA				TUFF: Brownish, local gray pumice lapilli.
	20/100	2.2	D/D	NA				
50	21/100	3.0	D/D	NA	0094			TUFF: Clay rich, weathered zone, reddish brown, dry, no odor, sanidine phenocrysts common.
	22/100	ND		NA				TUFF: Pinkish, purplish gray, less weathered
55								

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DP Tank Farm Borehole Log (PRS 21-029)

FIMAD Location ID: 21-11148 **Page:** 4 of 4

Depth (ft bgs)	Core run/recovery (#/percent)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
55	23/100	ND		NA				
	24/100	ND	D/ND	NA				
60	25/100	ND		NA				TUFF: Pinkish gray, fresh (no weathering), poorly welded, sanidine phenocrysts to 5 percent.
	26/100	ND	ND/ND	NA	0095			
65								Total depth = 65.0 ft. Borehole backfilled with cuttings and capped with bentonite from 0 to 3 ft.

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DP Tank Farm Borehole Log (PRS 21-029)

FIMAD Location ID: 21-11150 **Start Date:** 07/25/00 **End Date:** 07/26/00 **Page:** 1 of 6

Depth of Borehole: 108.5 ft bgs **Borehole Attitude:** Vertical **Coordinates:** 1775444.2N; 1628431.6E

Depth to Groundwater: Not encountered **Geologist:** Dave Davenport/LATA **Surface Elevation:** 7229.2 ft msl

Drilling Co.: Stanley Johnson/Stewart Brothers **Drilling Equipment/Method:** CME-750; continuous core by 7-in.-o.d. hollow-stem auger with 9 5/8-in. bit
Core Recovery Equipment: 3.5-in.-o.d. stainless steel split spoon

Depth (ft bgs)	Core run/recovery (#/percent)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
0	1/100	NA		NA		Soil		Topsoil, dry, dark brown red, sandy organic loam, earthy odor.
	2/100	NA	ND/ND	NA		Fill		Fill: Zone with asphalt, cobbles.
5	3/100	NA		NA				Fill: Zone with light gray, weathered tuff
	4/100	NA	ND/ND	NA				Fill: Soil, clay rich, heavy reddish brown, strong clay films, no odor, roots, abundant sanidine crystals.
10	5/100	NA		NA				
	6/100	NA	ND/ND	NA				Fill: Silty clay, reddish brown with coarse sand and fine gravels.
15								

Note: 21-11150 drilled during FY00 activities
Note: TPH Screening was conducted using immunoassay kits providing detection limits at 40 and 160 ppm
ppm = parts per million
α = alpha particle radiation, β/γ = beta/gamma particle radiation
ND = not detected, NA = not analyzed
NDA = no detectable activity
# = see lithologic description for TPH results from short sample intervals

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DP Tank Farm Borehole Log (PRS 21-029)

FIMAD Location ID: 21-11150 **Page:** 2 of 6

Depth (ft bgs)	Core run/recovery (#/percent)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
15	7/100	NA		NA				
	8/100	NA	ND/ND	NA		Qbt3		TUFF: Tuff, light gray, loose, friable (nonindurated to slightly indurated), local thin subhorizontal zone 1 mm thick.
20	9/100	NA		NA				
	10/100	NA	ND/ND	NA				TUFF: As above, light purplish gray, common sanidine phenocrysts and pumice lapilli.
25	11/100	NA		NA				TUFF: As above, light purplish gray, slightly indurated.
	12/100	NA	ND/ND	NA				TUFF: As above, few reddish tan mottles, slight hydrocarbon odor from 27.5 to 30 ft.
30	13/100	NA		NA				TUFF: As above, abundant crystal phenocrysts, few tan weathered zones.
	14/100	NA	ND/ND	NA				TUFF: Light purplish gray, moderately indurated, very competent, abundant sanidine phenocrysts and lithics.
35								

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DP Tank Farm Borehole Log (PRS 21-029)

FIMAD Location ID: 21-11150 **Page:** 3 of 6

Depth (ft bgs)	Core run/recovery (#/percent)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
35	15/100	NA		NA				TUFF: As above, slightly less indurated, strong odor
	16/100	ND	ND/ND	NA				TUFF: As above, slight odor
40	17/100	ND		NA				TUFF: As above, no odor
	18/100	ND	ND/ND	NA				
45	19/100	ND		NA				TUFF: Light gray, slightly indurated, abundant lithics and weathered brown pumice, slight odor.
	20/100	ND	ND/ND	NA				TUFF: As above, no odor.
50	21/100	NA		NA				TUFF: As above, tan weathering streaks, few hard clasts at 52 ft, clay filled horizontal fracture at 53.5 ft, more weathered zones at 55 ft, no odor
	22/100	0.6	ND/ND	NA				
55								

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DP Tank Farm Borehole Log (PRS 21-029)

FIMAD Location ID: 21-11150 **Page:** 4 of 6

Depth (ft bgs)	Core run/recovery (#/percent)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
55	23/100	1.0		NA	0101			TUFF: As above, abundant large pumice lapilli, weathered brown, very thin fractures at 59 and 60 ft, less indurated and clay films at 60 ft, no odor
	24/100	0.6	ND/ND	NA				
60	25/100	ND		NA				TUFF: As above, very light gray, weathered zone from 60.5 to 60.8 ft is light reddish brown sandy clay, less indurated and thick weathered zone of brown sandy clay at 64 ft.
	26/100	1.0	ND/ND	NA				
65	27/100	ND		NA				TUFF: Color change to light reddish brown throughout with some clay film.
	28/100	1.0	ND/ND	NA				TUFF: As above, decrease in weathered zones
70	29/100	0.2		NA				TUFF: Light gray, friable (nonindurated) abundant crystal phenocrysts, few discontinuous thin weathered zones
	30/100	1.2	ND/ND	NA				TUFF: Very light gray, very friable, no weathered zones, nonindurated
75								

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DP Tank Farm Borehole Log (PRS 21-029)

FIMAD Location ID: 21-11150 **Page:** 5 of 6

Depth (ft bgs)	Core run/recovery (#/percent)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
75	31/100	ND		NA				
	32/100	ND	ND/ND	NA				
80	33/100	ND		NA				
	34/100	ND	ND/ND	NA				TUFF: As above, occasional thin clay stringers noted up to 87.5 ft
85	35/100	ND		NA				
	36/100	1.6	ND/ND	NA				
90	37/100	NA		NA				
	38/100	ND	ND/ND	NA				TUFF: Slightly indurated, phenocrysts are reddish brown (Fe stained).
95								

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FIMAD Location ID: 21-11150 **Page:** 6 of 6

Depth (ft bgs)	Core run/recovery (#/percent)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
95	39/100	ND		NA				
	40/100	ND	ND/ND	NA				
100	41/100	0.2		NA				TUFF: As above, light gray, moderately indurated.
	42/100	0.4	ND/ND	NA				
105	43/100	0.2		NA				
	44/100	0.9	ND/ND	NA	0102	Qbt2		TUFF: Purplish gray, strongly indurated, moderately welded.

Total depth = 108.5 ft. Borehole backfilled with cuttings and capped with bentonite from 0 to 3 ft.

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Environmental Restoration Project
DP Tank Farm Borehole Log (PRS 21-029)

FIMAD Location ID: 21-11151 **Start Date:** 07/26/00 **End Date:** 07/27/00 **Page:** 1 of 6

Depth of Borehole: 106.5 ft bgs **Borehole Attitude:** Vertical **Coordinates:** 1775472.7N; 1628509.01E

Depth to Groundwater: Not encountered **Geologist:** Dave Davenport/LATA **Surface Elevation:** 7225.8 ft msl

Drilling Co.: Stanley Johnson/Stewart Brothers **Drilling Equipment/Method:** CME-750; continuous core by 7-in.-o.d. hollow-stem auger with 9 5/8-in. bit
Core Recovery Equipment: 3.5-in.-o.d. stainless steel split spoon

Depth (ft bgs)	Core run/recovery (#/percent)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
0	1/100	ND		NA		Soil		Topsoil, dry, orange brown, sandy silty loam.
	2/100	ND	ND/ND	NA				
5	3/100	ND		NA		Qbt3		TUFF: Tuff, light gray, dry, non welded friable (nonindurated), small pumice lapilli, few crystal phenocrysts.
	4/100	ND	ND/ND	NA				
10	5/100	ND		NA				TUFF: As above, tan horizontal mottling, possible fracture and staining.
	6/100	ND	ND/ND	NA				TUFF: As above, light gray, dry. Thin tan seam at 16 ft.
15								

Note: 21-11151 drilled during FY00 activities
Note: TPH Screening was conducted using immunoassay kits providing detection limits at 40 and 160 ppm
ppm = parts per million
α = alpha particle radiation, β/γ = beta/gamma particle radiation
ND = not detected, NA = not analyzed
NDA = no detectable activity
# = see lithologic description for TPH results from short sample intervals

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DP Tank Farm Borehole Log (PRS 21-029)

FIMAD Location ID: 21-11151 **Page:** 2 of 6

Depth (ft bgs)	Core run/recovery (#/percent)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
15	7/100	ND		NA				
	8/100	ND	ND/ND	NA				
20	9/100	ND		NA				
	10/100	ND	ND/ND	NA	0103			TUFF: As above, discoloration from Fe-staining in pumice lapilli, yellow mottles at 23.5 ft.
25	11/100	ND		NA				
	12/100	1.4	ND/ND	NA				TUFF: Light gray, moderately indurated, common mottles and stained zones, light yellowish to reddish brown weathered pumice lapilli. At 32 ft, large fracture filled with bright reddish brown sandy clay at 45 degrees to core axis.
30	13/100	2.2	ND/ND	NA				
	14/100	2.1	ND/ND	NA				
35								

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DP Tank Farm Borehole Log (PRS 21-029)

FIMAD Location ID: 21-11151 **Page:** 3 of 6

Depth (ft bgs)	Core run/recovery (#/percent)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
35	15/100	ND		NA				TUFF: As above, common large dark brown weathered pumice lapilli.
	16/100	1.8	ND/ND	NA				
40	17/100	ND		NA				TUFF: As above, pumice lapilli color change at 41 ft from dark purplish gray to dark reddish brown.
	18/100	2.4	ND/ND	NA				TUFF: As above, common mottles and weathered pumice.
45	19/100	ND		NA				TUFF: As above, with abundant light brown mottles, little clay, with clay rich zone at 48 to 49 ft.
	20/100	0.5	ND/ND	NA				
50	21/100	ND		NA				TUFF: As above, mixed weathered zones
	22/100	1.6	ND/ND	NA				TUFF: Light gray, nonindurated, with zones of light brown coloring
55								

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DP Tank Farm Borehole Log (PRS 21-029)

FIMAD Location ID: 21-11151 **Page:** 4 of 6

Depth (ft bgs)	Core run/recovery (#/percent)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
55	23/100	0.2		NA				TUFF: Light gray, nonindurated, no discolored zones
	24/100	0.4	ND/ND	NA				
60	25/100	ND		NA				
	26/100	1.0	ND/ND	NA				
65	27/100	1.2	ND/ND	NA				TUFF: Light reddish brown thick weathered zone.
	28/100	0.4	ND/ND	NA				TUFF: Light gray, nonindurated.
70	29/100	0.2		NA				
	30/100	0.2	ND/ND	NA				
75								

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DP Tank Farm Borehole Log (PRS 21-029)

FIMAD Location ID: 21-11151 **Page:** 5 of 6

Depth (ft bgs)	Core run/recovery (#/percent)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
75	31/100	ND	ND/ND	NA				TUFF: Light gray, nonindurated, slight thin weathered patches, dry. Thin tan seam collected at 75.8 to 76.5 ft and brown clay-altered seam at 79 to 80 ft.
	32/100	ND	ND/ND	NA				
80	33/100	ND		NA				TUFF: As above, brown weathered fracture zone has thin horizontal seams at 80.5 and 81.5 ft, with vertical seam connecting the two seams.
	34/100	NA	ND/ND	NA				TUFF: As above, no evidence of staining
85	35/100	ND		NA				
	36/100	ND	ND/ND	NA				
90	37/0	NA		NA				
	38/100	ND	ND/ND	NA				TUFF: Slight increase in welding, thin tan stringer collected from 94 to 95 ft. At 96 ft, tan to brown seam at 45 degrees to core axis (likely a fracture). From 105 to 105.5 ft, clay filled fracture at 30 degrees to core axis.
95								

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FIMAD Location ID: 21-11151 **Page:** 6 of 6

Depth (ft bgs)	Core run/recovery (#/percent)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
95	39/100	ND	D/D	NA	0104			
	40/100	ND	ND/ND	NA				
100	41/100	ND		NA				
	42/100	ND	ND/ND	NA				
105	43/100	ND		NA	0105 0106			

Total depth = 106.5 ft. Auger refusal on Qbt 2. Borehole backfilled with cuttings and capped with bentonite from 0 to 3 ft.

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Environmental Restoration Project
DP Tank Farm Borehole Log (PRS 21-029)

FIMAD Location ID: 21-11153 **Start Date:** 07/28/00 **End Date:** 07/31/00 **Page:** 1 of 5

Depth of Borehole: 95.0 ft bgs **Borehole Attitude:** Vertical **Coordinates:** 1775534.9N; 1628781.5E

Depth to Groundwater: Not encountered **Geologist:** Dave Davenport/LATA **Surface Elevation:** 7210.0 ft msl

Drilling Co.: Stanley Johnson/Stewart Brothers **Drilling Equipment/Method:** CME-750; continuous core by 7-in.-o.d. hollow-stem auger with 9 5/8-in. bit
Core Recovery Equipment: 3.5-in.-o.d. stainless steel split spoon

Depth (ft bgs)	Core run/recovery (#/percent)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/β/γ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
0	1/100	ND		NA		Soil		Topsoil, reddish brown, sandy clay loam.
	2/100	0.8	ND/ND	NA		Qbt3		TUFF: Light gray, weathered, slightly indurated, abundant sanidine phenocrysts, diffuse weathered zones. Fracture with heavy red clay from 5 to 6 ft.
5	3/100	18.0	ND/ND	NA				
	4/100	ND	ND/ND	NA				TUFF: Purplish gray, nonindurated to slightly indurated.
10	5/100	ND		NA				
	6/100	1.2	ND/ND	NA				TUFF: As above, minor diffuse weathered zone. Near vertical clay filled fracture from 16 to 17.5 ft.
15								

Note: 21-11153 drilled during FY00 activities
Note: TPH Screening was conducted using immunoassay kits providing detection limits at 40 and 160 ppm
ppm = parts per million
α = alpha particle radiation, β/γ = beta/gamma particle radiation
ND = not detected, NA = not analyzed
NDA = no detectable activity
# = see lithologic description for TPH results from short sample intervals

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DP Tank Farm Borehole Log (PRS 21-029)

FIMAD Location ID: 21-11153 **Page:** 2 of 5

Depth (ft bgs)	Core run/recovery (#/percent)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α / βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
15	7/100	1.0		NA				
	8/100	1.2	ND/ND	NA				TUFF: As above, more brownish gray. Clay filled vertical fracture at 20 ft.
20	9/100	ND		NA				TUFF: Light gray, fractures present at 20 ft, core is competent
	10/100	.08	ND/ND	NA				TUFF: As above, more indurated, light gray.
25	11/100	ND		NA				TUFF: As above, purplish gray. Minor fracture with roots at 32 ft.
	12/100	ND	ND/ND	NA				
30	13/100	ND		NA				
	14/100	ND	ND/ND	NA				TUFF: As above, common large pumice lapilli.
35								

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Environmental Restoration Project
DP Tank Farm Borehole Log (PRS 21-029)

FIMAD Location ID: 21-11153

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Depth (ft bgs)	Core run/recovery (#/percent)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
35	15/100	ND		NA				TUFF: As above, less purple, few thin discontinuous clay films.
	16/100	ND	ND/ND	NA				TUFF: Slightly indurated.
40	17/100	ND		NA				TUFF: As above, more brown tan weathered zones, abundant pumice lapilli and phenocrysts. Dark tan weathered zone from 43.5 to 44.5 ft.
	18/100	0.6	NA/NA	NA				TUFF: As above, gray, friable, with common thin stringers of yellow brown clay, and weathered zones from 47.5 to 50 ft.
45	19/100	ND		NA				
	20/100	0.8	ND/ND	NA	0109			
50	21/100	ND		NA				
	22/100	0.2	ND/ND	NA				TUFF: Reddish brown, weathered
55								TUFF: Tuff, light gray, fresh, unweathered, occasional light tan weathered zones from 55 to 65 ft.

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DP Tank Farm Borehole Log (PRS 21-029)

FIMAD Location ID: 21-11153 **Page:** 4 of 5

Depth (ft bgs)	Core run/recovery (#/percent)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
55	23/100	ND		NA				
	24/100	ND	ND/ND	NA				
60	25/100	ND		NA				
	26/100	0.4	ND/ND	NA				
65	27/100	NA		NA				TUFF: As above, abundant sanidine, little weathering
	28/100	0.4	ND/ND	NA				
70	29/100	ND		NA				
	30/100	1.0	ND/ND	NA				
75								

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Environmental Restoration Project
DP Tank Farm Borehole Log (PRS 21-029)

FIMAD Location ID: 21-11153 **Page:** 5 of 5

Depth (ft bgs)	Core run/recovery (ft/percent)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
75	31/100	ND		NA				
	32/100	1.6	ND/ND	NA				
80	33/100	ND		NA				
	34/100	1.8	ND/ND	NA				TUFF: Tuff, moderately indurated. Thin fracture 30 degrees to core axis at 84 to 85 ft.
85	35/100	ND		NA				
	36/100	0.4	ND/ND	NA				TUFF: Tuff, slightly indurated with minor weathering.
90	37/100	ND		NA				TUFF: Tuff, moderately indurated, light purplish gray.
	38/100	0.6	ND/ND	NA	0110			
95								Total depth = 95 ft. Auger refusal on Qbt 2. Borehole backfilled with cuttings and capped with bentonite from 0 to 3 ft.

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Environmental Restoration Project
DP Tank Farm Borehole Log (PRS 21-029)

FIMAD Location ID: 21-11154 **Start Date:** 07/31/00 **End Date:** 08/01/00 **Page:** 1 of 5

Depth of Borehole: 93.0 ft bgs **Borehole Attitude:** Vertical **Coordinates:** 1775559.4N; 1628556.8E

Depth to Groundwater: Not encountered **Geologist:** Dave Davenport/LATA **Surface Elevation:** 7212.4 ft msl

Drilling Co.: Stanley Johnson/Stewart Brothers **Drilling Equipment/Method:** CME-750; continuous core by 7-in.-o.d. hollow-stem auger with 9 5/8-in. bit
Core Recovery Equipment: 3.5-in.-o.d. stainless steel split spoon

Depth (ft bgs)	Core run/recovery (#/percent)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
0						Soil		Topsoil, reddish brown, sandy clay loam.
	1/100	ND		NA		Qbt3		TUFF: Gray, moderately indurated, with weathered zones.
	2/100	0.2	ND/ND	NA				TUFF: As above, gray, friable (nonindurated), with weak weathered zones.
5	3/100	ND		NA				
	4/100	ND	ND/ND	NA				
10	5/100	ND		NA				
	6/100	0.4	ND/ND	NA				
15								

Note: 21-11154 drilled during FY00 activities
Note: TPH Screening was conducted using immunoassay kits providing detection limits at 40 and 160 ppm
ppm = parts per million
α = alpha particle radiation, β/γ = beta/gamma particle radiation
ND = not detected, NA = not analyzed
NDA = no detectable activity
# = see lithologic description for TPH results from short sample intervals

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DP Tank Farm Borehole Log (PRS 21-029)

FIMAD Location ID: 21-11154 **Page:** 2 of 5

Depth (ft bgs)	Core run/recovery (#/percent)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
15	7/100	ND		NA				TUFF: As above, with thin discontinuous weathered zones.
	8/100	1.0	ND/ND	NA				
20	9/100	ND		NA				
	10/100	0.2	ND/ND	NA				TUFF: As above, light gray, common large brown weathered pumice lapilli, slightly indurated.
25	11/100	ND		NA				
	12/100	1.0	ND/ND	NA				TUFF: As above, moderately indurated, common large brown pumice lapilli.
30	13/100	ND		NA				TUFF: As above, more friable (less indurated).
	14/100	0.6	ND/ND	NA				
35								

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DP Tank Farm Borehole Log (PRS 21-029)

FIMAD Location ID: 21-11154 **Page:** 3 of 5

Depth (ft bgs)	Core run/recovery (#/percent)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
35	15/100	ND		NA				TUFF: As above, slightly more indurated. Minor clay lined fracture at 38.5 ft.
	16/100	1.1	ND/ND	NA				
40	17/100	ND		NA				
	18/100	0.9	ND/ND	NA				TUFF: Strongly weathered, no odor.
45	19/100	ND		NA				TUFF: Light gray, more friable (slightly indurated), with few hard clasts.
	20/100	ND	ND/ND	NA	0111			
50	21/100	ND		NA				
	22/100	1.8	ND/ND	NA				TUFF: As above, with dispersed reddish yellow moderately weathered zones.
55								

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Environmental Restoration Project
DP Tank Farm Borehole Log (PRS 21-029)

FIMAD Location ID: 21-11154 **Page:** 4 of 5

Depth (ft bgs)	Core run/recovery (#/percent)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
55	23/100	ND		NA				TUFF: Tan-gray, weathered, friable (nonindurated).
	24/100	1.2	ND/ND	NA				
60	25/100	ND		NA				TUFF: Tan to gray, friable, few hard clasts.
	26/100	1.6	ND/ND	NA				
65	27/100	ND		NA				
	28/100	0.6	ND/ND	NA				TUFF: Matrix color change to more purplish gray.
70	29/100	ND		NA				
	30/100	0.8	ND/ND	NA				
75								

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Environmental Restoration Project
DP Tank Farm Borehole Log (PRS 21-029)

FIMAD Location ID: 21-11154 **Page:** 5 of 5

Depth (ft bgs)	Core run/recovery (#/percent)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
75	31/100	ND		NA				TUFF: Moderately indurated, light gray. Fracture or weathered zone from 78 to 78.5 ft.
	32/100	0.6	ND/ND	NA				
80	33/100	ND		NA				
	34/100	1.6	ND/ND	NA				TUFF: Purplish gray, moderately indurated.
85	35/100	0.1		NA		Qbt2		TUFF: Darker purplish gray, friable.
	36/100	1.8	ND/ND	NA				TUFF: As above, purplish gray, very friable.
90	37/100	0.1		NA				
	38/100	NA	ND/ND	NA	0112			

Total depth = 93 ft. Borehole backfilled with cuttings and capped with bentonite from 0 to 3 ft.

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Environmental Restoration Project
DP Tank Farm Borehole Log (PRS 21-029)

FIMAD Location ID: 21-11155 **Start Date:** 08/01/00 **End Date:** 08/01/00 **Page:** 1 of 5

Depth of Borehole: 90.0 ft bgs **Borehole Attitude:** Vertical **Coordinates:** 1775587.5N; 1628387.1E

Depth to Groundwater: Not encountered **Geologist:** Dave Davenport/LATA **Surface Elevation:** 7215.5 ft msl

Drilling Co.: Stanley Johnson/Stewart Brothers **Drilling Equipment/Method:** CME-750; continuous core by 7-in.-o.d. hollow-stem auger with 9 5/8-in. bit
Core Recovery Equipment: 3.5-in.-o.d. stainless steel split spoon

Depth (ft bgs)	Core run/recovery (#/percent)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
0	1/100	ND		NA		Soil		Topsoil, reddish brown, sandy loam.
						Qbt3		TUFF: Light gray, nonindurated to slightly indurated.
	2/100	0.8	ND/ND	NA				
5	3/100	ND		NA				TUFF: As above, slightly indurated, localized zones of light reddish brown.
	4/100	2.6	ND/ND	NA				
10	5/100	0.1		NA				
	6/100	3.0	ND/ND	NA				TUFF: As above, with abundant red-brown mottles and pumice lapilli weathered to red-brown clay.
15								

Note: 21-11155 drilled during FY00 activities
Note: TPH Screening was conducted using immunoassay kits providing detection limits at 40 and 160 ppm
ppm = parts per million
α = alpha particle radiation, β/γ = beta/gamma particle radiation
ND = not detected, NA = not analyzed
NDA = no detectable activity
# = see lithologic description for TPH results from short sample intervals

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DP Tank Farm Borehole Log (PRS 21-029)

FIMAD Location ID: 21-11155 **Page:** 2 of 5

Depth (ft bgs)	Core run/recovery (#/percent)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α / β/γ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
15	7/100	ND		NA				TUFF: As above, more welded, light purple gray. Near horizontal fracture with red brown clay from 14 to 14.25 ft.
								TUFF: Purplish gray with abundant weathered brown mottles, weathered pumice lapilli, and local thin clay films.
	8/100	2.6	ND/ND	NA				
20	9/100	ND		NA				
	10/100	3.1	ND/ND	NA				TUFF: Light gray with brown mottles and weathered pumice lapilli.
25	11/100	ND		NA				TUFF: As above, slightly darker gray, abundant pumice lapilli.
	12/100	2.4	ND/ND	NA				
30	13/100	0.2		NA				TUFF: As above, common gray brown pumice lapilli.
	14/100	3.4	ND/ND	NA				
35								

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DP Tank Farm Borehole Log (PRS 21-029)

FIMAD Location ID: 21-11155 **Page:** 3 of 5

Depth (ft bgs)	Core run/recovery (#/percent)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
35	15/100	ND		NA				
	16/100	2.0	ND/ND	NA				
40	17/100	ND		NA				TUFF: As above, gray, friable (nonindurated).
	18/100	3.8	ND/ND	NA				
45	19/100	ND		NA				
	20/100	3.0	ND/ND	NA				
50	21/100	ND		NA				TUFF: As above, light gray, very few mottles or weathered pumice lapilli.
	22/100	2.6	ND/ND	NA	0113			TUFF: Strongly weathered zone with red-brown sandy clay.
55								

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DP Tank Farm Borehole Log (PRS 21-029)

FIMAD Location ID: 21-11155 **Page:** 4 of 5

Depth (ft bgs)	Core run/recovery (#/percent)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
55	23/100	ND		NA				TUFF: Light gray, very friable (nonindurated), localized light tan mottles. Yellow brown clay widely dispersed in matrix from 57.5 to 60 ft.
	24/100	2.0	ND/ND	NA				
60	25/100	ND		NA				
	26/100	2.8	ND/ND	NA				
65	27/100	ND		NA				
	28/100	2.6	ND/ND	NA				
70	29/100	ND		NA				TUFF: As above, less friable (slightly indurated), with less white mottles or pumice lapilli.
	30/100	2.8	ND/ND	NA				
75								

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Environmental Restoration Project
DP Tank Farm Borehole Log (PRS 21-029)

FIMAD Location ID: 21-11155 **Page:** 5 of 5

Depth (ft bgs)	Core run/recovery (#/percent)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
75	31/100	ND		NA				
	32/100	ND	ND/ND	NA				TUFF: Purplish gray, abundant weathered brown phenocrysts.
80	33/100	3.6		NA				
	34/100	2.2	ND/ND	NA				
85	35/100	ND		NA				
	36/100	4.8	ND/ND	NA	0114			
90								Total depth = 90.0 ft. Auger refusal on Qbt 2. Borehole backfilled with cuttings and capped with bentonite from 0 to 3 ft.

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Environmental Restoration Project
DP Tank Farm Borehole Log (PRS 21-029)

FIMAD Location ID: 21-11156 **Start Date:** 08/02/00 **End Date:** 08/03/00 **Page:** 1 of 6

Depth of Borehole: 102.5 ft bgs **Borehole Attitude:** Vertical **Coordinates:** 1775535.7N; 1628321.0E

Depth to Groundwater: Not encountered **Geologist:** Dave Davenport/LATA **Surface Elevation:** 7229.6 ft msl

Drilling Co.: Stanley Johnson/Stewart Brothers **Drilling Equipment/Method:** CME-750; continuous core by 7-in.-o.d. hollow-stem auger with 9 5/8-in. bit
Core Recovery Equipment: 3.5-in.-o.d. stainless steel split spoon

Depth (ft bgs)	Core run/recovery (#/percent)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
0	1/100	ND		NA		Soil		Topsoil, dry, red brown, compacted.
						Qbt3		TUFF: Light purple gray, hard, (moderately indurated).
	2/100	ND	ND/ND	NA				
5	3/100	ND		NA				
	4/100	ND	D/ND	NA	0115			
10	5/100	ND		NA				TUFF: More friable (nonindurated to slightly indurated), discontinuous weathered zones from 12.5 to 15 ft.
	6/100	ND	ND/ND	NA				
15								

Note: 21-11156 drilled during FY00 activities
Note: TPH Screening was conducted using immunoassay kits providing detection limits at 40 and 160 ppm
ppm = parts per million
α = alpha particle radiation, β/γ = beta/gamma particle radiation
ND = not detected, NA = not analyzed
NDA = no detectable activity
# = see lithologic description for TPH results from short sample intervals

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DP Tank Farm Borehole Log (PRS 21-029)

FIMAD Location ID: 21-11156 **Page:** 2 of 6

Depth (ft bgs)	Core run/recovery (#/percent)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
15	7/100	ND		NA				
	8/100	0.2	ND/ND	NA				TUFF: Light gray, with common brown pumice lapilli, grading to more welded at 20 ft. Minor fracture at 26 ft. Weathered zone from 27.5 to 28.5 ft.
20	9/100	ND		NA				
	10/100	0.1	ND/ND	NA				
25	11/100	0.2		NA				
	12/100	1.0	ND/ND	NA				
30	13/100	ND		NA				
	14/100	ND	ND/ND	NA				TUFF: As above, lighter color. Weathered zone from 33.8 to 35 ft.
35								

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DP Tank Farm Borehole Log (PRS 21-029)

FIMAD Location ID: 21-11156 **Page:** 3 of 6

Depth (ft bgs)	Core run/recovery (#/percent)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
35	15/100	ND		NA				TUFF: Light gray, hard, moderately indurated, common brown pumice lapilli.
	16/100	ND	ND/ND	NA				
40	17/100	ND		NA				
	18/100	ND	ND/ND	NA				
45	19/100	ND		NA				TUFF: As above, brownish pumice lapilli.
	20/100	ND	ND/ND	NA				
50	21/100	ND		NA				TUFF: As above, moderately indurated, more sandy. Brown mottled zone from 53 to 54 ft.
	22/100	0.6	ND/ND	NA				
55								

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DP Tank Farm Borehole Log (PRS 21-029)

FIMAD Location ID: 21-11156 **Page:** 4 of 6

Depth (ft bgs)	Core run/recovery (#/percent)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
55	23/100	ND		NA				TUFF: As above, light gray, welded.
	24/100	ND	ND/ND	NA				TUFF: Brown weathered zone, material more sandy, less welded.
60	25/100	ND	ND/ND	NA	0116			TUFF: Light gray, slightly indurated, sandy. Brown weathered zone at 61 ft. Light diesel odor from 66 to 66.5 ft.
	26/100	ND	ND/ND	NA				
65	27/100	ND		NA				
	28/100	NA	ND/ND	NA				TUFF: As above, light gray with brownish mottles.
70	29/100	NA		NA				
	30/100	NA	ND/ND	NA				TUFF: As above, friable, distinct turpentine-like odor at 72.5 ft.
75								

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DP Tank Farm Borehole Log (PRS 21-029)

FIMAD Location ID: 21-11156 **Page:** 5 of 6

Depth (ft bgs)	Core run/recovery (#/percent)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
75	31/100	NA		NA				
	32/100	NA	ND/ND	NA				TUFF: As above, friable (non indurated to slightly indurated), with white pumice lapilli, slight turpentine-like odor from 77.5 to 92.5 ft.
80	33/100	NA		NA				
	34/100	NA	ND/ND	NA				
85	35/100	NA		NA				
	36/100	NA	ND/ND	NA				TUFF: As above, slightly harder, (moderately indurated), light gray, abundant weathered phenocrysts and common white pumice lapilli. Slight turpentine-like odor continues to 92.5 ft.
90	37/100	NA		NA				
	38/100	NA	ND/ND	NA				TUFF: Color change to purple gray, moderately indurated.
95								

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FIMAD Location ID: 21-11156 **Page:** 6 of 6

Depth (ft bgs)	Core run/recovery (#/percent)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α / βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
95	39/100	NA		NA	0117			
	40/100	NA	ND/ND	NA				
100	41/100	NA		NA				

Total depth = 102.5 ft. Auger refusal on Qbt 2. Borehole backfilled with cuttings and capped with bentonite from 0 to 3 ft.

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DP Tank Farm Borehole Log (PRS 21-029)

FIMAD Location ID: 21-11229 **Start Date:** 05/02/01 **End Date:** 05/03/01 **Page:** 1 of 5

Length of Borehole: 95 ft measured on angle **Borehole Attitude:** N40E; 67° from horizontal **Coordinates:** 1775632.0N; 1628474.6E

Depth to Groundwater: Not encountered **Geologist:** Jon Marin/SAIC **Surface Elevation:** 7208.0 ft msl

Drilling Co.: Stanley Johnson/Stewart Brothers **Drilling Equipment/Method:** CME-750; continuous core by 7-in.-o.d. hollow-stem auger with 9 5/8-in. bit
Core Recovery Equipment: 3.5-in.-o.d. stainless steel split spoon

Depth (ft bgs)	Core run/ recovery (#/percent)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
0	1/100	1.9		NDA		OL GM Qbt3		OL: Tuffaceous topsoil organic; grayish orange pink, (5 YR, 7/2); highly organic, roots, grass; no odors GM: C horizon soil; predominately weathered tuff; decrease in organic content; no odors
	2/100	1.7	D/ND	NDA				Tuff: pale yellowish brown, (10 YR, 6/2); matrix tuff contains 20% devitrified pumice, lapilli are 1 x 2 cm, sugary texture, lapilli have quartz phenocryst up to 1.5 mm; 10% sanidine phenocrysts up to 2 mm, most show Shiller blue; no odors, no fractures; no staining; no alteration Tuff: very pale orange, (10 YR, 8/2); non to slightly indurated; no odors; no fractures; no staining; no alteration
5	3/100	1.9		NDA				Tuff: grayish orange pink, (5YR, 7/2); no odors; no fractures; no staining; no alteration Tuff: very pale orange, (10 YR, 8/2); local roots, non to slightly indurated; no odors; no fractures; no staining; no alteration
	4/100	1.7	ND/ND	NDA				Tuff: As above; thin sections of slightly indurated tuff create "wafer" appearance in core; no odors; no fractures; no staining; no alteration
10	5/100	1.7		NDA				
	6/100	1.8	D/ND	NDA				
15								

Note: Borehole redrilled adjacent to FY00 location 21-11170
Note: TPH Screening was conducted using immunoassay kits providing detection limits at 40 and 160 ppm
ppm = parts per million
α = alpha particle radiation, β/γ = beta/gamma particle radiation
ND = not detected, NA = not analyzed
NDA = no detectable activity
# = see lithologic description for TPH results from short sample intervals

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DP Tank Farm Borehole Log (PRS 21-029)

FIMAD Location ID: 21-11229 **Page:** 2 of 5

Depth (ft bgs)	Core run/recovery (#/percent)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
15	7/100	1.8		NDA				Tuff: As above; devitrified ash flow tuff; slightly to moderately indurated, core shows "wafer" appearance; no recovery from 27.5 to 30.0 ft; no odors; no fractures; no staining; no alteration
	8/100	1.8	ND/ND	NDA				
20		1.8						
	9/100	2.0	ND/ND	NDA				
25	10/100	2.0		NDA				
	11/0	NA		NA				
30	12/100	1.0	(1)	NDA				Tuff: As above; iron staining with some moist clay from 31.5 to 32.5 ft; sample collected from 31.9 to 32.5 ft; no odors; no fracture noted; (1) = TPH result from 31.9 to 32.5 ft, results ND/ND
	13/100	1.0	ND/ND	NDA				Tuff: As above; moderate yellowish brown, (10 YR, 5/4); iron stain on pumice lapilli; no odors; no fractures; no alteration
35								

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DP Tank Farm Borehole Log (PRS 21-029)

FIMAD Location ID: 21-11229 **Page:** 3 of 5

Depth (ft bgs)	Core run/recovery (#/percent)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α / βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
35	14/100	1.0		NDA	0098			Tuff: pale yellowish brown, (10 YR, 6/2); non to slightly indurated; less iron stain on pumice lapilli; dark brown moist discoloration on outside of core, faint sweet solvent odor from 38.5 to 39.0 ft; iron staining in local zones throughout core from 44.0 to 45.0 ft, no obvious fracture; sample collected from 38.4 to 39.3 was taken from boxed core on 5/08/01
	15/100	1.0	D/ND	NDA				
40	16/100	0.6		NDA				
	17/100	0.6	D/ND	NDA				
45	18/100	0.7		NDA				
	19/100	0.8	ND/ND	NDA				
50	20/100	1.2		NDA				Tuff: grayish orange, (10 YR, 7/4); non-indurated ash flow, pumice are 20%, light grayish brown and very indistinct from groundmass/matrix; no odors; no fractures; no staining; no alteration
	21/100	1.7	ND/ND	NDA				
55								

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Depth (ft bgs)	Core run/recovery (#/percent)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α / β/γ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
55	22/100	2.2		NDA				
	23/100	2.5	ND/ND	NDA				
60	24/100	2.6		NDA				Tuff: moderate yellowish brown (10 YR, 5/4); non-indurated; devitrified, pumice poor, phenocryst poor ash flow; 1 in. wide dark brown iron-stained mottling at 25 degrees to core axis noted at 67.3 ft; no odor; no fracture noted; no alteration; sample collected from 69.0 to 70.0 ft
	25/100	2.2	ND/ND	NDA				
65	26/100	2.1		NDA				
	27/100	2.0	ND/ND	NDA	0093			
70	28/100	2.0		NDA				
	29/100	1.5	ND/ND	NDA				
75								

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Depth (ft bgs)	Core run/recovery (#/percent)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
75	30/100	1.0		NDA	0094	Qbt2		Tuff: As above; iron staining 1.0 in. thick, 25 degrees to core axis from 80.6 to 81.2 ft, no apparent fracture associated with iron stain; no odor; sample collected from 80.6 to 81.2 ft
	31/100	1.0	ND/ND	NDA				
80	32/100	1.0	ND/ND	NDA				
	33/68	1.0	ND/ND	NDA				Tuff: moderate yellowish brown, (10 YR 5/4); nonindurated; no odors; no staining; no alteration; no fractures
85	34/100	1.2		NDA				Tuff: light brownish gray, (5 YR, 6/1); slightly indurated, moderately welded; core exhibits wafer appearance; pumice lapilli are 1 x 4 cm; drill rig applied over a thousand pounds of pull down pressure from 92.5 to 95.0 ft; no odor; no fractures no staining; no alteration; sample collected from 91.5 to 92.5 ft.
	35/100	1.0	ND/ND	NDA				
90	36/100	1.2	ND/ND	NDA	0095			
	37/100	1.0		NDA				
95								Total Length = 95.0 ft. Borehole was abandoned by backfilling with cuttings and capped with bentonite from 0 to 3 ft bgs.

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DP Tank Farm Borehole Log (PRS 21-029)

FIMAD Location ID: 21-11230 **Start Date:** 05/04/01 **End Date:** 05/08/01 **Page:** 1 of 6

Length of Borehole: 105 ft measured on angle **Borehole Attitude:** N62E; 53° from horizontal **Coordinates:** 1775639.5N; 1628451.7E

Depth to Groundwater: Not encountered **Geologist:** Jon Marin/SAIC **Surface Elevation:** 7207.1 ft msl

Drilling Co.: Stanley Johnson/Stewart Brothers **Drilling Equipment/Method:** CME-750; continuous core by 7-in.-o.d. hollow-stem auger with 9 5/8-in. bit
Core Recovery Equipment: 3.5-in.-o.d. stainless steel split spoon

Depth (ft bgs)	Core run/recovery (#/percent)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/β/γ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
0	1/20	0.8		NDA		CL		Topsoil: grayish brown, (5 YR 3/2); organic, clay rich soil; moisture in weathered tuff probably due to Friday's (05/04/01) and weekend precipitation; no odor
	2/50	0.8	ND/ND	NDA		Qbt3		Tuff: pale brown, (5 YR, 5/2); weathered; organic, clay rich; moist; iron mottling; no odor ; no fractures
5		NA		NDA				Tuff: grayish orange pink, (5 YR, 7/2); unweathered to slightly weathered, some clay; phenocryst rich, sanidines with Shiller blue to 20%, 0.5 to 1 mm; iron mottling; devitirified pumice lapilli are small, up to 0.5 cm and indistinct; no odor; no fractures
	3/100	0.8	ND/ND	NDA				Tuff: pale yellowish brown, (10 YR, 6/2); unweathered, non-indurated tuff; phenocryst rich, quartz and sanidine (Shiller blue); pumice lapilli, lt. gray sugary texture, to 3 x 5 cm; no odor; no fractures; no staining; no alteration
10	4/100	0.8		NDA				
	5/100	0.8	ND/ND	NDA				
15								

Note: Borehole drilled adjacent to FY00 location 21-11171
Note: TPH Screening was conducted using immunoassay kits providing detection limits at 40 and 160 ppm
ppm = parts per million
α = alpha particle radiation, β/γ = beta/gamma particle radiation
ND = not detected, NA = not analyzed
NDA = no detectable activity
# = see lithologic description for TPH results from short sample intervals

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DP Tank Farm Borehole Log (PRS 21-029)

FIMAD Location ID: 21-11230 **Page:** 2 of 6

Depth (ft bgs)	Core run/recovery (#/percent)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
15	6/100	0.8		NDA				
	7/100	0.8	ND/ND	NDA				
20	8/100	0.9		NDA				
	9/100	1.0	ND/ND	NDA				
25	10/100	1.0		NDA				Tuff: pale reddish brown (10 R, 5/4); non-slightly indurated; clay rich; devitrified pumice, pale red (10 R, 6/2); no odor; no fractures; no staining
	11/100	1.2	ND/ND	NDA				
30	12/100	1.2		NDA				Tuff: grayish orange pink, (5 YR, 7/2); no clay, except in iron-rich pumice lapilli, clay altered pumice up to 4 cm; no odor; no fractures; sample collected from 39.0 to 39.5 ft
	13/100	1.2	ND/ND	NDA				
35								

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Depth (ft bgs)	Core run/recovery (#/percent)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
35	14/100	1.2		NDA				
	15/100	1.2	ND/ND	NDA	0096			
40			ND/ND					
	16/100	1.4		NDA				
	17/100	1.5	ND/ND	NDA				Tuff: pale brown, (5 YR, 5/2); non to slightly indurated; clay altered pumice; dry; no odor; no fractures
45	18/100	1.6		NDA				
	19/100	1.6	ND/ND	NDA				
50	20/100	1.2		NDA				Tuff: pale red, (5 R, 6/2); non-indurated; local iron-stained mottling after relict pumice lapilli; clay-rich matrix at 51.8 ft; no odor; no fractures
	21/100	1.5	ND/ND	NDA	0097			Tuff: As above; moist; increase in iron staining; faint, sweet odor; sample collected 54.0 to 55.0 ft
55								

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FIMAD Location ID: 21-11230 **Page:** 4 of 6

Depth (ft bgs)	Core run/recovery (#/percent)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
55	22/76	1.8		NDA				Tuff: moderate brown, (5 YR, 4/4); highly clay-rich, clay altered; no odor; no fractures
	23/100	2.0	ND/ND	NDA				
60	24/100	1.6		NDA				
	25/100	1.1	ND/ND	NDA				
65	26/100	1.1		NDA				
	27/100	1.1	ND/ND	NDA				
70	28/100	1.1		NDA				Tuff: grayish orange pink, (5 YR, 7/2); non-indurated; indistinct pumice lapilli to 10%; quartz and sanidine phenocrysts, 0.1 to 0.2 mm; no odor; no fracture; no staining; no alteration
	29/100	1.0	ND/ND	NDA				
75								

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FIMAD Location ID: 21-11230 **Page:** 5 of 6

Depth (ft bgs)	Core run/recovery (#/percent)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
75	30/100	0.9		NDA				Tuff: pale yellowish brown, (10 YR, 6/2); non-indurated; no odor; no fractures; no alteration; no staining; sample collected from 89.0 to 90.0 ft
	31/100	0.8	ND/ND	NDA				
80	32/100	0.8		NDA				
	33/100	1.1	ND/ND	NDA				
85	34/100	1.4		NDA				
	35/100	1.1	D/ND	NDA	0101			
90	36/100	1.1		NDA				
	37/100	1.0	ND/ND	NDA				
95								

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FIMAD Location ID: 21-11230 **Page:** 6 of 6

Depth (ft bgs)	Core run/recovery (#/percent)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
95	38/100	1.0		NDA				Tuff: very pale orange, (10 YR, 8/2); non-indurated with localized slight induration, mostly non-indurated; devitrified ash flow pumice lapilli to 2 x 4 cm; phenocryst-rich; localized iron mottling after clay altered pumice lapilli; no odor; no fractures
	39/100	0.9	ND/ND	NDA				
100	40/100	0.9		NDA				
	41/100	0.9	ND/ND	NDA	0099	Qbt2		Tuff: pinkish gray (5 YR, 8/1); moderately indurated, slightly welded; devitrified ash flow; no odor; no fractures; no staining; no alteration; sample collected from 104.2 to 105.0 ft.
105								Total Length = 105.0 ft. Borehole was abandoned by back filling with cuttings and capped with bentonite from 0.0 to 3 ft bgs.

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DP Tank Farm Borehole Log (PRS 21-029)

FIMAD Location ID: 21-11231 **Start Date:** 05/08/01 **End Date:** 05/09/01 **Page:** 1 of 3

Length of Borehole: 52.5 ft measured on angle **Borehole Attitude:** N40E; 67° from horizontal **Coordinates:** 1775631.8N; 1628472.4E

Depth to Groundwater: Not encountered **Geologist:** Jon Marin/SAIC **Surface Elevation:** 7207.9 ft msl

Drilling Co.: Stanley Johnson/Stewart Brothers **Drilling Equipment/Method:** CME-750; continuous core by 7-in.-o.d. hollow-stem auger with 9 5/8-in. bit
Core Recovery Equipment: 3.5-in.-o.d. stainless steel split spoon

Depth (ft bgs)	Core run/recovery (#/percent)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
0	1/92	1.3				Qbt3		Tuff: grayish orange pink, (5 YR, 7/2); weathered; organic; non to slightly indurated, thin sections of slightly indurated tuff create a "wafer" appearance in core; roots; no odors; no fractures; no staining; no alteration
	2/100	1.2	ND/ND	0/492				
5		1.3	ND/ND		0102			Tuff: grayish orange pink (5YR, 7/2) to light brownish gray, (5YR,6/1); moderately indurated, non-welded, ash flow; phenocryst-rich; oxidized fracture from 5.8 to 6.0 ft at 60 degrees to core axis with roots; no odors; sample collected from 5.8 to 6.0 ft
	3/90	1.3	ND/ND					
10		1.3						
	4/100	1.3	ND/ND	0/472				
15								

Note: Borehole drilled adjacent to FY00 location 21-11170 and FY01 location 21-11229
Note: TPH Screening was conducted using immunoassay kits providing detection limits at 40 and 160 ppm
ppm = parts per million
α = alpha particle radiation, β/γ = beta/gamma particle radiation
ND = not detected, NA = not analyzed
NDA = no detectable activity
# = see lithologic description for TPH results from short sample intervals

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DP Tank Farm Borehole Log (PRS 21-029)

FIMAD Location ID: 21-11231 **Page:** 2 of 3

Depth (ft bgs)	Core run/recovery (#/percent)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α / β/γ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
15	4/100	1.3						
		1.3	ND/ND					
20	5/100	1.3		0/508				Tuff: pale red, (10 R, 6/2); devitrified ash flow, pumice lapilli have sugary texture, light gray, up to 6 cm; phenocryst rich; non to slightly indurated; no odors; no fractures; no staining; no alteration
		1.4	D/D		0103			Tuff: pale red, (10R, 6/2); moderately indurated in zones; no odors; no fractures; no staining; no alteration; samples collected from 24.0 to 25.0 ft and from 29.0 to 30.0 ft
25	6/100	1.3						
		1.5	D/ND	0/481	0104			
30	7/100	1.3						
			D/D	0/477	0100			Tuff: As above; clay-altered pumice lapilli relicts; significant iron mottling and dark gray staining; no odors; no fractures; sample collected from 32.0 to 32.5 ft
		1.4	D/ND	0/468	0105			Tuff: light brown, (5 YR, 6/4); clay altered; no odors; sample collected from 34.0 to 35.0 ft
35	8/100							

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FIMAD Location ID: 21-11231 **Page:** 3 of 3

Depth (ft bgs)	Core run/recovery (#/percent)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
35	8/100	1.4		0/397				
								Tuff: grayish orange pink, (5 YR, 2/2); ground mass is slightly indurated, non-clay altered; pumice lapilli are 2 x 4 cm; fracture from 39.0 to 39.8 ft; oxidized fracture with faint sweet odor from 44.0 to 45.5; samples collected from 39.0 to 39.8 ft and from 44.0 to 45.5 ft
		1.4	D/ND	0/455	0106			
40	9/96	1.4		0/397				
		1.6	ND/ND	0/403				
45	10/96	1.6	ND/ND	0/533	0107			
		1.6	ND/ND	0/403				
50	11/70	1.6						
								Tuff: grayish orange pink, (5 YR, 7/2); non-indurated; no odors; no fractures; no staining; no alteration
								Total Length = 52.5 ft. Borehole was abandoned by backfilling with drill cuttings and capped with bentonite from 0 to 3 ft bgs.

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DP Tank Farm Borehole Log (PRS 21-029)

FIMAD Location ID: 21-11232 **Start Date:** 05/12/01 **End Date:** 05/14/01 **Page:** 1 of 3

Depth of Borehole: 42.5 ft bgs **Borehole Attitude:** Vertical **Coordinates:** 1775548.2N; 11628493.1E

Depth to Groundwater: Not encountered **Geologist:** Jon Marin/SAIC **Surface Elevation:** 7213.4 ft msl

Drilling Co.: Danny Padilla/Phillips **Drilling Equipment/Method:** CME-750; continuous core by 7-in.-o.d. hollow-stem auger with 9 5/8-in. bit
Core Recovery Equipment: 3.5-in.-o.d. stainless steel split spoon

Depth (ft bgs)	Core run/recovery (#/percent)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
0	1/100	1.0		0/380		Soil Qbt3		Topsoil: moderate yellowish brown, (10 YR, 5/4); organic; dry; no odors; no fractures; no staining; no alteration; at surface, location is near inferred trace of fracture #36 (see fracture map)
								Tuff: moderately yellowish brown, (10 YR, 5/4); weathered, clay altered; dry; local iron oxidation after relict pumice lapilli; no odors; no fractures
	2/80	1.0	ND/ND	0/250				Tuff: pale yellowish brown, (10 YR, 6/2); moderately indurated, non-welded; iron relict phenocrysts after 0.1 mm sanidine or mafic minerals; quartz phenocrsts 2%, up to 2 mm; pumice lapilli 1 to 2 cm, sugary texture in linear pattern after relict tube structures, very pale orange (10 YR, 8/2); no odors; no fractures; no staining; no alteration
5	3/84	1.0	ND/ND	0/366	0108			Tuff: pale yellowish brown, (10 YR, 6/2); slightly to moderately indurated; possible oxdized fracture from 6.3 to 6.6 ft with MnO_2 dendrites; no odors; no staining; no alteration; sample collected from 6.3 to 6.6 ft
	4/100	1.0	ND/ND	NA				
10	5/100	1.3	ND/ND	0/345	0109			Tuff: As above; oxidized fracture from 10.0 to 11.0 ft; no odors; sample collected from 10.0 to 11.0 ft
	6/100	1.3	ND/ND	0/411				Tuff: pale yellowish brown, (10YR, 6/2); slightly to moderately indurated; vertical fracture from 10 to 40 ft, 1.0-in. aperature filled with oxidized clay; no odors; sample collected from 21.7 to 22.5 ft of oxidized fracture leaving core axis; no odor
15								

Note: Borehole drilled adjacent to FY00 location 21-11143
Note: TPH Screening was conducted using immunoassay kits providing detection limits at 40 and 160 ppm
ppm = parts per million
α = alpha particle radiation, β/γ = beta/gamma particle radiation
ND = not detected, NA = not analyzed
NDA = no detectable activity
# = see lithologic description for TPH results from short sample intervals

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Depth (ft bgs)	Core run/recovery (#/percent)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
15	7/100	1.3			0112			
	8/100	1.7	ND/ND	0/370				
20	9/100	2.0	ND/ND	0/313				
	10/0			NA				Tuff: As above; poor recovery; no odors
25	11/52	1.1		NA				
	12/24	1.0	ND/ND	NA				
30	13/0			NA				
	14/100	0.8	ND/ND	NA				Tuff: grayish orange pink, (5 YR, 7/2); slightly indurated; still contains steeply dipping fracture, 1/2" orange clay-filled aperature; no odors
35								

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FIMAD Location ID: 21-11232 **Page:** 3 of 3

Depth (ft bgs)	Core run/recovery (#/percent)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
35	14/100	0.8		NA				
								Tuff: moderate orange pink, (10 R, 2/4) slightly indurated; still tracking steeply dipping clay-filled fracture, by 40.0' fracture is gone; no odors
			ND/ND					
40	15/100	0.8		NA				Tuff: moderate orange pink, (10 R, 7/4); non to slightly indurated; pumice lapilli and devitrified with relict tube structures from 2.0 to 6.0 cm x 3.0 cm; no odors; no staining, fractures or alteration.
								Total Depth = 42.5 ft. Terminated location due to problems with drilling equipment. Borehole was abandoned by backfilling with cuttings and capped with bentonite from 0 to 3 ft bgs. Borehole location revisited and drilled to planned total depth by Stewart Brothers drilling company. See location 21-11240.

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DP Tank Farm Borehole Log (PRS 21-029)

FIMAD Location ID: 21-11240 **Start Date:** 05/18/01 **End Date:** 05/21/01 **Page:** 1 of 5

Depth of Borehole: 95 ft bgs **Borehole Attitude:** Vertical **Coordinates:** 1775551.0N; 1628494.8E

Depth to Groundwater: Not encountered **Geologist:** Tracy McFarland/NCI **Surface Elevation:** 7213.1 ft msl

Drilling Co.: Stanley Johnson/Stewart Brothers **Drilling Equipment/Method:** CME-750; continuous core by 7-in.-o.d. hollow-stem auger with 9 5/8-in. bit
Core Recovery Equipment: 3.5-in.-o.d. stainless steel split spoon

Depth (ft bgs)	Core run/recovery (#/percent)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
0						Soil		Topsoil: very pale orange, (10 YR, 8/2); no odors; no staining, alteration, or fractures; at surface, location is near inferred trace of fracture #36 (see fracture map)
	1/90	1.0		0/411		Qbt3		Tuff: very light gray, (N 8); no odors; no fractures; no staining; no alteration
		1.0	ND/ND	0/436				Tuff: light brown, (5 YR, 5/6); clay altered and unaltered light gray tuff; no odors; no fractures
5								Tuff: very light gray (N8); slightly indurated, thin sections of slightly indurated tuff create a "wafer" appearance in core; phenocryst rich; no odors; no fractures; no staining; no alteration
	2/100	1.2		0/489				Tuff: grayish orange pink, (5 YR, 7/2) to light brownish gray, (5YR, 6/1); slightly indurated, " wafer" appearance in core; devitrified pumice from 0.5 to 1 mm with sugary texture; phenocryst rich; no odors; no fractures; no staining; no alteration
	3/100	1.4	ND/ND	0/462				Tuff: As above; occasional dark brown pumice, up to 5 cm, with weak iron staining; no odors; no fractures; no alteration
10	4/100	1.4		0/559				
	5/100	1.2	ND/ND	0/543				
15								

Note: Borehole drilled adjacent to FY00 location 21-11143 and FY01 location 21-11232
Note: TPH Screening was conducted using immunoassay kits providing detection limits at 40 and 160 ppm
ppm = parts per million
α = alpha particle radiation, β/γ = beta/gamma particle radiation
ND = not detected, NA = not analyzed
NDA = no detectable activity
# = see lithologic description for TPH results from short sample intervals

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FIMAD Location ID: 21-11240

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Depth (ft bgs)	Core run/recovery (#/percent)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/β)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
15	6/100	1.4		0/539				
	7/100	1.2	ND/ND	0/518				
20	8/100	1.2		0/473				
	9/100	1.4	ND/ND	0/539				
25	10/100	1.2		0/485				
	11/100	1.0	ND/ND	0/547				
30	12/100	1.2		0/481				
	13/100	1.2	ND/ND	0/580				Tuff: light brown, (5 YR, 6/4), to pale reddish brown, (10 R,5/4); slightly indurated; pumice and phenocryst rich; occasional clay-altered pumice at 37.5 ft; no odors; no fractures; no staining
35								

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FIMAD Location ID: 21-11240

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Depth (ft bgs)	Core run/recovery (#/percent)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
35	14/100	1.2		0/477	0113			
	15/100	1.2	ND/ND	0/452				Tuff: pale red (10R, 6/2); non indurated; minor iron staining and clay-altered pumice from 39.2 to 39.5 ft and 42.5 to 45 ft; no odors; no fractures; no alteration
40	16/100	1.2		0/461				
	17/100	1.2	ND/ND	0/465				
45	18/100	1.2	ND/ND	0/399				Tuff: pale red (10 YR, 6/2); non indurated; intermittent iron staining with minor clay alteration; no odor; no fractures; sample collected from 46.7 to 47.0 ft
	19/100	1.2	ND/ND	0/621				Tuff: light brownish gray, (5 YR, 6/1); slightly to non indurated; minor iron stain mottling; no odors; no fractures; no alteration
50	20/100	1.4		0/535				Tuff: pale brown, (5 YR, 5/2); slight induration; iron stain mottling in horizontal planes; mottling is also clay altered pumice; no odors; no fractures
	21/100	1.4	ND/ND	0/428				Tuff: pale yellowish brown, (10 YR, 6/2); non indurated; minor iron staining with slight clay alteration; no odors; no fractures; no alteration
55								

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DP Tank Farm Borehole Log (PRS 21-029)

FIMAD Location ID: 21-11240 **Page:** 4 of 5

Depth (ft bgs)	Core run/recovery (#/percent)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
55	22/100	1.4		0/543				Tuff: pale yellowish brown, (10 YR, 6/2); tuff matrix is partially clay altered; no odors; no fractures; no staining
	23/100	1.6	ND/ND	0/489				Tuff: light brownish gray, (5 YR, 6/1); non indurated; iron staining from 59.2 to 60.0 ft; no odors; no fractures; no alteration
60	24/100	1.6		0/514				
	25/100	1.6	ND/ND	0/588				
65	26/100	1.6		0/547				
	27/100	1.6	ND/ND	0/605				
70	28/100	1.6		0/522				
	29/100	1.6	ND/ND	0/580				
75								

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FIMAD Location ID: 21-11240 **Page:** 5 of 5

Depth (ft bgs)	Core run/recovery (ft/percent)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
75	30/100	1.6		0/576				
	31/100	1.6	ND/ND	0/592				
80	32/100	1.6		0/584				Tuff: As above; increase in induration to slightly indurated, "wafer" appearance in core; no odors; no fractures; no staining; no alteration noted
	33/100	1.4	ND/ND	0/539				
85	34/100	1.4	ND/ND	0/494	0114			Tuff: As above; fracture 10 to 15 degrees to core axis, iron stained, 0.05 to 0.1 ft aperture filled with clay-altered tuff; no odors; sample collected from 86.3 to 87.5 ft
	35/100	1.4	ND/ND	0/522				Tuff: light brownish gray, (5YR,6/1); slight induration, "wafer" appearance in core; brown, moist clay in tuff matrix from 88.5 to 89.0 ft; no odors; no fractures; sample and duplicate collected from 93.0 to 94.0 ft
90	36/100	1.6		0/535				
	37/100	1.0	ND/ND	0/551	0078, 0079	Qbt2		Tuff: light brownish gray, (5 YR, 6/1); moderately indurated; applied 1500 pounds of pull down pressure by drill rig; samples collected from Qbt 3 immediately overlying the Qbt 2
95								Total Depth = 95.0 ft. Borehole was abandoned by backfilling with drill cuttings and capped with bentonite from 0 to 3 ft bgs.

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FIMAD Location ID: 21-11241 **Start Date:** 05/21/01 **End Date:** 05/22/01 **Page:** 1 of 5

Depth of Borehole: 87.5 ft bgs **Borehole Attitude:** Vertical **Coordinates:** 1775567.8N; 1628599.9E

Depth to Groundwater: Not encountered **Geologist:** Tracy McFarland/NCI **Surface Elevation:** 7211.6 ft msl

Drilling Co.: Stanley Johnson/Stewart Brothers **Drilling Equipment/Method:** CME-750; continuous core by 7-in.-o.d. hollow-stem auger with 9 5/8-in. bit
Core Recovery Equipment: 3.5-in.-o.d. stainless steel split spoon

Depth (ft bgs)	Core run/recovery (#/percent)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
0	1/100	0.8				Soil Qbt3		Topsoil: moderate brown, (5 YR, 4/4); organic; weathered tuff from 0.8 to 1.0 ft; no odors
								Tuff: pale brown, (5 YR, 2/2); some clay altering; no odors; no fractures; no staining
	2/60	0.8	ND/ND					Tuff: pale red, (10 R, 6/2); slightly indurated, thin sections of slightly indurated tuff create a "wafer" appearance in core; faint iron mottling in linear pattern through core; devitrified, pumice lapilli 0.5 - 2.0 cm; no odors; no fractures; no alteration
5	3/100	0.8		0/424				Tuff: grayish orange pink, (5 YR, 7/2); slightly indurated, "wafer" appearance in core; dark brown pumice; phenocryst rich; no odors; no fractures; no staining; no alteration
	4/100	0.8	ND/ND					Tuff: As above; weathered, staining, roots, trace clay alteration along stain; no odors; no fractures
10	5/100	0.8						Tuff: light gray, (N7) gradual color change to light brownish gray, (5YR, 6/1); phenocryst rich; dark brown pumice, 2%; no odors; no fractures; no staining; no alteration
	6/100	0.8	ND/ND					
15				0/489				

Note: Borehole drilled adjacent to FY00 location 21-11144
Note: TPH Screening was conducted using immunoassay kits providing detection limits at 40 and 160 ppm
ppm = parts per million
α = alpha particle radiation, β/γ = beta/gamma particle radiation
ND = not detected, NA = not analyzed
NDA = no detectable activity
# = see lithologic description for TPH results from short sample intervals

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FIMAD Location ID: 21-11241 **Page:** 2 of 5

Depth (ft bgs)	Core run/recovery (#/percent)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/βγ)	Sample Number (MID21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
15	7/100	0.7		0/489				
	8/100	0.8	ND/ND					Tuff: light brownish gray, (5YR, 6/1); slight induration, "wafer" appearance in core; dark brown pumice lapilli and trace iron staining; no odors; no fractures; no alteration
20	9/100	0.8						
	10/100	0.8	ND/ND					
25	11/100	0.8		0/553				
	12/100	0.8	ND/ND ND/ND					Tuff: As above; fracture and iron staining from 27.5 to 28.4 ft; no odors Tuff: light brown, (5YR, 6/4) to light gray, (N7); slight induration, "wafer" appearance in core; dark brown pumice lapilli; iron staining noted from 30.0 to 31.8 ft and from 33.5 to 35.0 ft with trace clay alteration; no odors; no fractures
30	13/100	0.8						
	14/100	0.8	ND/ND					
35				0/489				

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FIMAD Location ID: 21-11241 **Page:** 3 of 5

Depth (ft bgs)	Core run/recovery (ft/percent)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
35	15/100	0.8		0/489				
	16/100	0.8	D/ND		0117			Tuff: As above; iron stained fracture at high angle to core axis, nearly perpendicular, with clay-filled 1 to 2.5 cm aperture; no odors; sample collected from 39.0 to 40.0 ft
40	17/100	0.8						Tuff: very light gray, (N8); non to slightly indurated; no odors; no fractures; no staining; no alteration
	18/100	0.8	ND/ND					Tuff: As above; slightly to moderately indurated; minor staining noted at 42.2 ft; no odors
45	19/100	0.7		0/465				Tuff: very light gray, (N8); slightly indurated; minor staining noted from 45.5 to 47.0 ft; minor alteration to clay; no odors; no fractures
	20/100	0.8	ND/ND		0116			Tuff: As above; iron stained fracture from 48 to 53 ft, roots; no odor; sample collected from 49.0 to 50.0 ft
50	21/100	0.8						Tuff: very light gray, (N8); matrix < 40% , slightly indurated; iron stained fracture from 50.0 to 53.0 ft; significant iron staining with minor clay alteration, staining appears as orange mottling; no odors
	22/100	0.8	ND/ND					Tuff: light gray, (N7); non indurated; no odors; no fractures; no staining; no alteration
55				0/568				Tuff: pale red, (10R, 6/2); non indurated; no odors; no fractures; no staining; no alteration

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FIMAD Location ID: 21-11241 **Page:** 4 of 5

Depth (ft bgs)	Core run/recovery (#/percent)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
55	23/100	0.8		0/568				
	24/100	0.8	ND/ND					
60	25/100	0.8						Tuff: light brownish gray, (5YR, 6/1); non indurated; iron staining noted from 64.7 to 65.0 ft; no odors; no fractures; no alteration
	26/100	0.8	ND/ND					
65	27/100	0.8		0/551				
	28/100	0.8	ND/ND					
70	29/100	0.8						
	30/100	0.8	ND/ND					
75				0/510				

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Depth (ft bgs)	Core run/recovery (#/percent)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
75	31/100	0.8		0/510				Tuff: As above; gradual increase in induration to slightly indurated; iron staining from 77.8 to 78.2 ft; no odors; no fractures; no alteration
	32/100	0.8	ND/ND					
80	33/100	1.0						Tuff: pale brown, (5 YR, 5/2); slightly indurated, "wafer" appearance in core; iron staining from 83.5 to 85.0 ft; no odors; no fractures; no alteration
	34/100	0.8	ND/ND	0/535				
85	35/100	0.8	ND/ND		0115	Qbt2		Tuff: pale red, (5R, 6/2); drill rig applied 1300 pounds pull down to advance to 87.5 ft; no odors; no fractures; no staining; no alteration; sample collected from 85.0 to 86.0 ft
								Total Depth = 87.5 ft. Borehole was abandoned by backfilling with drill cuttings and capped with bentonite from 0.0 to 3.0 ft bgs.

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DP Tank Farm Borehole Log (PRS 21-029)

FIMAD Location ID: 21-11242 **Start Date:** 05/22/01 **End Date:** 05/23/01 **Page:** 1 of 5

Depth of Borehole: 94.5 ft bgs **Borehole Attitude:** Vertical **Coordinates:** 1775565.0N; 1628580.7E

Depth to Groundwater: Not encountered **Geologist:** Tracy McFarland/NCI **Surface Elevation:** 7212.8 ft msl

Drilling Co.: Stanley Johnson/Stewart Brothers **Drilling Equipment/Method:** CME-750; continuous core by 7-in.-o.d. hollow-stem auger with 9 5/8-in. bit
Core Recovery Equipment: 3.5-in.-o.d. stainless steel split spoon

Depth (ft bgs)	Core run/recovery (#/percent)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
0	1/100	0.8				Soil		Topsoil: moderate brown, (5 YR, 4/4); highly organic; no odors
						Qbt3		Tuff: pale yellowish brown, (10 YR, 6/2); weathered; no odors
	2/100	0.8	ND/ND					Tuff: pale brown, (5 YR, 5/2); slightly indurated; thin sections of slighlty indurated tuff create a "wafer" appearance in core; minor iron staining; pumice lapilli from 0.5 to 2.0 cm; phenocryst-rich; no odors; no fractures; no alteration
5	3/100	0.8		0/563				
	4/100	0.8	ND/ND					
10	5/100	0.8						
	6/100	0.8	ND/ND					Tuff: pale yellowish brown, (10YR, 6/2); slightly indurated, "wafer" appearance in core; phenocryst-rich; iron staining noted from 13.1 to 13.2 ft and from 16.9 to 17.5 ft; no odors; no fractures; no alteration
15				0/444				

Note: Borehole drilled adjacent to FY00 location 21-11145
Note: TPH Screening was conducted using immunoassay kits providing detection limits at 40 and 160 ppm
ppm = parts per million
α = alpha particle radiation, β/γ = beta/gamma particle radiation
ND = not detected, NA = not analyzed
NDA = no detectable activity
# = see lithologic description for TPH results from short sample intervals

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Depth (ft bgs)	Core run/recovery (#/percent)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
15	7/100	0.8		0/444				
	8/100	0.8	ND/ND					Tuff: As above; slightly to moderately indurated; iron stained pumice lapilli to 1.0 cm, equant shaped; no odors
20	9/100	0.8						Tuff: very light gray, (N8) to light brownish gray, (5YR,6/1); slightly indurated; intermittent iron staining from 22.7 to 23.9 ft and from 25.2 to 25.7 ft; no odors; no fractures; no alteration
	10/100	0.8	ND/ND					
25	11/100	0.8		0/617				
	12/100	0.8	ND/ND					
30	13/100	0.8						Tuff: light gray (N7); slightly indurated, "wafer" appearance in core; iron stained pumice, up to 6 cm from 31.0 to 31.5 ft; pumice up to 4.5 cm noted from 35.2 ft to 36.8 ft; phenocryst-rich; iron stained matrix from 30.5 to 30.7 ft and at 39.0 to 41.3 ft; no odors, no fractures; no alteration
	14/100	0.8	ND/ND					
35				0/514				

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Depth (ft bgs)	Core run/recovery (#/percent)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
35	15/100	0.8		0/514				
	16/100	0.8	ND/ND					
40	17/100	0.8	ND/ND					Tuff: As above; iron stained fracture with root noted at 41.3 to 41.8ft; no odors
	18/100	0.8	ND/ND					Tuff: light gray (N7); slightly indurated, "wafer" appearance in core; iron staining noted from 44.5 to 45.0 ft and from 47.5 to 48.0 ft; no odors, no fractures; no alteration
45	19/100	0.8		0/535				
	20/100	0.8	D/ND		0118			Tuff: very light gray, (N8); non indurated; iron stained fracture at 49.0 ft; iron staining noted from 50.9 to 51.0 ft; no odors; no alteration; sample collected from 49.0 to 50.0 ft
50	21/100	0.8						
	22/100	0.8	ND/ND					Tuff: light gray, (N7); non indurated; iron staining noted at 53.5 ft and from 56.4 to 56.5 ft; no odors; no fractures; no alteration; sample collected from 59.0 to 60.0 ft
55				0/568				

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FIMAD Location ID: 21-11242 **Page:** 4 of 5

Depth (ft bgs)	Core run/recovery (#/percent)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
55	23/100	0.8		0/568				
	24/100	0.8	D/D		0119			
60	25/100	0.8						
	26/100	0.8	ND/ND					Tuff: As above; iron staining noted at 62.5 ft; no odors; no fractures; no alteration
65	27/100	0.8		0/617				
	28/100	0.8	ND/ND					
70	29/100	0.8						Tuff: light gray, (N7); non to slightly indurated; iron staining noted from 71.2 to 71.4 ft; no odors; no fractures; no alteration; sample collected fom 74.0 to 75.0 ft
	30/100	0.8	D/ND		0120			
75				0/473				

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Depth (ft bgs)	Core run/recovery (#/percent)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
75	31/100	0.8		0/473				Tuff: very light gray, (N8); slightly to non indurated; phenocryst-rich; no odors; no fractures; no staining; no alteration; sample collected from 79.0 to 80.0 ft
	32/100	0.8	D/D		0121			
80	33/100	0.8						Tuff: light brownish gray, (5YR, 6/1); slightly indurated, "wafer" appearance in core; no odors; no fractures; no staining; no alteration
	34/100	0.8	ND/ND	0/572				
85	35/100	0.8						
	36/100	0.8	ND/ND			Qbt2		Tuff: pale red (5 R, 6/2) to (10 R, 6/2); moderately indurated; slightly welded; sample collected from 94.0 to 94.5 ft; no odors; no fractures; no staining; no alteration
90	37/100	0.8		0/461				
	38/100	0.8	ND/ND		0122			

Total Depth = 94.5 ft. Borehole was abandoned by backfilling with drill cuttings and capped with bentonite from 0.0 to 3.0 ft bgs.

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DP Tank Farm Borehole Log (PRS 21-029)

FIMAD Location ID: 21-11243 **Start Date:** 05/23/01 **End Date:** 05/24/01 **Page:** 1 of 5

Depth of Borehole: 85 ft bgs **Borehole Attitude:** Vertical **Coordinates:** 1775588.4N; 1628550.1E

Depth to Groundwater: Not encountered **Geologist:** Tracy McFarland/NCI **Surface Elevation:** 7210.7 ft msl

Drilling Co.: Stanley Johnson/Stewart Brothers **Drilling Equipment/Method:** CME-750; continuous core by 7-in.-o.d. hollow-stem auger with 9 5/8-in. bit
Core Recovery Equipment: 3.5-in.-o.d. stainless steel split spoon

Depth (ft bgs)	Core run/recovery (#/percent)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
0	1/100	0.8		0/382		Tops		Topsoil: dark yellowish brown, (10 YR, 4/2); organic; roots; no odors
						Qbt3		Tuff: pale yellowish brown, (10 YR, 6/2); weathered; no odors; no fractures; no staining; no alteration
	2/100	0.8	ND/ND ND/ND	0/358				Tuff: light brownish gray, (5 YR, 6/1); iron stained; roots; no odors; no fractures; no alteration
5	3/100	0.8		0/368				Tuff: light gray, (N7); slightly indurated, thin sections of slightly indurated tuff create a "wafer" appearance in core; devitrified pumice lapilli from 0.5 to 2 cm with sugary texture; phenocryst-rich; no odors; no fractures; no staining; no alteration
	4/100	0.8	ND/ND	0/370				
10	5/100	0.8		0/390				
	6/100	0.8	ND/ND	0/382				
15								

Note: Borehole drilled adjacent to FY00 location 21-11146
Note: TPH Screening was conducted using immunoassay kits providing detection limits at 40 and 160 ppm
ppm = parts per million
α = alpha particle radiation, β/γ = beta/gamma particle radiation
ND = not detected, NA = not analyzed
NDA = no detectable activity
# = see lithologic description for TPH results from short sample intervals

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Depth (ft bgs)	Core run/recovery (#/percent)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
15	7/100	0.8		0/392				Tuff: light gray, (N7); weak iron-stained fracture and roots at 16.5 ft, no clay; slight to moderate induration; no odors; no alteration
	8/100	0.8	ND/ND	0/398				Tuff: As above; intermittent iron staining from 17.5 to 18.5 ft, and 19.5 to 19.6 ft; no odors
20	9/100	0.8		0/402				Tuff: light gray (N7); slight induration; significant iron stained mottling throughout core; minor clay altered pumice; no odors; no fractures
	10/100	1.0	ND/ND	0/401				
25	11/100	1.0		0/400				Tuff: very light gray (N8); slight to moderate induration; pumice up to 6 cm, stained with manganese oxide from 26.7 to 27.5 ft; no odors
	12/100	1.1	ND/ND	0/399				Tuff: As above; slight induration; pumice stained with manganese oxide at 29.2 ft; no odors
30	13/100	1.1		0/409				Tuff: matrix very light gray, (N8); non to slighlty indurated, "wafer" appearance in core; significant iron staining throuhout core, grayish orange; iron stained clay altered pumice; no odors; no fractures
	14/100	1.1	ND/ND	0/398				Tuff: matrix very light gray (N8); slight to moderate induration; pumice up to 4.5 cm; phenocryst-rich; manganese oxide staining from 32.5 to 33.3 ft; intermittent iron staining; no odors; no fractures; no alteration
35								

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Depth (ft bgs)	Core run/recovery (#/percent)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
35	15/100	1.1		0/410				
								Tuff: light gray, (N7) to brownish gray, (5YR,6/1); non indurated, minor slight induration; iron staining from 37.2 to 37.5 ft and 37.5 to 38.3 ft; no odors; no fractures; no alteration; sample collected from 39.0 to 40.0 ft
	16/100	1.1	D/ND	0/410	0125			
40	17/100	1.1		0/398				Tuff: As above; iron staining noted from 40 to 45 ft; sample collected from 44.0 to 45.0 ft
	18/100	1.1	ND/ND	0/415	0124			
45	19/100	1.1		0/410				Tuff: gradual color change from light gray (N7) to very light gray (N8); nonindurated; no odors; no fractures; no staining; no alteration
	20/100	1.1	ND/ND	0/400				
50	21/100	1.1		0/411				
	22/100	1.1	ND/ND	0/392				Tuff: light brownish gray; (5 YR, 6/1); nonindurated; no odors; no fractures; no staining; no alteration
55								

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Depth (ft bgs)	Core run/recovery (ft/percent)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
55	23/100	1.1		0/399				
	24/100	1.1	ND/ND	0/403				
60	25/100	1.1		0/412				
	26/100	1.1	ND/ND	0/404				
65	27/100	1.1		0/399				Tuff: As above; gradual increase in induration; non to slightly indurated, predominately non-indurated; no odors
	28/100	1.1	ND/ND	0/396				
70	29/100	1.1		0/405				
	30/100	1.2	ND/ND	0/412				
75								

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Depth (ft bgs)	Core run/recovery (#/percent)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α / βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
75	31/100	1.2		0/401				Tuff: grayish orange pink, (10 R, 8/2); mangenese oxide staining; pumice up to 6 cm
	32/100	1.2	ND/ND	0/391				
80	33/100	1.2						
	34/100	1.2	ND/ND	0/394	0123			Tuff: As above; non to slightly indurated creating a wafered appearance in core
85						Qbt2		Tuff: Qbt 2; pale red, (5 R, 6/2); sample collected from from 84.0 to 85.0 ft

Total Depth = 85.0 ft. Borehole was abandoned by backfilling with drill cuttings and capped with bentonite from 0.0 to 3.0 ft bgs.

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Environmental Restoration Project
DP Tank Farm Borehole Log (PRS 21-029)

FIMAD Location ID: 21-11244 **Start Date:** 05/24/01 **End Date:** 05/25/01 **Page:** 1 of 6

Depth of Borehole: 104.5 ft bgs **Borehole Attitude:** Vertical **Coordinates:** 1775508.1N; 1628509.0E

Depth to Groundwater: Not encountered **Geologist:** Tracy McFarland/NCI **Surface Elevation:** 7222.6 ft msl

Drilling Co.: Stanley Johnson/Stewart Brothers **Drilling Equipment/Method:** CME-750; continuous core by 7-in.-o.d. hollow-stem auger with 9 5/8-in. bit
Core Recovery Equipment: 3.5-in.-o.d. stainless steel split spoon

Depth (ft bgs)	Core run/recovery (#/percent)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
0	1/92	1.2		0/317		Fill		Fill: moderate brown (5 YR, 4/4) to (5YR, 3/4); organic; no odors
	2/52	1.2	ND/ND	0/321				Fill: moderate brown, (5 YR, 3/4) organic; light brown tuff fragments; no odors
5	3/100	1.2		0/333				
	4/100	1.2	D/ND	0/440	0126	Soil		Soil: lower soil horizon; no odors; sample collected from 9.0 to 10.0 ft
10	5/100	1.4		0/239		Qbt3		Tuff: grayish orange pink, (5 YR, 7/2); slight to moderate induration; iron stained pumice and roots noted at 11.0 ft; iron stained fracture from 12.0 to 14.4 ft; no odors; no alteration
	6/100	1.4	ND/ND	0/271				
15								

Note: Borehole drilled adjacent to FY00 location 21-11152
Note: TPH Screening was conducted using immunoassay kits providing detection limits at 40 and 160 ppm
ppm = parts per million
α = alpha particle radiation, β/γ = beta/gamma particle radiation
ND = not detected, NA = not analyzed
NDA = no detectable activity
# = see lithologic description for TPH results from short sample intervals

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DP Tank Farm Borehole Log (PRS 21-029)

FIMAD Location ID: 21-11244 **Page:** 2 of 6

Depth (ft bgs)	Core run/recovery (#/percent)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α / βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
15	7/100	1.4		0/382				Tuff: pale yellowish brown (10 YR, 6/2); slight induration, thin sections of slightly indurated tuff create a "wafer" appearance in core; dark brpown pumice to 1 cm; iron-rich relics after sanidine phenocrysts; iron stained fracture, 1 cm aperture with orange brown clay infilling from 15.2 to 18.6 ft; no odors
	8/100	1.4	ND/ND	0/407				Tuff: very light gray, (N8) with pale yellowish brown (10YR, 6/2); moderate indurated; clay-filled fracture continues to 18.6 ft; devitrified pumice lapilli from 0.5 to 2.0 cm, pumice has sugary texture; no odors Tuff: pale yellowish brown (10YR, 6/2); moderate induration; devitrified pumice lapilli from 0.5 to 2.0 cm, pumice has sugary texture; no odors; no fractures; no staining; no alteration
20	9/100	1.4		0/329				Tuff: As above; slightly indurated, "wafer" appearance in core; no odors; no fractures; no staining; no alteration
	10/100	1.4	ND/ND	0/448				Tuff: pale yellowish brown (10 YR, 6/2); slight induration, "wafer" appearance; intermittent iron staining from 23.3 to 23.5 ft and from 27.0 to 27.3 ft; mangenese oxide staining at 29.0 to 29.2 ft; no odors; no fractures; no alteration
25	11/100	1.4		0/543				
	12/100	1.4	ND/ND	0/420				
30	13/100	1.4		0/485				Tuff: light gray, (N7); slight induration; dark brown pumice; iron-stained, clay-filled fracture from 32.7 to 34.5 ft, 0.5 cm aperture; no odors; no alteration
	14/100	1.4	ND/ND	0/461				
35								

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FIMAD Location ID: 21-11244 **Page:** 3 of 6

Depth (ft bgs)	Core run/recovery (#/percent)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α / βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
35	15/100	1.0	ND/ND	0/424	0128			Tuff: light gray, (N7); slight to moderate induration; iron stained fracture from 36.0 to 46.1 ft, 1" aperture filled with orange brown clay; roots at 37.0 and 44 ft; no odors; sample collected from 39.0 to 40.0 ft
	16/100	1.0	ND/ND	0/415				
40	17/32	1.0		0/387				
	18/100	1.0	ND/ND	0/555				Tuff: yellowish gray, (5Y, 8/1); slight to non indurated; iron-stained fracture continues; roots noted at 44 ft; no odors
45	19/100	1.0		0/387				Tuff: light gray, (N7); non to slight induration, core breaks apart easily; fracture continues to 46.1 ft; significant iron staining with slight clay alteration; no odors
	20/100	1.0	ND/ND	0/481				
50	21/100	1.0		0/502				Tuff: light gray, (N7); slight to moderate induration; iron staining noted at 51.0 ft and at 54.0 ft; no odors; no fractures; no alteration
	22/100	1.0	ND/ND	0/457				
55								

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FIMAD Location ID: 21-11244 **Page:** 4 of 6

Depth (ft bgs)	Core run/recovery (ft/percent)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
55	23/100	1.0		0/432				Tuff: As above; slight induration; no odors; no fractures; no staining; no alteration
	24/100	1.0	ND/ND	0/535				Tuff: light gray, (N7); non to slight induration; no odors; no fractures; no staining; no alteration
60	25/100	1.0		0/461				Tuff: light gray, (N7); nonindurated; intermittent iron staining noted from 60.4 to 78.9 ft, slight clay alteration associated with staining; marked iron staining from 62.9 to 63.4 ft; no odors; no fractures
	26/100	1.0	ND/ND	0/415				
65	27/100	1.0		0/452				
	28/100	1.0	ND/ND	0/378				
70	29/100	1.0		0/420				
	30/100	1.0	ND/ND	0/477				
75								

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FIMAD Location ID: 21-11244 **Page:** 5 of 6

Depth (ft bgs)	Core run/recovery (#/percent)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
75	31/100	1.0		0/432				
	32/100	1.0	ND/ND	0/465				
80	33/100	1.0		0/395				Tuff: light brownish gray, (5YR,6/1); non indurated; trace staining; no odors; no fractures; no alteration
	34/100	1.0	ND/ND	0/395				Tuff: light brownish gray, (5 YR, 6/1); non indurated; no odors; no fractures; no staining; no alteration
85	35/100	1.0		0/391				
	36/100	1.0	ND/ND	0/457				
90	37/100	1.0		0/452				Tuff: light brownish gray, (5YR, 6/1); slight to non indurated, "wafer" appearance in core; occasional dark brown pumice; phenocryst-rich; fracture noted from 92.5 to 94.5 ft; no odors; no staining; no alteration
	38/100	1.0	ND/ND	0/424				
95								

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FIMAD Location ID: 21-11244 **Page:** 6 of 6

Depth (ft bgs)	Core run/recovery (#/percent)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
95	39/100	1.0		0/457				
	40/100	1.0	ND/ND	0/551				Tuff: As above; trace iron staining from 98.5 to 99.5 ft; no odors; no fractures; no alteration
100	41/100	1.0		0/444				Tuff: light brownish gray, (5YR,6/1); slight to moderate induration, "wafer" appearance in core; trace staining; no odors; no fractures; no alteration
	42/100	1.0	ND/ND	0/494	0127	Qbt2		Tuff: moderately indurated, slightly welded; no odors; no fractures; no staining; no alteration; sample collected from 104.0 to 104.5 ft

Total Depth = 104.5 ft. Borehole was abandoned by backfilling with drill cuttings and capped with bentonite from 0.0 to 3.0 ft bgs.

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DP Tank Farm Borehole Log (PRS 21-029)

FIMAD Location ID: 21-11245 **Start Date:** 05/29/01 **End Date:** 05/30/01 **Page:** 1 of 6

Depth of Borehole: 104 ft bgs **Borehole Attitude:** Vertical **Coordinates:** 1775535.1N; 1628398.4E

Depth to Groundwater: Not encountered **Geologist:** Jon Marin/SAIC **Surface Elevation:** 7226.0 ft msl

Drilling Co.: Stanley Johnson/Stewart Brothers **Drilling Equipment/Method:** CME-750; continuous core by 7-in.-o.d. hollow-stem auger with 9 5/8-in. bit
Core Recovery Equipment: 3.5-in.-o.d. stainless steel split spoon

Depth (ft bgs)	Core run/recovery (#/percent)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
0	1/100	1.0		0/502		Qbt3		Topsoil: moderate yellowish brown, (10 YR, 5/4); organic; clay rich; no odors
	2/100	1.0	ND/ND ND/ND	0/457				Tuff: very pale orange, (10 YR, 8/2) to pinkish gray, (5 YR, 8/1); slightly indurated, thin sections of slightly indurated tuff create a "wafer" appearance in core; oxidized tuff from 3.8 to 4.2 ft; no odors; no fractures; no alteration
5	3/100	1.0		0/378				
	4/100	1.0	ND/ND	0/321				
10	5/80	1.0		0/444				Tuff: very pale orange, (10YR, 8/2); moderately indurated; localized weak iron staining; no odors; no alteration
	6/100	1.0	ND/ND	0/288				Tuff: light brownish gray, (5YR,6/1); slightly indurated, "wafer" appearance in core; localized weak iron staining; occasional clay alteration and roots along iron staining; occasional pumice; iron-rich relics after sanidine phenocrysts; no odors; no fractures
15								

Note: Borehole drilled adjacent to FY00 location 21-11149
Note: TPH Screening was conducted using immunoassay kits providing detection limits at 40 and 160 ppm
ppm = parts per million
α = alpha particle radiation, β/γ = beta/gamma particle radiation
ND = not detected, NA = not analyzed
NDA = no detectable activity
# = see lithologic description for TPH results from short sample intervals

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DP Tank Farm Borehole Log (PRS 21-029)

FIMAD Location ID: 21-11245 **Page:** 2 of 6

Depth (ft bgs)	Core run/recovery (#/percent)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
15	7/100	1.0		0/473				Tuff: As above; non to slight induration; no odors; no fractures
	8/100	1.0	ND/ND	0/502				Tuff: pale brown, (5yr, 5/2); slightly indurated, "wafer" appearance in core; dark brown pumice; crystal rich; iron-rich phenocrysts after sanidine; localized weak iron staining; no odors; no fractures; no alteration
20	9/100	1.0		0/568				
	10/100	1.0	ND/ND	0/440				Tuff: pale yellowish brown, (10 YR, 6/2); slight induration, "wafer" appearance in core; iron staining throughout matrix; oxidized pumice lapilli at 27.0 ft; no odors; no fractures; no alteration
25	11/100	1.0		0/358				
	12/100	1.0	ND/ND	0/378				
30	13/100	1.1		0/420				Tuff: light brownish gray, (5YR,6/1); slight induration; dark brown pumice, iron-rich relics after sanidine phenocrysts; no odors; no fractures; no staining; no alteration; sample collected from 34.0 to 35.0 ft
	14/100	1.1	D/ND	0/436	0129			
35								

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Environmental Restoration Project
DP Tank Farm Borehole Log (PRS 21-029)

FIMAD Location ID: 21-11245 **Page:** 3 of 6

Depth (ft bgs)	Core run/recovery (#/percent)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
35	15/100	1.2		0/452				
	16/100	1.2	ND/ND	0/457				Tuff: As above; fracture at 15 degrees to core axis, 1 cm clay-filled aperture; no odors
40	17/100	1.2		0/411				Tuff: pale yellowish brown (10YR, 6/2); slight induration; localized iron staining in matrix from 40.0 through 44.8 ft; no odors; no fractures; no alteration
	18/100	1.2	ND/ND	0/461				
45	19/100	1.2		0/444				Tuff: fine ash could be possible surge bed from 45.1 to 45.2 ft; no odors
	20/100	1.2	ND/ND	0/543				Tuff: very pale orange, (10 YR, 8/2) to pinkish gray, (5 YR, 8/1); non to slighlty indurated; iron staining throughout matrix from 48.7 to 50 ft; no odors; no fractures; no alteration
50	21/100	1.2		0/403				Tuff: As above; trace iron staining; no odors
	22/100	1.2	ND/ND	0/440				Tuff: pinkish gray, (5 YR,8/1) to light brownish gray, (5YR, 6/1); non to slight induration; localized iron-stained pumice;no odors; no fractures; no alteration
55								

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FIMAD Location ID: 21-11245 **Page:** 4 of 6

Depth (ft bgs)	Core run/recovery (#/percent)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
55	23/100	1.2		0/469				
	24/100	1.2	ND/ND	0/436				Tuff: light brown, (5YR, 5/6); nonindurated; weathered diesel odor; localized iron staining throughout core
60	25/100	1.4		0/444				Tuff: very pale orange, (10 YR, 8/2); non-indurated; weathered diesel odor; no fractures; no staining
	26/100	2.3	D/ND	0/498	0130			Tuff: light brownish gray, (5 YR, 6/1); non-indurated; weathered diesel odor; no fractures; no staining; occasional white mottling; sample collected from 64.0 to 65.0 ft, 69.0 to 70.0 ft, and 79.0 to 80.0 ft
65	27/100	2.1		0/411				
	28/100	3.0	D/ND	0/518	0131			
70	29/100	2.0		0/415				
	30/100	1.0	ND/ND	0/465				
75								

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DP Tank Farm Borehole Log (PRS 21-029)

FIMAD Location ID: 21-11245 **Page:** 5 of 6

Depth (ft bgs)	Core run/recovery (#/percent)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/βγ)	Sample Number (MID21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
75	31/100	1.0		0/440				
	32/100	1.2	D/ND	0/498	0132			
80	33/100	1.8		0/432				
	34/100	3.0	D/ND	0/452	0133			Tuff: As above; weathered; diesel odors persist; very slight increase in induration; sample collected from 84.0 to 85.0 ft
85	35/100	2.5		0/481				
	36/100	3.0	D/ND	0/543	0134			Tuff: very light gray (N8); slight to non-indurated; weak weathered diesel odor; no fractures; no stains; no alteration; sample collected from 89.0 to 90.0 ft
90	37/100	2.0		0/382				Tuff: As above; slight induration, slight "wafer" appearance; weak diesel odor
	38/100	3.0	ND/ND	0/407				Tuff: very light gray, (N8); moderate induration; weak diesel odor; no fractures; no staining; no alteration
95								

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FIMAD Location ID: 21-11245 **Page:** 6 of 6

Depth (ft bgs)	Core run/recovery (#/percent)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
95	39/100	1.0		0/420				Tuff: gradual color change to grayish orange pink, (5 YR, 7/2); slightly indurated, "wafer" appearance in core; weak diesel odor to 96 ft; no fractures; no staining; no alteration
	40/100	1.0	ND/ND	0/469				
100	41/100	1.0		0/461				Tuff: pale red, (10 R, 6/2); moderately indurated, wafer appearance in core; no fractures; no staining; no alteration; sample and duplicate collected from 103.0 to 104.0 ft
	42/100	1.0	ND/ND	0/531	0135, 0136			
						Qbt2		Tuff: Qbt 2; drill rig applied 1400 lbs pull down pressure; strongly indurated.

Total Depth = 104.0 ft. Borehole was abandoned by backfilling drill cuttings and capped with bentonite from 0.0 to 3.0 ft bgs.

Appendix I

Auger Hole Logs

Los Alamos National Laboratory
Environmental Restoration Project
DP Tank Farm Borehole Log (PRS 21-029)

FIMAD Location ID: 21-11247 **Start Date:** 06/04/01 **End Date:** 06/04/01 **Page:** 1 of 1

Depth of Borehole: 6.0 ft bgs **Borehole Attitude:** Vertical **Coordinates:** 1775393.3N; 1628579.2E

Depth to Saturated Zone: Not encountered **Geologist:** Catherine Goetz/SAIC **Surface Elevation:** 7233.3 ft msl

Field Team Leader/Co.: Jon Marin/SAIC **Hand Auger Equipment:** 4-in.-o.d. stainless steel hand auger bucket and extension rods

Depth (ft bgs)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
0					Fill		Fill: clayey silt; moderate yellowish brown, (10 YR, 5/4); less than 5% small gravels; occasional angular tuff fragments up to 1-in. diameter; low to nonplastic; loose; dry to damp; no odors
1							Fill: clayey silt; moderate brown, (10YR, 4/4); low to nonplastic; loose; dry to damp; asphalt fragment noted at 1.5 ft; increase in tuff fragments; no odors; sample collected from 1.5 to 2.0 ft
	0.1	ND/ND	0/470	0140			
2							Fill: clayey silt; moderate brown (10YR, 4/4); loose; dry to damp; slightly indurated tuff fragments to 3 in., light gray (N7); no odors
3							Fill: clayey silt; as above; 5 to 10 % asphalt gravels (base coarse) and rounded gravels up to 2-in. diameter noted; increase in grey tuff fragments to 5%; no odors
	0.1	ND/ND	0/477				
4							Fill: clayey silt; moderate brown, (10YR, 4/4); low to non plastic; loose; damp; decrease in base coarse and rounded gravels; no odors
5							
	0.1	ND/ND	0/473	0141			Fill: clayey silt; as above; 5 to 10% angular tuff fragments 1- to 2-in. diameter; no odors; sample collected from 5.5 to 6.0 ft
6							Total Depth 6.0 ft; borehole backfilled with cuttings and capped with bentonite plug

Note: Borehole hand augered approximately 30 ft east of FY00 location 21-11140
Note: TPH Screening was conducted using immunoassay kits providing detection limits at 40 and 160 ppm
ppm = parts per million
α = alpha particle radiation, β/γ = beta/gamma particle radiation
ND = not detected
NDA = no detectable activity
# = see lithologic description for TPH results from short sample intervals

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DP Tank Farm Borehole Log (PRS 21-029)

FIMAD Location ID: 21-11248 **Start Date:** 06/04/01 **End Date:** 06/04/01 **Page:** 1 of 1

Depth of Borehole: 0.5 ft bgs **Borehole Attitude:** Vertical **Coordinates:** 1775654.0N; 1628520.0E

Depth to Saturated Zone: saturated sediments at 0.0 ft bgs **Geologist:** Tracy McFarland/NCI **Surface Elevation:** 7190.4 ft msl

Field Team Leader/Co.: Jon Marin/SAIC **Hand Auger Equipment:** 3 1/4-in. stainless steel hand auger bucket and extension rods

Depth (ft bgs)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
0	8.0	D/D	0/461	0142	Qal		SM: Silty sand; dark gray, (N3); 80 to 90% very fine to coarse sands, predominately subangular grains; 10 to 15% fines; trace gravels; loose; saturated; roots, pine needles; strong diesel odor; sample collected from 0.0 to 0.5 ft
							Total Depth 0.5 ft

Note: Borehole hand augered adjacent to FY00 location 21-11132 and FY01 location 21-11265
Note: TPH Screening was conducted using immunoassay kits providing detection limits at 40 and 160 ppm
ppm = parts per million
α = alpha particle radiation, β/γ = beta/gamma particle radiation
ND = not detected
NDA = no detectable activity
# = see lithologic description for TPH results from short sample intervals

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DP Tank Farm Borehole Log (PRS 21-029)

FIMAD Location ID: 21-11249	**Start Date:** 06/06/01	**End Date:** 06/06/01	**Page:** 1 of 1
Depth of Borehole: 6.0 ft bgs	**Borehole Attitude:** Vertical	**Coordinates:** 1775645.9N; 1628511.3E	
Depth to Saturated Zone: Not encountered	**Geologist:** Catherine Goetz/SAIC	**Surface Elevation:** 7194.7 ft msl	
Field Team Leader/Co.: Jon Marin/SAIC	**Hand Auger Equipment:** 3 1/4-in. stainless steel hand auger bucket and extension rods		

Depth (ft bgs)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
0					Qal		ML: clayey sandy silt; dark yellowish brown, (10 YR, 4/2); very fine sand/silt ; minor clay; trace gravels to 1-cm diameter; non to slight plasticity; loose; dry to damp; rootlets; no odor
1							ML: As above; less than 5% light gray angular tuff gravels to 5-cm diameter; no odors
	4.1	D/D	0/481	0143			
2							ML: As above; increase in tuff gravels to 10 to 15%; sample collected from 1.5 to 2.0 ft; no odors
							ML: As above; slight increase in very fine sands; no odors
3					Qbt3		Tuff: brownish gray (5YR, 4/1); slight moisture alteration; soft; crystal rich; damp; no odors; sample collected from 3.5 to 4.0 ft.
	0.9	D/ND	0/415	0144			
4							Tuff: light brownish gray (5YR,6/1); slight induration, difficult hand augering; no moisture alteration; dry to damp; 1 in. welded lithic; sample and duplicate sample collected from 5.5 to 6.0 ft.
5							
	0.9	ND/ND	0/477	0145, 0146			
6							Total Depth 6.0 ft. Borehole backfilled with cuttings and capped with bentonite plug

Note: Borehole hand augered adjacent to FY00 location 21-11134
Note: TPH Screening was conducted using immunoassay kits providing detection limits at 40 and 160 ppm
ppm = parts per million
α = alpha particle radiation, β/γ = beta/gamma particle radiation
ND = not detected
NDA = no detectable activity
# = see lithologic description for TPH results from short sample intervals

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Environmental Restoration Project
DP Tank Farm Borehole Log (PRS 21-029)

FIMAD Location ID: 21-11250 **Start Date:** 06/07/01 **End Date:** 06/07/01 **Page:** 1 of 1

Depth of Borehole: 4.0 ft bgs **Borehole Attitude:** Vertical **Coordinates:** 1775640.8N; 1628532.4E

Depth to Saturated Zone: Not encountered **Geologist:** Catherine Goetz/SAIC **Surface Elevation:** 7192.8 ft msl

Field Team Leader/Co.: Jon Marin/SAIC **Hand Auger Equipment:** 2 1/4-in. and 4-in. stainless steel hand auger buckets and extension rods

Depth (ft bgs)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
0					Qal		SM: silty sand; dark yellowish brown, (10YR, 4/2); very fine to fine sands; nonplastic; loose; damp; no odors
1							SM: silty sand; moderate yellowish brown, (10YR, 5/4); very fine to fine sands; nonplastic; loose; damp; trace angular gravels to 1.5 in.; concrete cobble and color change to dark yellowish brown (10YR, 4/2) noted at 1.4 ft; no odors
	0.8	ND/ND	0/391	0147	Qbt3		Tuff: light brownish gray (5YR,6/1); slightly indurated; damp to moist; slight alteration; cuttings mottled with clayey sandy silt, light brown (5 YR, 5/6), slight plasticity, possible fracture infilling; no odors; sample collected from 1.5 to 2.0 ft
2							
3							Tuff: moderate yellowish brown, (10 YR, 5/4); slight to moderate induration; damp; increased difficulty in hand augering; no odors; sample collected from 3.5 to 4.0 ft
	0.8	ND/ND	0/465	0148			
4							Total depth 4.0 ft. Borehole backfilled with cuttings and capped with bentonite.

Note: Borehole hand augered adjacent to FY00 location 21-11137
Note: TPH Screening was conducted using immunoassay kits providing detection limits at 40 and 160 ppm
ppm = parts per million
α = alpha particle radiation, β/γ = beta/gamma particle radiation
ND = not detected
NDA = no detectable activity
# = see lithologic description for TPH results from short sample intervals

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Environmental Restoration Project
DP Tank Farm Borehole Log (PRS 21-029)

FIMAD Location ID: 21-11251 **Start Date:** 06/08/01 **End Date:** 06/08/01 **Page:** 1 of 1

Depth of Borehole: 3.5 ft bgs **Borehole Attitude:** Vertical **Coordinates:** 1775655.7N; 1628487.7E

Depth to Saturated Zone: 3.4 ft bgs **Geologist:** Tracy McFarland/NCI **Surface Elevation:** 7193.4 ft msl

Field Team Leader/Co.: Jon Marin/SAIC **Hand Auger Equipment:** 3 1/4-in. stainless steel hand auger bucket and extension rods

Depth (ft bgs)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
0					Qal		SM,ML: silty sand to sandy silt; dark yellowish brown, (10YR, 4/2); very fine to fine sands; loose; dry; roots; small fragments of tuff; no odor
1							SM,ML: As above; damp; plastic straw at 1.0 ft; no odors
2	1.0	D/ND	0/457	0149			SM: silty sand; dark yellowish brown, (10YR, 4/2); 80 to 90% fine to coarse sands; 10 to 15% silt/clay; less than 5% rounded 0.5-in. gravels; loose; damp; plastic fragments; no odor; sample collected from 1.5 to 2.0 ft
							SM: As above, increase in silt; no odors
3	50.0	D/D	0/436	0150; 0151			SM: As above; increase in rounded gravels to 5%, up to 5-cm diameter; no odor; sample and duplicate sample collected from 3.0 to 3.5 ft
4							SM: silty sand; dark yellowish brown, (10YR, 4/2); wet; diesel odor
							CL: silty clay; dark yellowish brown, (10YR, 4/2); gray green mottling; 5 to 15% very fine to medium sands; medium plasticity; soft; wet; odor; fragment of clay pipe noted
							Total Depth 3.5 ft. Borehole backfilled with cuttings and bentonite at base and cap of hole

Note: Borehole hand augered adjacent to FY00 location 21-11138 and FY01 location 21-11263
Note: TPH Screening was conducted using immunoassay kits providing detection limits at 40 and 160 ppm
ppm = parts per million
α = alpha particle radiation, β/γ = beta/gamma particle radiation
ND = not detected
NDA = no detectable activity
# = see lithologic description for TPH results from short sample intervals

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DP Tank Farm Borehole Log (PRS 21-029)

FIMAD Location ID: 21-11252 **Start Date:** 06/11/01 **End Date:** 06/11/01 **Page:** 1 of 1

Depth of Borehole: 6.0 ft bgs **Borehole Attitude:** Vertical **Coordinates:** 1775657.9N; 1628575.3E

Depth to Saturated Zone: Not encountered **Geologist:** Tracy McFarland/NCI **Surface Elevation:** 7195.2 ft msl

Field Team Leader/Co.: Jon Marin/SAIC **Hand Auger Equipment:** 2 1/4-in. and 4-in. stainless steel hand auger buckets and extension rods

Depth (ft bgs)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
0					Qal		SM: silty sand; dark yellowish brown (10 YR, 4/2); nonplastic; less than 5% small gravels; dry; roots; no odor
1					Qbt3		Tuff: grayish orange pink, (5YR, 7/2); dry to damp; resistant to hand augering; no odors; samples collected from 1.5 to 2.0 ft and from 5.5 to 6.0 ft.
	2.0	D/ND	0/481	0152			
2							
3							
	0.1	ND/ND	0/514				
4							
5							
	0.1	ND/ND	0/432	0153			
6							Total Depth 6.0 ft. Borehole backfilled with cuttings and capped with bentonite plug.

Note: Borehole hand augered adjacent to FY00 location 21-11163
Note: TPH Screening was conducted using immunoassay kits providing detection limits at 40 and 160 ppm
ppm = parts per million
α = alpha particle radiation, β/γ = beta/gamma particle radiation
ND = not detected
NDA = no detectable activity
# = see lithologic description for TPH results from short sample intervals

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DP Tank Farm Borehole Log (PRS 21-029)

FIMAD Location ID: 21-11253 **Start Date:** 06/11/01 **End Date:** 06/11/01 **Page:** 1 of 1

Depth of Borehole: 8.5 ft bgs **Borehole Attitude:** Vertical **Coordinates:** 1775666.3N; 1629100.1E

Depth to Saturated Zone: Not encountered **Geologist:** Tracy McFarland/NCI **Surface Elevation:** 7159.0 ft msl

Field Team Leader/Co.: Jon Marin/SAIC **Hand Auger Equipment:** 2 1/4-in. and 4-in. stainless steel hand auger buckets and extension rods

Depth (ft bgs)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
0					Qal		SM: silty sand to sandy silt; dark yellowish brown, (10YR,4/2); damp; angular tuff fragments up to 2 cm; roots; no odors
1							
2	0.1	ND/ND	0/391				ML: sandy silt; dark yellowish brown, (10YR,4/2); tuff fragments up to 5 cm; non to low plasticity; damp; no odors
3					Qbt3		Tuff: dark yellowish brown, (10YR, 4/2); weathered; damp; no odors
4	0.1	ND/ND	0/424				
5							
6	3.0	D/ND	0/485	0154			Tuff: pale brown (5 YR, 5/2); highly altered; cuttings appear as silty sand; very fine sands 70 to 80%; soft; damp; at 5.8 ft wet to moist, nonplastic; roots at 5.4 ft; no odors; sample collected from 5.5 to 6.0 ft
7							Tuff: pale brown (5YR,5/2) with light brown (5YR, 5/6) mottling; highly altered; cuttings appear as a silty sand, very fine to medium grain size; tuff fragments up to 2 cm; wet at 7.0 ft; no odors
8	0.5	ND/ND	0/518	0155			Tuff: pale brown, (5YR,5/2); highly altered; cuttings appear as silty sand, very fine to medium sands, predominately very fine to fine sand size, 70 to 80%, nonplastic; occasional fragment of tuff to 2 cm; no odors; sample collected from 8.0 to 8.5 ft.
							Total Depth 8.5 ft. Borehole backfilled with cuttings and capped with bentonite.

Note: Borehole hand augered adjacent to FY00 location 21-11186
Note: TPH Screening was conducted using immunoassay kits providing detection limits at 40 and 160 ppm
ppm = parts per million
α = alpha particle radiation, β/γ = beta/gamma particle radiation
ND = not detected
NDA = no detectable activity
# = see lithologic description for TPH results from short sample intervals

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Environmental Restoration Project
DP Tank Farm Borehole Log (PRS 21-029)

FIMAD Location ID: 21-11254 **Start Date:** 06/12/01 **End Date:** 06/12/01 **Page:** 1 of 1

Depth of Borehole: 6.0 ft bgs **Borehole Attitude:** Vertical **Coordinates:** 1775667.6N; 1629118.9E

Depth to Saturated Zone: 4.8 ft bgs **Geologist:** Tracy McFarland/NCI **Surface Elevation:** 7153.5 ft msl

Field Team Leader/Co.: Jon Marin/SAIC **Hand Auger Equipment:** 4-in. stainless steel hand auger bucket and extension rods

Depth (ft bgs)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
0					Qal		SM: silty sand; dark yellowish brown; (10 YR, 4/2); very fine to medium sand, 60 to 70%; fines 15 to 20%; gravels to 5 cm, 5%; tuff cobble at 0.7 ft; loose; damp; no odors
1							
	1.5	D/D	0/420	0156			SM: silty sand; dark yellowish brown; (10 YR, 4/2); very fine to medium sands; occasional tuff gravels; moist becoming wet at 2.0 ft; nonplastic; roots; no odors; sample collected from 1.5 to 2.0 ft
2							
3				0157	Qbt3		Tuff: pale brown (5YR, 5/2); highly altered; cuttings appear as silty sand, predominately medium grained; moist to wet; from 2.8 to 3.2 ft odor detected; sample collected from 2.8 to 3.5 ft
	5.0	D/D	0/420				
4							Tuff: medium light gray (N6); highly altered; charcoal gray mottling; cuttings appear as silty sand, non to plasticity; wet; no odors
							Tuff: As above; "sewage" odor
	2.0	D/D	0/411	0158			Tuff: medium light gray (N6); highly altered; charcoal gray mottling; diesel odor; sample collected from 4.5 to 5.0 ft
5							
	0.5	ND/ND	0/448	0159			Tuff: olive gray, (5Y, 4/1); highly altered; wet to saturated; faint odor
6							Tuff: dark yellowish brown, (10YR, 4/2); non plastic; moist to wet; no odor; sample collected from 5.5 to 6.0 ft
							Total Depth 6.0 ft. Borehole backfilled with cuttings.

Note: Borehole hand augered adjacent to FY00 location 21-11183
Note: TPH Screening was conducted using immunoassay kits providing detection limits at 40 and 160 ppm
ppm = parts per million
α = alpha particle radiation, β/γ = beta/gamma particle radiation
ND = not detected
NDA = no detectable activity
# = see lithologic description for TPH results from short sample intervals

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DP Tank Farm Borehole Log (PRS 21-029)

FIMAD Location ID: 21-11255	**Start Date:** 06/13/01	**End Date:** 06/13/01	**Page:** 1 of 2
Depth of Borehole: 16.8 ft bgs	**Borehole Attitude:** Vertical	**Coordinates:** 1775692.3N; 1629189.9E	
Depth to Saturated Zone: Not encountered	**Geologist:** Tracy McFarland/NCI	**Surface Elevation:** 7154.8 ft msl	
Field Team Leader/Co.: Jon Marin/SAIC	**Hand Auger Equipment:** 2 1/4-in. and 4-in. stainless steel hand auger buckets and extension rods		

Depth (ft bgs)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
0					Qal, Qc		SM: silty sand; dark yellowish brown (10YR, 4/2); very fine sands; non plastic; loose; dry; roots; minor tuff fragment up to 2 cm; no odor
1							
2	1.2	ND/ND	0/609		Qbt3		Tuff: pale yellowish brown, (10YR, 6/2); highly altered; cuttings appear as a silty sand, very fine sands, nonplastic, dry; no odors
3							
4	0.6	ND/ND	0/477				Tuff: pale yellowish brown (10YR, 6/2); highly altered; some tuff fragments moderate brown (5YR, 4/4); cuttings non to low plasticity; damp; from 3.5 to 5.0 ft, tuff fragments in cuttings from 1 to 5 mm; no odors; no fractures; no staining
5							
6	0.6	ND/ND	0/502				Tuff: grayish orange pink, (5YR, 7/2); altered; mottled with moderate brown (5 YR, 4/4); damp; no odors; no fractures
7							
8	0.7	ND/ND	0/633				
9							
10	10.0	D/D	0/411	0160			Tuff: As above; moist at 9.2 ft, increasing to moist to wet with diesel odor at 9.5 ft; sample collected from 9.5 to 10.0 ft

Note: Borehole hand augered adjacent to FY00 location 21-11184
Note: TPH Screening was conducted using immunoassay kits providing detection limits at 40 and 160 ppm
ppm = parts per million
α = alpha particle radiation, β/γ = beta/gamma particle radiation
ND = not detected
NDA = no detectable activity
# = see lithologic description for TPH results from short sample intervals

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DP Tank Farm Borehole Log (PRS 21-029)

FIMAD Location ID: 21-11255 **Page:** 2 of 2

Depth (ft bgs)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α / βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
10							
11							Tuff: As above; decrease in moisture to moist, odors persist; sample collected from 11.5 to 12.0 ft
	10.0	D/D	0/485	0161			
12							
13							
	4.0	ND/ND	0/559				
14							
15							Tuff: moderate yellowish brown, (10YR, 5/4); altered tuff; no odor
16	↑ 1.6 ↓	ND/ND	0/551	0162			Tuff: pale red (5R, 6/2); altered tuff; damp; no odor; sample collected from 15.75 to 16.8 ft
17							Total Depth 16.8 ft. Bentonite applied to base of borehole, backfilled with cuttings and capped with bentonite plug

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DP Tank Farm Borehole Log (PRS 21-029)

FIMAD Location ID: 21-11256 **Start Date:** 06/14/01 **End Date:** 06/14/01 **Page:** 1 of 2

Depth of Borehole: 10.75 ft bgs **Borehole Attitude:** Vertical **Coordinates:** 1775684.4N; 1629175.9E

Depth to Saturated Zone: 6.1 ft bgs **Geologist:** Tracy McFarland/NCI **Surface Elevation:** 7153.2 ft msl

Field Team Leader/Co.: Jon Marin/SAIC **Hand Auger Equipment:** 2 1/4-in. and 4-in. stainless steel hand auger buckets and extension rods

Depth (ft bgs)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
0					CoAl Qal		ML: sandy silt/silty sand; pale yellowish brown (10 YR, 6/2); very fine sands; nonplastic; dry; trace angular tuff fragments to 3 cm; root at 1 ft; no odors; sample collected from 1.8 to 2.1 ft
1							
2	1.0	D/ND	0/391	0163			
3					Qbt3		Tuff: grayish red (10 R, 4/2); highly altered; resistant to hand augering; dry to damp; no odors; sample collected from 3.5 to 4.0 ft
4	0.2	D/ND	0/465	0164			
5							Tuff: As above; increase in moisture to damp to moist; no odors
6	20.0	D/D	0/407	0165			Tuff: As above; wet; diesel odor begins at 5.6 ft; sample collected from 5.5 to 6.0 ft
7							Tuff: As above; saturated, water accumulates in borehole; odors persist
8							Tuff: moderate brown, (5 YR, 4/4); altered; wet; odors
9							
10				0168			Tuff: moderate brown, (5 YR, 4/4); damp; altered; no odors; sample collected from 10.0 to 10.75 ft

Note: Borehole hand augered adjacent to FY00 location 21-11180
Note: TPH Screening was conducted using immunoassay kits providing detection limits at 40 and 160 ppm
ppm = parts per million
α = alpha particle radiation, β/γ = beta/gamma particle radiation
ND = not detected
NDA = no detectable activity
# = see lithologic description for TPH results from short sample intervals

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DP Tank Farm Borehole Log (PRS 21-029)

FIMAD Location ID: 21-11256 **Page:** 2 of 2

Depth (ft bgs)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/β/γ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
10	0.6	ND/ND	0/350	0168			
							Total Depth 10.75 ft. PVC casing installed to 9 ft to seal out saturated, contaminated zone. Benseal/bentonite added to annular space surrounding PVC and wall of borehole. PVC removed following sampling and borehole was backfilled with bentonite and cuttings.

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FIMAD Location ID: 21-11257 **Start Date:** 06/14/01 **End Date:** 06/14/01 **Page:** 1 of 1

Depth of Borehole: 8.0 ft bgs **Borehole Attitude:** Vertical **Coordinates:** 1775668.9N; 1629123.6E

Depth to Saturated Zone: 3.5 ft bgs **Geologist:** Tracy McFarland/NCI **Surface Elevation:** 7154.3 ft msl

Field Team Leader/Co.: Jon Marin/SAIC **Hand Auger Equipment:** 2 1/4-in. and 4-in. stainless steel hand auger buckets and extension rods

Depth (ft bgs)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
0					Qal		ML: silty sand/sandy silt; moderate yellowish brown, (10YR, 5/4); very fine sands; nonplastic; dry; roots; no odor
1					Qbt3		Tuff: pale yellowish brown, (10YR, 6/2); highly altered, behaves as silty sand; slightly resistant to hand augering; no odor; sample collected from 1.5 to 2.0 ft
	1.8	D/D	0/477	0166			
2							
3							Tuff: As above; moist; no odor
	3.6	D/D	0/378	0167			Tuff: altered; pale brown (5YR, 5/2); wet; cuttings are predominately fine to medium sands; odor
4							Tuff: medium gray (N5); highly altered; sand seam, dark yellowish orange (10YR, 6/6), possible fracture or parting, no clay noted; saturated; odors; sample collected fro 3.5 to 4.0 ft
5							
6							
7							Tuff: moderate brown (5YR,4/4); highly altered; damp to moist; no odor; sample collected from 7.0 to 8.0 ft
	1.2	ND/ND	0/457	0169			
8							Total Depth 8.0 ft. PVC casing installed to 6.0 ft to seal off saturated, contaminated zone. Benseal/bentonite added to the annular space surrounding the PVC and wall of borehole. PVC could not be removed following sampling. Casing was cut at surface and borehole filled with bentonite.

Note: Borehole hand augered adjacent to FY00 location 21-11176
Note: TPH Screening was conducted using immunoassay kits providing detection limits at 40 and 160 ppm
ppm = parts per million
α = alpha particle radiation, β/γ = beta/gamma particle radiation
ND = not detected
NDA = no detectable activity
# = see lithologic description for TPH results from short sample intervals

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DP Tank Farm Borehole Log (PRS 21-029)

FIMAD Location ID: 21-11258 **Start Date:** 06/15/01 **End Date:** 06/15/01 **Page:** 1 of 2

Depth of Borehole: 19.8 ft bgs **Borehole Attitude:** Vertical **Coordinates:** 1775664.3N; 1629199.2E

Depth to Saturated Zone: 9.0 ft bgs **Geologist:** Tracy McFarland/NCI **Surface Elevation:** 7152.5 ft msl

Field Team Leader/Co.: Jon Marin/SAIC **Hand Auger Equipment:** 2 1/4-in. and 4-in. stainless steel hand auger buckets and extension rods

Depth (ft bgs)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
0					Qal		SM, ML: sandy silt/sitly sand; moderate yellowish brown (10YR,5/4); very fine sands, subangular tuff fragments to 2 cm; dry; roots; no odor
1							
	0	D/D	0/461	0170			SM, ML: As above; color change to dark yellowish brown (10 YR,4/2); damp; highly organic matter, peat-like interval, black (N1), from 3.1 to 3.5 ft; no odor; sample collected from 1.5 to 2.0 ft
2							
3							
	0.4	D/D	0/477	0171	Qbt3		Tuff: dark yellowish brown, (10YR,4/2); highly altered; damp; no odor; samples collected from 3.5 to 4.0 ft and from 5.5 to 6.0 ft
4							
5							
	1.0	D/D	0/428	0172			
6							
7							Tuff: dark yellowish brown, (10YR,4/2); highly altered; moist; slight odor
							Tuff: As above; wet; odor
	3.0	D/ND	0/370	0173			Tuff: As above; color change to brownish gray (5YR, 4/1); odor persists; sample collected from 7.5 to 8.0 ft
8							
9							Tuff: brownish gray (5YR, 4/1); altered; saturated; diesel and "sewage" odor; sample collected from 9.5 to 10.0 ft
	1.0	D/D	0/378	0174			
10							

Note: Borehole hand augered adjacent to FY00 location 21-11185
Note: TPH Screening was conducted using immunoassay kits providing detection limits at 40 and 160 ppm
ppm = parts per million
α = alpha particle radiation, β/γ = beta/gamma particle radiation
ND = not detected
NDA = no detectable activity
# = see lithologic description for TPH results from short sample intervals

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DP Tank Farm Borehole Log (PRS 21-029)

FIMAD Location ID: 21-11258 **Page:** 2 of 2

Depth (ft bgs)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
10							
11							
12							
13							
14							
	0.2	D/D	0/420	0175			Tuff: pale yellowish brown (10YR, 4/2); altered; moist; no odors noted; samples collected from 14.3 to 14.7 ft and from 15.5 to 16.0 ft
15							
	0	D/D	0/498	0176			Tuff: pale brown (5YR, 5/2); easily hand augered; damp; no odors; samples collected from 17.0 to 18.0 ft and from 18.8 to 19.8 ft
16							
17	↑ 0 ↓	D/ND	0/407	0177			
18							
19	↑ 0 ↓	ND/ND	0/348	0178			
20							Total Depth 19.8 ft. PVC casing installed to 12 ft to seal off saturated, contaminated zone. Benseal/bentonite added to annular space surrounding the casing and wall of borehole. PVC removed following sampling. Borehole backfilled with bentonite and cuttings.

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FIMAD Location ID: 21-11259 **Start Date:** 06/18/01 **End Date:** 06/18/01 **Page:** 1 of 2

Depth of Borehole: 15.3 ft bgs **Borehole Attitude:** Vertical **Coordinates:** 1775667.2N; 1629177.5E

Depth to Saturated Zone: 6.2 ft bgs **Geologist:** Tracy McFarland/NCI **Surface Elevation:** 7153.7 ft msl

Field Team Leader/Co.: Jon Marin/SAIC **Hand Auger Equipment:** 2 1/4-in. and 4-in. stainless steel hand auger buckets and extension rods

Depth (ft bgs)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
0					Qal		ML: sandy silt; dark yellowish brown (10YR, 4/2); nonplastic; occasional rounded gravels to 5 cm; dry; roots; no odors
1							ML: As above; color change to grayish brown (5YR, 3/2); no odors
	2.0	ND/ND	0/452				ML: dark yellowish brown (10YR, 4/2); very fine sands; tuff fragments to 5 cm diameter; moist; no odor
2							
3							
	1.0	ND/ND	0/424		Qbt3		Tuff: dark yellowish brown (10 YR, 4/2); altered; moist ; no odor
4							
5							Tuff: As above; wet; no odor
	40.0	D/D	0/403	0179			Tuff: As above; diesel odor; sample collected from 5.5 to 6.0 ft
6							Tuff: As above; saturated at 6.2 ft
7							
8							
9							
10							

Note: Borehole hand augered adjacent to FY00 location 21-11182
Note: TPH Screening was conducted using immunoassay kits providing detection limits at 40 and 160 ppm
ppm = parts per million
α = alpha particle radiation, β/γ = beta/gamma particle radiation
ND = not detected
NDA = no detectable activity
# = see lithologic description for TPH results from short sample intervals

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FIMAD Location ID: 21-11259 **Page:** 2 of 2

Depth (ft bgs)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
10							
11							
12	1.0	ND/ND	0/403	0180			Tuff: grayish red (5YR,4/2); altered; damp to moist; odor detected may be result of slough; sample collected from 12.0 to 12.7 ft
13							Tuff: grayish orange pink, (10R, 8/2); altered; damp to moist; no odor; sample collected from 14.0 to 15.3 ft
	1.6	ND/ND	0/518				
14	↑ 1.0 ↓	ND/ND	↑ 0/399 ↓	0181			
15							Tuff: dark yellowish brown (10 YR, 4/3); altered; crystal rich; damp; no odor
							Total Depth 15.3 ft. PVC casing installed to 12.0 ft to seal off the saturated, contaminated zone. Benseal/bentonite added to annular space surrounding PVC and wall of borehole. PVC removed following sampling activities. Borehole backfilled with bentonite and cuttings.

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FIMAD Location ID: 21-11260 **Start Date:** 06/19/01 **End Date:** 06/19/01 **Page:** 1 of 1

Depth of Borehole: 10.0 ft bgs **Borehole Attitude:** Vertical **Coordinates:** 1775667.6N; 1629138.7E

Depth to Saturated Zone: Not encountered **Geologist:** Tracy McFarland/NCI **Surface Elevation:** 7153.1 ft msl

Field Team Leader/Co.: Jon Marin/SAIC **Hand Auger Equipment:** 2 1/4-in. and 4-in. stainless steel hand auger buckets and extension rods

Depth (ft bgs)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
0					Qal		ML: silty sand to sandy silt; dark yellowish brown, (10YR, 4/2); dry to damp; no odors
1							ML: As above; tuff and concrete cobbles to 8 cm diameter- difficulity in hand augering
	0.6	ND/ND	0/374				
2					Qbt3		Tuff: dark yellowish brown, (10YR, 4/2); highly altered; oxidation; < 5% clay; damp to moist; no odor; easily advanced by hand auger
3							Tuff: As above; faint "sewage-like" odor
	0.6	ND/ND	0/465				Tuff: As above; no odor
4							Tuff: pale brown (5YR, 5/2); altered; oxidation; damp to moist; no odor
5							Tuff: As above; no oxidation
	0.6	D/ND	0/448	0182			Tuff: grayish orange pink, (5YR, 7/2); altered; damp to moist; no odor; sample collected from 5.5 to 6.0 ft
6							
7							Tuff: As above; moist; oxidation; no odor
							Tuff: grayish orange pink (5YR, 7/2); damp to moist; no oxidation: no odor; sample collected from 9.5 to 10.0 ft
	0.6	ND/ND	0/457				
8							
9							
	0.6	ND/ND	0/333	0183			
10							Total Depth 10.0 ft. Borehole backfilled with bentonite and cuttings

Note: Borehole hand augered adjacent to FY00 location 21-11177
Note: TPH Screening was conducted using immunoassay kits providing detection limits at 40 and 160 ppm
ppm = parts per million
α = alpha particle radiation, β/γ = beta/gamma particle radiation
ND = not detected
NDA = no detectable activity
# = see lithologic description for TPH results from short sample intervals

Los Alamos National Laboratory
Environmental Restoration Project
DP Tank Farm Borehole Log (PRS 21-029)

FIMAD Location ID: 21-11261	**Start Date:** 06/19/01	**End Date:** 06/19/01	**Page:** 1 of 1
Depth of Borehole: 10.0 ft bgs	**Borehole Attitude:** Vertical	**Coordinates:** 1775682.5N; 1629192.6E	
Depth to Saturated Zone: 1.5 ft bgs	**Geologist:** Tracy McFarland/NCI	**Surface Elevation:** 7145.71 ft msl	
Field Team Leader/Co.: Jon Marin/SAIC	**Hand Auger Equipment:** 2 1/4-in. and 4-in. stainless steel hand auger buckets and extension rods		

Depth (ft bgs)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
0					Qal		SP: gravelly sand; dusky yellowish brown (10 YR, 2/2); rounded and subangular gravels to 7-cm diameter, 15 to 25%; very fine to coarse sands; minor fines; faint odor at 0.7 ft; concrete cobbles at 1.0 ft.
1							
	7.0	D/D	0/395	0184			SP: As above; saturated; sheen visible on cuttings and water accumulating in borehole; sample collected from 1.5 to 2.0 ft
2							
3							SW: sand; dusky yellowish brown, (10YR,2/2); well sorted medium grain; trace rounded gravels; saturated; odor
4							
5							
6							
7					Qbt3		Tuff: moderate brown (5YR,4/4); altered; wet; odor
8	1.2	ND/ND	0/325				Tuff: very pale orange (10YR, 8/2); altered; wet; odor
							Tuff: pale red (10 R, 6/2); altered; damp; brown oxidation; odor
9							Tuff: pale red (10 R, 6/2); altered; damp; no oxidation; odor
	0.6	ND/ND	0/403	0185			Tuff: As above; no odor; sample collected from 9.5 to 10.0 ft
10							Total Depth 10.0 ft. PVC casing installed to 5.5 ft to seal off saturated, contaminated zone. Benseal/bentonite added to the annular space surrounding the PVC casing and the borehole wall. PVC removed following sampling. Borehole backfilled with cuttings and bentonite.

Note: Borehole hand augered adjacent to FY00 location 21-11178
Note: TPH Screening was conducted using immunoassay kits providing detection limits at 40 and 160 ppm
ppm = parts per million
α = alpha particle radiation, β/γ = beta/gamma particle radiation
ND = not detected
NDA = no detectable activity
# = see lithologic description for TPH results from short sample intervals

Los Alamos National Laboratory
Environmental Restoration Project
DP Tank Farm Borehole Log (PRS 21-029)

FIMAD Location ID: 21-11262 **Start Date:** 06/20/01 **End Date:** 06/20/01 **Page:** 1 of 1

Depth of Borehole: 9.0 ft bgs **Borehole Attitude:** Vertical **Coordinates:** 1775641.2N; 1628557.3E

Depth to Saturated Zone: 1.2 ft bgs **Geologist:** Tracy McFarland/NCI **Surface Elevation:** 7188.8 ft msl

Field Team Leader/Co.: Jon Marin/SAIC **Hand Auger Equipment:** 2 1/4-in. and 4-in. stainless steel hand auger buckets and extension rods

Depth (ft bgs)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
0	0.4	D/D	0/288	0186	Qbt3		Tuff: medium gray, (N5); moist; odor; difficult to advance borehole by hand auger; samples collected from 0.0 to 0.4 ft and from 0.5 to 1.2 ft
1	11.0	D/D	0/494	0187, 0188			Tuff: As above; encountered thin saturated stringer in tuff at 1.2 ft; matrix becomes saturated at 2.0 ft; water accumulates in borehole; odor persists
2							
3							
4							
5							
6							
7	0.2	D/D	0/457	0189			Tuff: pale red, (5R,6/2); dry; no odor; sample collected from 6.7 to 7.35 ft
8							
9	0.2	ND/ND	0/498	0190			Tuff: pale red, (5R); dry; no odor; sample collected from 8.5 to 9.0 ft
							Total Depth 9.0 ft. PVC casing installed to 6.45 ft to seal off saturated, contaminated zone. Benseal added to annular space surrounding the PVC casing and the borehole wall. PVC could not be removed following sampling. Casing was cut at channel surface and backfilled with bentonite.

Note: Borehole hand augered adjacent to FY00 location 21-11135
Note: TPH Screening was conducted using immunoassay kits providing detection limits at 40 and 160 ppm
ppm = parts per million
α = alpha particle radiation, β/γ = beta/gamma particle radiation
ND = not detected
NDA = no detectable activity
# = see lithologic description for TPH results from short sample intervals

Los Alamos National Laboratory
Environmental Restoration Project
DP Tank Farm Borehole Log (PRS 21-029)

FIMAD Location ID: 21-11263 **Start Date:** 06/21/01 **End Date:** 06/22/01 **Page:** 1 of 2

Depth of Borehole: 20.6 ft bgs **Borehole Attitude:** Vertical **Coordinates:** 1775656.3N; 1628484.4E

Depth to Saturated Zone: minor saturation at 7.0 ft bgs **Geologist:** Tracy McFarland/NCI **Surface Elevation:** 7193.5 ft msl

Field Team Leader/Co.: Jon Marin/SAIC **Hand Auger Equipment:** 2 1/4-in. and 4-in. stainless steel hand auger buckets and extension rods

Depth (ft bgs)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
0					Qal		ML: sandy silt; dark yellowish brown (10YR, 4/2); very fine to medium sands; tuff fragments up to 5 cm in diameter; dry; roots; no odor; sample collected from 1.5 to 2.0 ft
1							
	0.2	D/D	0/391	0193			
2							
	36.0	D/D	0/354	0194, 0195	Qbt3		Tuff: greeenish clay; highly altered; moist; diesel odor; sample and duplicate collected from 2.5 to 3.0 ft
3							
4							Tuff: pale brown, (5YR, 5/2); altered; difficult to hand auger; strong diesel odor; sample collected from 4.5 to 5.0 ft
	100.0	D/D	0/337	0196			
5							
							Tuff: As above; odor less strong; light brown staining noted at 6.0 ft; sample collected from 5.9 to 6.3 ft
6	45.0	D/D	0/366	0197			Tuff: light brown, (5YR, 5/6); altered; minor amount of moisture on sides of borehole noted at 7.0 ft; odor is possibly gasoline; sample collected from 9.6 to 10.3 ft
7							
8							
9							
10	22.0	D/D	0/465	0198			

Note: Borehole hand augered adjacent to FY00 location 21-11138 and FY01 location 21-11251
Note: TPH Screening was conducted using immunoassay kits providing detection limits at 40 and 160 ppm
ppm = parts per million
α = alpha particle radiation, β/γ = beta/gamma particle radiation
ND = not detected
NDA = no detectable activity
# = see lithologic description for TPH results from short sample intervals

Los Alamos National Laboratory
Environmental Restoration Project
DP Tank Farm Borehole Log (PRS 21-029)

FIMAD Location ID: 21-11263 **Page:** 2 of 2

Depth (ft bgs)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
10							
11							Tuff: pale reddish brown (10R, 5/4); altered; trace gray tuff noted at 11.5 ft; damp; odor; sample collected from 11.5 to 12.0 ft
	11.0	D/D	0/415	0199			
12							
	2.0	D/D	0/440	0200			Tuff: pale reddish brown (10R,5/4); altered; reddish orange clay, fracture; damp; odor; sample collected from 12.5 to 13.0 ft
13							
14							Tuff: pale reddish brown (10R,5/4); altered; damp; odor
15							
16	1.0	D/D	0/313	0201			Tuff: As above; fracture observed from 12.5 to 13.5 ft; reddish orange clay; odor persists; sample collected from 15.6 to 16.2 ft
							Tuff: pale reddish brown (10R,5/4); altered; damp; odor decreases
17	0.8	D/ND	0/411	0202			Tuff: pale red (10R, 6/2); altered; damp; no odor; samples collected from 17.0 to 18.0 ft, from 18.5 to 19.2 ft, and from 19.9 to 20.6 ft
18							
19	2.0	D/D	0/473	0203			
20	0.2	ND/ND	0/370	0204			

Total Depth 20.6 ft. PVC casing installed to 14.4 ft to prevent sloughing of contaminated tuff down hole; benseal/bentonite added to annular space surounding the PVC casing and the borehole wall. PVC casing removed following sampling activites. Borehole backfilled with bentonite and cuttings.

Los Alamos National Laboratory
Environmental Restoration Project
DP Tank Farm Borehole Log (PRS 21-029)

FIMAD Location ID: 21-11264 **Start Date:** 06/21/01 **End Date:** 06/21/01 **Page:** 1 of 1

Depth of Borehole: 7.0 ft bgs **Borehole Attitude:** Vertical **Coordinates:** 1775637.5N; 1628565.3E

Depth to Saturated Zone: Not encountered **Geologist:** Tracy McFarland/NCI **Surface Elevation:** 7188.5 ft msl

Field Team Leader/Co.: Jon Marin/SAIC **Hand Auger Equipment:** 2 1/4-in. and 4-in. stainless steel hand auger buckets and extension rods

Depth (ft bgs)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
0	1.0	ND/ND	0/462	0191	Qbt3		Tuff: pale brown (5YR,5/2); altered; damp; resisitant to hand augering; thin yellow-orange tuff seam noted at 2.5 ft; no odor; sample collected from 0.0 to 0.3 ft
1							
2	1.0	ND/ND	0/457				
3							Tuff: As above; increase from damp to moist; no odor
4	2.0	ND/ND	0/341				
5							
6				0192			Tuff: As above; increase resistant to hand augering; moist to wet; no odor; sample collected from 6.0 to 7.0 ft
7	2.8	ND/ND	0/411				Total Depth 7.0 ft. Borehole backfilled with channel sediments during storm event following sampling.

Note: Borehole hand augered adjacent to FY00 location 21-11136
Note: TPH Screening was conducted using immunoassay kits providing detection limits at 40 and 160 ppm
ppm = parts per million
α = alpha particle radiation, β/γ = beta/gamma particle radiation
ND = not detected
NDA = no detectable activity
# = see lithologic description for TPH results from short sample intervals

Los Alamos National Laboratory
Environmental Restoration Project
DP Tank Farm Borehole Log (PRS 21-029)

FIMAD Location ID: 21-11265 **Start Date:** 06/25/01 **End Date:** 06/25/01 **Page:** 1 of 1

Depth of Borehole: 6.8 ft bgs **Borehole Attitude:** Vertical **Coordinates:** 1775652.1N; 1628518.8E

Depth to Saturated Zone: 4.5 ft bgs **Geologist:** Tracy McFarland/NCI **Surface Elevation:** 7192.0 ft msl

Field Team Leader/Co.: Jon Marin/SAIC **Hand Auger Equipment:** 2 1/4-in. and 4-in. stainless steel hand auger buckets and extension rods; PVC casing

Depth (ft bgs)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
0	NA	NA	NA				Bank material, no lithologic description. Log begins at stream channel level.
1	30.0	D/D	0/395	0205	Qal		ML: Sandy silt; brownish gray (5YR, 4/1); very fine to coarse sands; rounded to subangular tuff fragments up to 3 cm diameter; wet; odor; sample collected from 1.3 to 1.8 ft
2							
3	5.8	D/D	0/415	0206			GW: Boulder- tuff, altered; dark yellowish brown (10YR, 4/2); moist; odor; sample collected from 3.0 to 3.3 ft
4							
5							GW: Gravelly sand; predominately medium to coarse sands; saturated at 4.5 ft; odor
							Tuff: Clay, appears to be highly altered tuff; odors
6					Qbt3		Tuff: Clay, appears to be altered tuff; no odor
	1.4	ND/ND	0/531	0207			Tuff: Pale brown, (5YR, 5/2); altered; damp; no odor; sample collected from 6.3 to 6.8 ft
							Total Depth 6.8 ft. PVC casing installed to 5.0 ft Bentonite added to annular space surrounding PVC casing and borehole wall. PVC could not be removed following sampling. Casing was cut at ground surface and borehole was backfilled with bentonite

Note: Borehole hand augered adjacent to FY00 location 21-11132 and FY01 location 21-11248
Note: TPH Screening was conducted using immunoassay kits providing detection limits at 40 and 160 ppm
ppm = parts per million
α = alpha particle radiation, β/γ = beta/gamma particle radiation
ND = not detected, NA = not analyzed
NDA = no detectable activity
# = see lithologic description for TPH results from short sample intervals

Los Alamos National Laboratory
Environmental Restoration Project
DP Tank Farm Borehole Log (PRS 21-029)

FIMAD Location ID: 21-11266	**Start Date:** 06/25/01	**End Date:** 06/25/01	**Page:** 1 of 1
Depth of Borehole: 8.8 ft bgs	**Borehole Attitude:** Vertical	**Coordinates:** 1775653.2N; 1628507.5E	
Depth to Saturated Zone: Not encountered	**Geologist:** Tracy McFarland/NCI	**Surface Elevation:** 7195.2 ft msl	
Field Team Leader/Co.: Jon Marin/SAIC	**Hand Auger Equipment:** 2 1/4-in. and 4-in. stainless steel hand auger buckets and extension rods		

Depth (ft bgs)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
0	NA	NA	NA				Bank material, no lithologic description. Log begins at stream channel level.
1							
2							
3							
4							
5	14.0	D/D	0/399	0208	Qal		SM/SC: Silty sand to clayey sand; medium gray (N5); moist; faint odor; sample collected from 4.5 to 5.0 ft
					Qbt3		Tuff: gray; altered; dry to damp; no odor
6	2.9	ND/ND	0/469	0209, 0210			Tuff: pale brown, (5YR,5/2); altered; dry to damp; no odor; samples and duplicates collected from 6.0 to 7.0 ft and from 8.0 to 8.8 ft
7							
8	1.8	ND/ND	0/469	0211			
9							Total Depth 8.8 ft. PVC casing installed to 5.5 ft. Bentonite added to annular space surrounding PVC casing and borehole wall. PVC could not be removed following sampling. Casing was cut at ground surface and borehole was backfilled with bentonite

Note: Borehole hand augered adjacent to FY00 location 21-11133
Note: TPH Screening was conducted using immunoassay kits providing detection limits at 40 and 160 ppm
ppm = parts per million
α = alpha particle radiation, β/γ = beta/gamma particle radiation
ND = not detected, NA = not analyzed
NDA = no detectable activity
# = see lithologic description for TPH results from short sample intervals

Los Alamos National Laboratory
Environmental Restoration Project
DP Tank Farm Borehole Log (PRS 21-029)

FIMAD Location ID: 21-11267 **Start Date:** 06/26/01 **End Date:** 06/26/01 **Page:** 1 of 1

Depth of Borehole: 4.0 ft bgs **Borehole Attitude:** Vertical **Coordinates:** 1775654.9N; 1628419.0E

Depth to Saturated Zone: 0.7 ft bgs **Geologist:** Tracy McFarland/NCI **Surface Elevation:** 7199.2 ft msl

Field Team Leader/Co.: Jon Marin/SAIC **Hand Auger Equipment:** 2 1/4-in. and 4-in. stainless steel hand auger buckets and extension rods

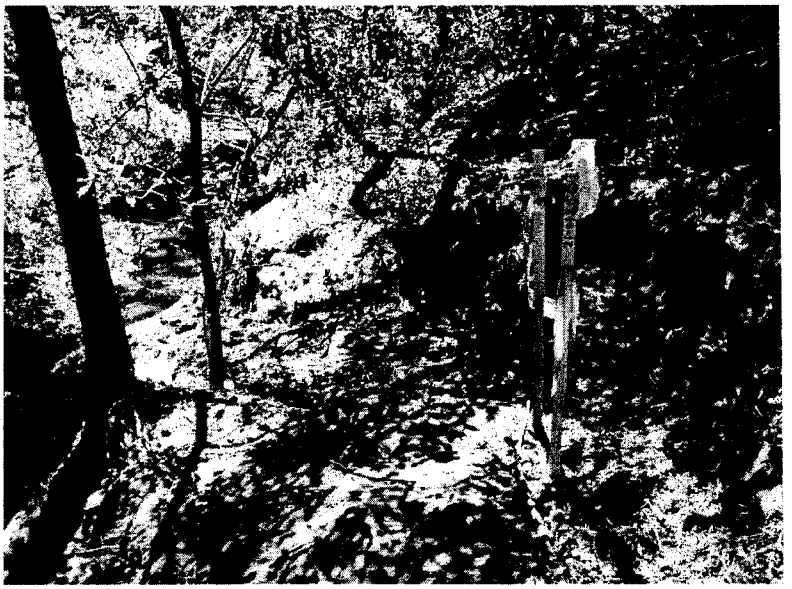
Depth (ft bgs)	PID Screening (ppm)	TPH Screening (40/160 ppm)	Rad Screening (α/βγ)	Sample Number (MD21-01-XXXX)	Stratigraphic Unit	Graphic Log	Lithologic Description
0	0.8	ND/ND	0/424	0212	Qbt3		Tuff: brownish gray (5YR, 4/1); altered; resistant to hand augering; moist to wet for 0.0 to 0.7 ft; saturated at 0.7 ft; thin stringer of clay noted at 0.8 ft; no odor; sample collected from 0.0 to 0.4 ft
1							Tuff: pale brown, (5YR, 5/2); altered; damp; no odor
2	0.6	ND/ND	0/415				
3							
4	1.2	ND/ND	0/440	0213			Tuff: pale reddish brown, (10 R, 5/4); altered; damp; no odor; sample collected from 3.5 to 4.0 ft
							Total Depth 4.0 ft. Borehole backfilled with cuttings.

Note: Borehole hand augered adjacent to FY00 location 21-11169
Note: TPH Screening was conducted using immunoassay kits providing detection limits at 40 and 160 ppm
ppm = parts per million
α = alpha particle radiation, β/γ = beta/gamma particle radiation
ND = not detected
NDA = no detectable activity
# = see lithologic description for TPH results from short sample intervals

Appendix J

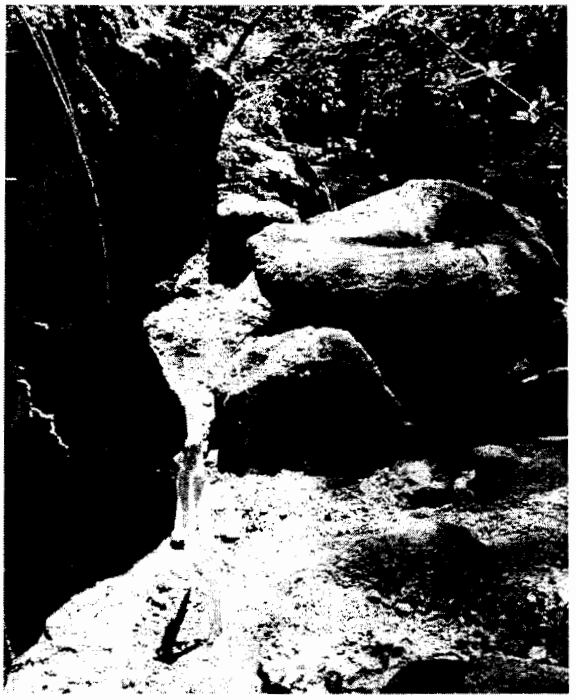
Representative Photographs

APPENDIX J REPRESENTATIVE PHOTOGRAPHS



Date: 06/28/01 **Location ID:** 21-11250 **Depth:** n/a **Sample ID:** n/a **Time:** n/a
Investigation Area: Western seep **Direction of Photograph:** Looking to the east
Comments: Topography showing stream channel, terraced bank, and steep canyon walls

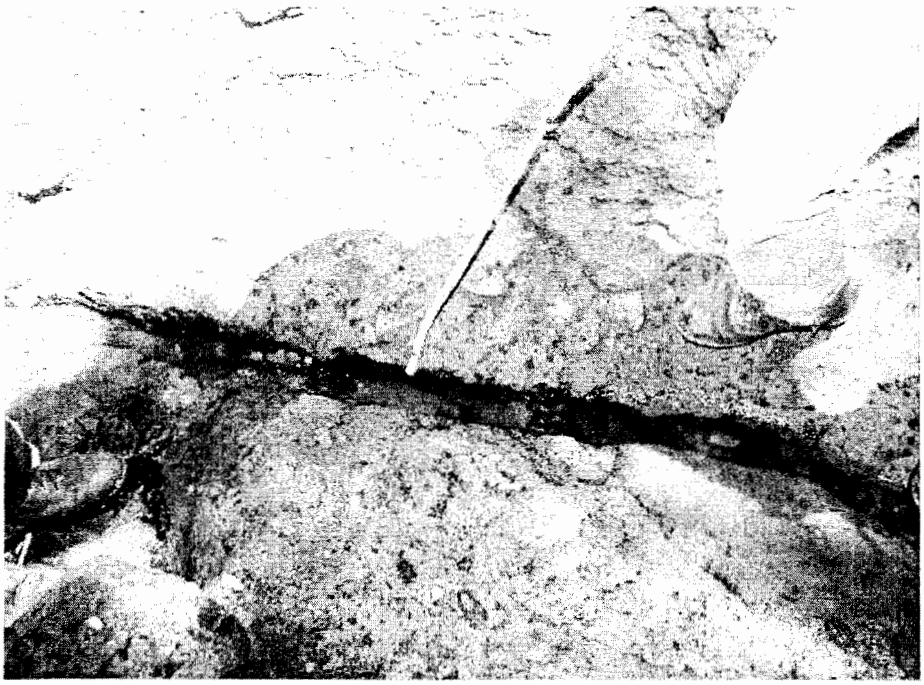
Date: 06/28/01 **Location ID:** 21-11265 **Depth:** n/a **Sample ID:** n/a **Time:** n/a
Investigation Area: Western seep **Direction of Photograph:** Looking to the east
Comments: Topography of canyon along Western Seep Investigation Area



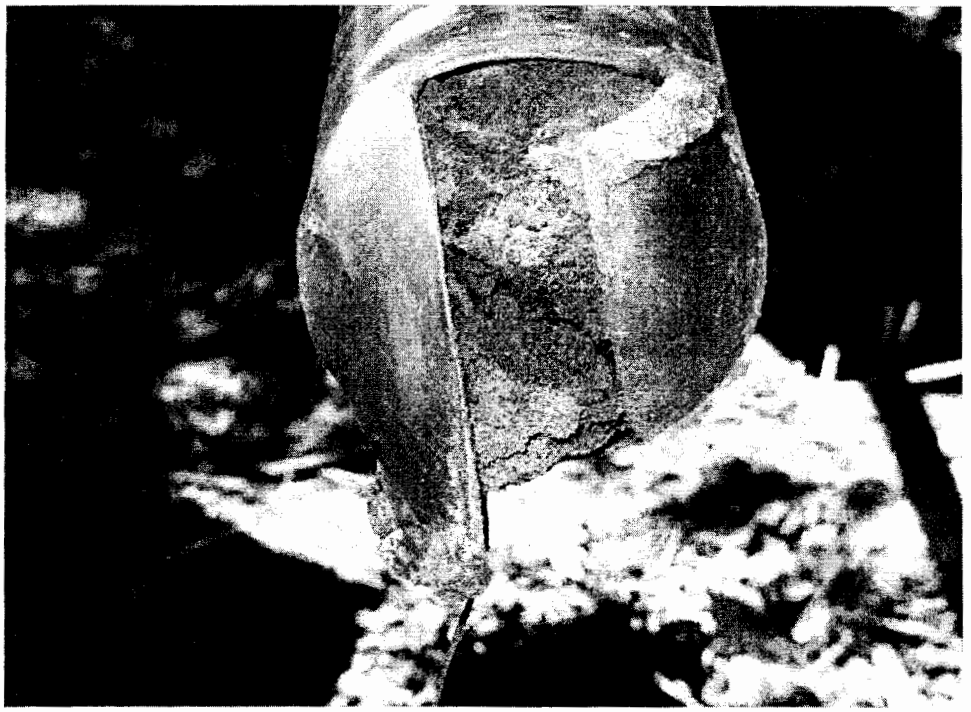
Date: 06/01/01 **Location ID:** 21-11246 **Depth:** 0.0 to 6.0 in.
Sample ID: MD21-01-0074, MD21-01-0075 **Time:** 0910
Investigation Area: Eastern seep **Direction of Photograph:** Looking to the east
Comments: Topography of Eastern Seep Investigation Area showing an open stream channel area forming a pool and sediment deposits

Date: 07/13/01 **Location ID:** 21-11161 **Depth:** Revisit photo **Sample ID:** Revisit photo **Time:** n/a
Investigation Area: Eastern seep **Direction of Photograph:** Looking to the east
Comments: Topography of stream channel location where sediment was collected for hydrocarbon fingerprint, photo shows a steep drop-off to the east

Date: 07/03/01 **Location ID:** 21-11181 **Depth:** Revisit photo **Sample ID:** n/a **Time:** n/a
Investigation Area: Eastern seep **Direction of Photograph:** Looking to the northeast
Comments: Eastern Seep Investigation Area indicating limitations of topography to the north and east of the channel

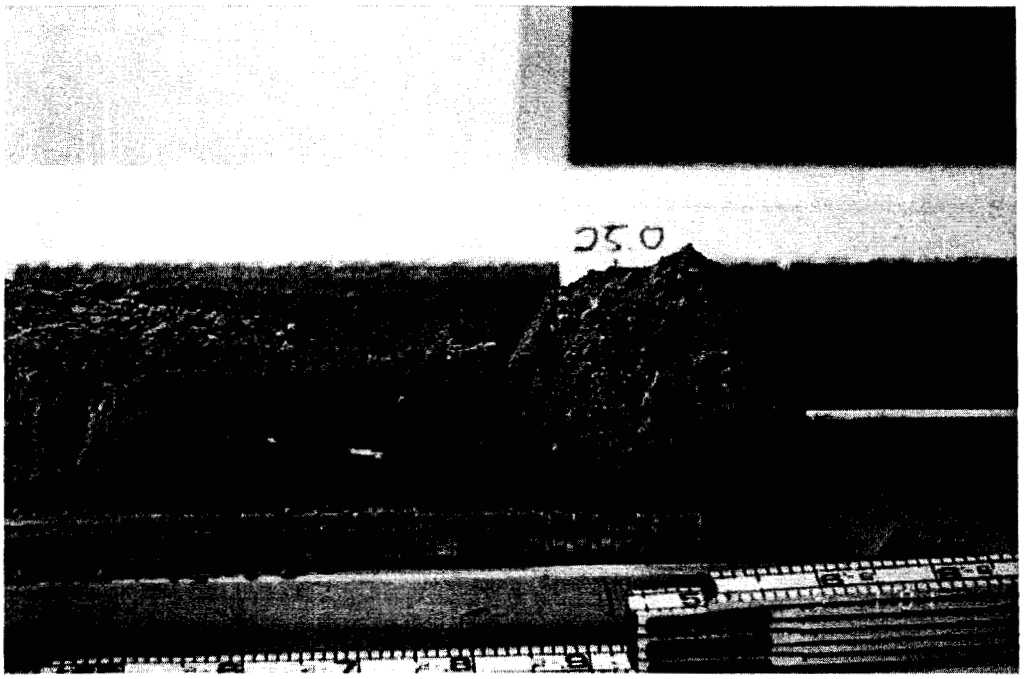


Date: 05/15/01 **Location ID:** n/a **Depth:** n/a **Sample ID:** n/a **Time:** n/a
Investigation Area: Between western and eastern seeps **Direction of Photograph:** n/a
Comments: Example of large clay-filled aperture fracture within DP canyon streambed

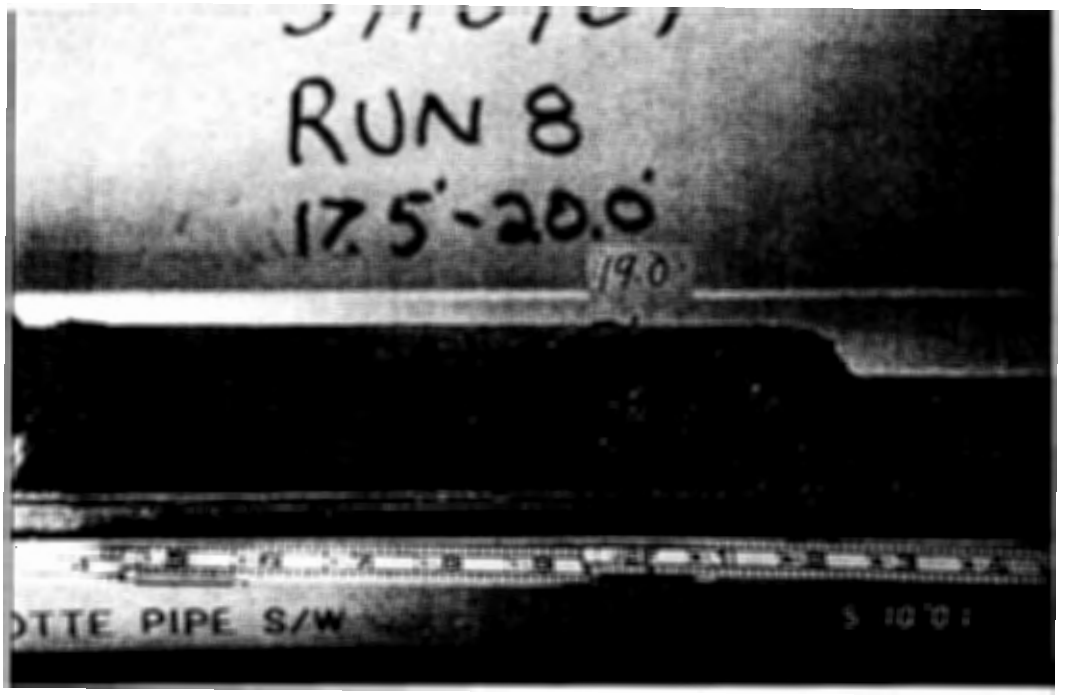


Date: 06/07/01 **Location ID:** 21-11250 **Depth:** 2.7 ft **Sample ID:** n/a **Time:** n/a
Investigation Area: Western seep **Direction of Photograph:** n/a
Comments: Clay- and iron-stained mottling indicating a possible fracture

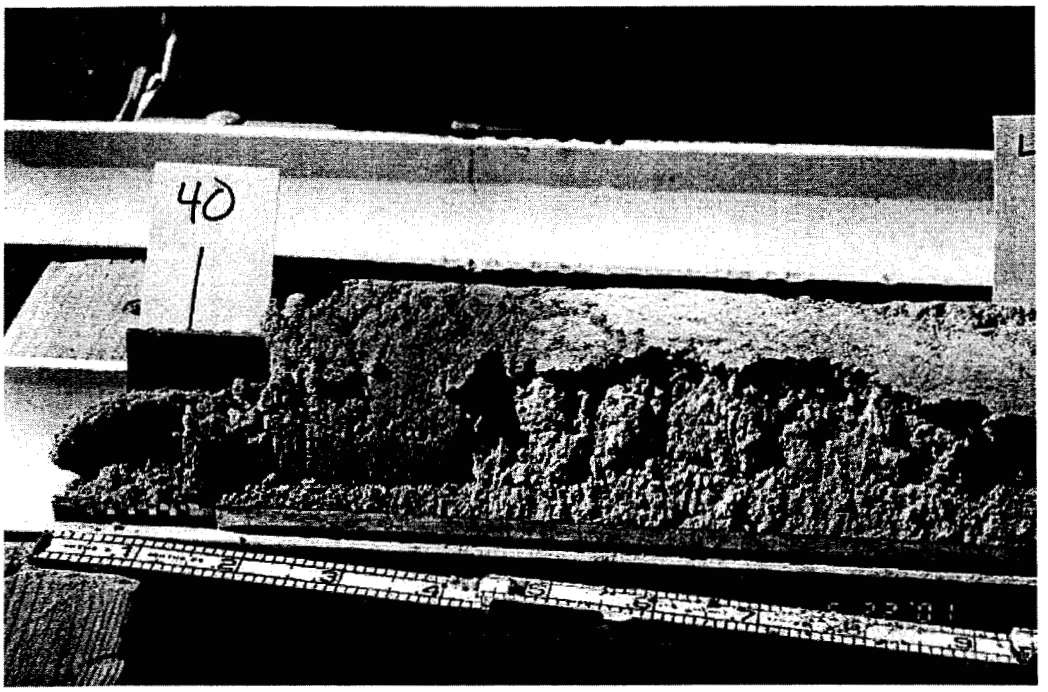
Date: 05/02/01 **Location ID:** 21-11229 **Depth:** 30.0 to 32.5 ft **Sample ID:** n/a **Time:** n/a
Investigation Area: Western seep **Direction of Photograph:** n/a
Comments: Iron-stained matrix



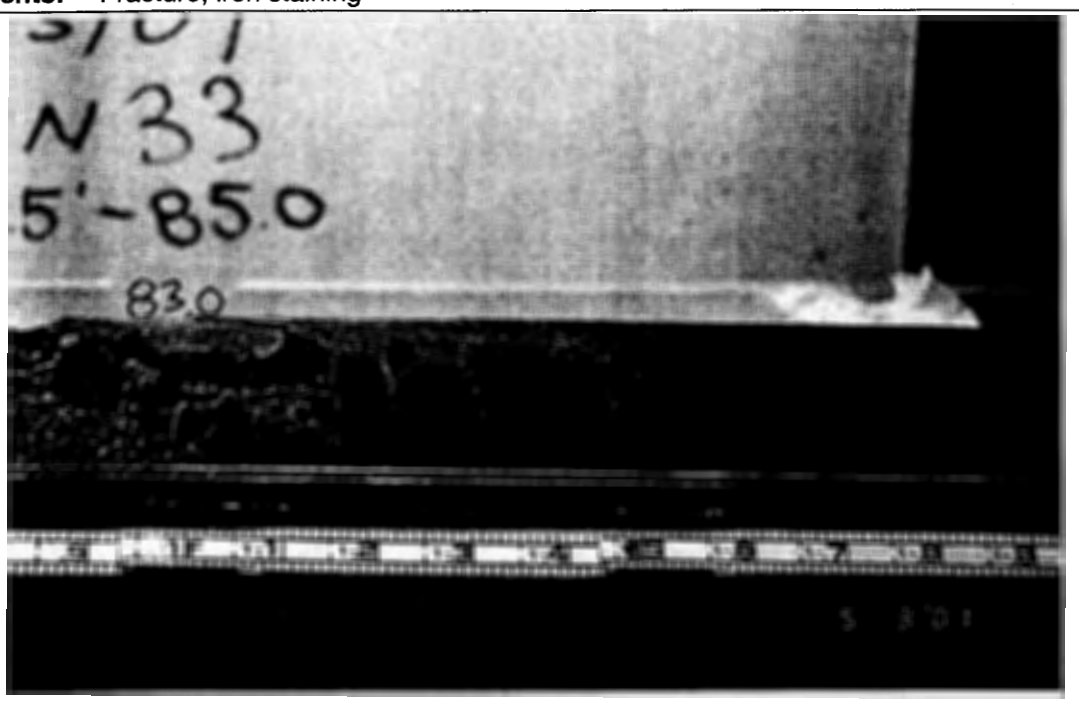
Date: 05/07/01 **Location ID:** 21-11230 **Depth:** 24.5 to 25.0 ft **Sample ID:** n/a **Time:** n/a
Investigation Area: Western seep **Direction of Photograph:** n/a
Comments: Close-up of clay-altered tuff matrix at 24.8 ft



Date: 05/15/01 **Location ID:** 21-11232 **Depth:** 18.0 to 19.0 ft **Sample ID:** n/a **Time:** n/a
Investigation Area: Mesa top **Direction of Photograph:** n/a
Comments: Near vertical fracture, 1-in.-wide clay-filled aperture, likely fracture 36 (Figure L-5)



Date: 05/22/01 **Location ID:** 21-11241 **Depth:** 40.0 to 40.9 ft **Sample ID:** n/a **Time:** n/a
Investigation Area: Western seep **Direction of Photograph:** n/a
Comments: Fracture, iron staining



Date: 05/03/01 **Location ID:** 21-11229 **Depth:** 82.8 to 83.9 ft **Sample ID:** n/a **Time:** n/a
Investigation Area: Western seep **Direction of Photograph:** n/a
Comments: Unstained, nonindurated tuff

Appendix K

Field-Screening Results

APPENDIX K FIELD-SCREENING RESULTS

Acronyms and Abbreviations

The following acronyms apply to Appendix K Tables K-1, K-2, and K-3.

BH	borehole
cpm	counts per minute
D	detected
dpm	disintegrations per minute
FY	fiscal year
HA	hand auger
IA	immunoassay
ND	not detected
NS	not sampled
NT	no test/screen has been performed
PID	photoionization detector
ppm	parts per million
SAA	same as above
TD	total depth
VOC	volatile organic compound

Table K-1
Field-Screening Results for the Mesa-Top Investigation Area

Location ID	Sample Begin and End Depth (ft)	Sample ID	Immunoassay Field-Screening Results (weathered diesel) (40 ppm)	Immunoassay Field-Screening Results (weathered diesel) (160 ppm)	PID Reading (ppm)	Alpha (cpm)	Beta/Gamma (dpm)	Location Type	Sample Matrix	Collection Rationale and Observations	Purpose	Site Description
21-11141	0.0–1.0	MD21-00-0061	ND	ND	ND	NT	NT	HA	Fill	No surface fractures observed 0.0–1.0 ft - Because no IA detects, fractures, visual or olfactory indicators observed in hole, top and bottom intervals were selected for laboratory analysis	To define extent adjacent to former fill port 10 and geophysical anomaly along the southern edge of the PRS	Located at 20 ft southwest of former tank 4 and 20 ft northwest of former fill port 10
21-11141	1.0–2.0	NS	ND	ND	NT	NT	NT	HA	Fill	NS	SAA	SAA
21-11141	2.0–3.0	NS	ND	ND	NT	NT	NT	HA	Fill	NS	SAA	SAA
21-11141	3.0–4.0	NS	ND	ND	NT	NT	NT	HA	Fill	NS	SAA	SAA
21-11141	4.0–5.0	MD21-00-0062	ND	ND	ND	NT	NT	HA	Fill	TD at 5.0 ft Because no IA detects, fractures, visual or olfactory indicators observed in hole, top and bottom intervals were selected for laboratory analysis	SAA	SAA
21-11150	4.0–5.0	NS	ND	ND	NT	NT	NT	BH	Fill	No surface fractures observed 4.0–5.0 ft - NS; fill material with asphalt and cobbles	To define extent beneath former tank 10 and along the southwestern portion of the PRS	Located at northern edge of former tank 10
21-11150	9.0–10.0	NS	ND	ND	NT	NT	NT	BH	Fill	NS	SAA	SAA
21-11150	14.0–15.0	NS	ND	ND	NT	NT	NT	BH	Fill	NS	SAA	SAA
21-11150	19.0–20.0	NS	ND	ND	NT	NT	NT	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11150	24.0–25.0	NS	ND	ND	NT	NT	NT	BH	Tuff, Qbt 3	NS	SAA	SAA

Table K-1 (continued)

Location ID	Sample Begin and End Depth (ft)	Sample ID	Immunoassay Field-Screening Results (weathered diesel) (40 ppm)	Immunoassay Field-Screening Results (weathered diesel) (160 ppm)	PID Reading (ppm)	Alpha (cpm)	Beta/Gamma (dpm)	Location Type	Sample Matrix	Collection Rationale and Observations	Purpose	Site Description
21-11150	29.0–30.0	NS	ND	ND	NT	NT	NT	BH	Tuff, Qbt 3	NS; hydrocarbon odor	SAA	SAA
21-11150	34.0–35.0	NS	ND	ND	NT	NT	NT	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11150	39.0–40.0	NS	ND	ND	ND	NT	NT	BH	Tuff, Qbt 3	NS; odor	SAA	SAA
21-11150	44.0–45.0	NS	ND	ND	ND	NT	NT	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11150	49.0–50.0	NS	ND	ND	ND	NT	NT	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11150	53.5–54.5	NS	ND	ND	0.6	NT	NT	BH	Tuff, Qbt 3	NS; horizontal fracture	SAA	SAA
21-11150	59.0–60.0	NS	ND	ND	0.6	NT	NT	BH	Tuff, Qbt 3	NS; fractures	SAA	SAA
21-11150	64.0–65.0	MD21-00-0101	ND	ND	1.0	NT	NT	BH	Tuff, Qbt 3	Weathered zone	SAA	SAA
21-11150	69.0–70.0	NS	ND	ND	1.0	NT	NT	BH	Tuff, Qbt 3	NS; reddish brown with minor clay films	SAA	SAA
21-11150	74.0–75.0	NS	ND	ND	1.2	NT	NT	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11150	79.0–80.0	NS	ND	ND	ND	NT	NT	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11150	84.0–85.0	NS	ND	ND	ND	NT	NT	BH	Tuff, Qbt 3	NS; occasional clay stringers	SAA	SAA
21-11150	89.0–90.0	NS	ND	ND	1.6	NT	NT	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11150	94.0–95.0	NS	ND	ND	ND	NT	NT	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11150	99.0–100.0	NS	ND	ND	ND	NT	NT	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11150	104.0–105.0	NS	ND	ND	0.4	NT	NT	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11150	107.5–108.5	MD21-00-0102	ND	ND	0.9	NT	NT	BH	Tuff, Qbt 2	Qbt 2 contact at 107.5 ft; TD at 108.5 ft	SAA	SAA
21-11151	4.0–5.0	NS	ND	ND	ND	NT	NT	BH	Topsoil/ Qbt 3	At surface, no fractures observed NS; contact of topsoil and tuff	To define extent beneath former tank 6 and the central portion of the PRS	Near the center of former tank 6

Table K-1 (continued)

Location ID	Sample Begin and End Depth (ft)	Sample ID	Immunoassay Field-Screening Results (weathered diesel) (40 ppm)	Immunoassay Field-Screening Results (weathered diesel) (160 ppm)	PID Reading (ppm)	Alpha (cpm)	Beta/Gamma (dpm)	Location Type	Sample Matrix	Collection Rationale and Observations	Purpose	Site Description
21-11151	9.0–10.0	NS	ND	ND	ND	NT	NT	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11151	11.5–12.5	NS	ND	ND	ND	NT	NT	BH	Tuff, Qbt 3	NS; possible fracture and staining	SAA	SAA
21-11151	14.0–15.0	NS	ND	ND	ND	NT	NT	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11151	19.0–20.0	NS	ND	ND	ND	NT	NT	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11151	24.0–25.0	MD21-00-0103	ND	ND	ND	NT	NT	BH	Tuff, Qbt 3	Weathered zone/discoloration, iron staining	SAA	SAA
21-11151	29.0–30.0	NS	ND	ND	1.4	NT	NT	BH	Tuff, Qbt 3	NS; stained zones	SAA	SAA
21-11151	31.5–32.5	NS	ND	ND	2.2	NT	NT	BH	Tuff, Qbt 3	NS; fracture at 45º to core axis	SAA	SAA
21-11151	34.0–35.0	NS	ND	ND	2.1	NT	NT	BH	Tuff, Qbt 3	NS; weathered pumice	SAA	SAA
21-11151	39.0–40.0	NS	ND	ND	1.8	NT	NT	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11151	44.0–45.0	NS	ND	ND	2.4	NT	NT	BH	Tuff, Qbt 3	NS; mottling and weathered pumice	SAA	SAA
21-11151	48.0–49.0	NS	ND	ND	0.5	NT	NT	BH	Tuff, Qbt 3	NS; mottling and minor clay	SAA	SAA
21-11151	54.0–55.0	NS	ND	ND	1.6	NT	NT	BH	Tuff, Qbt 3	NS; zones of light brown coloring	SAA	SAA
21-11151	59.0–60.0	NS	ND	ND	0.4	NT	NT	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11151	64.0–65.0	NS	ND	ND	1.0	NT	NT	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11151	66.0–67.0	NS	ND	ND	1.2	NT	NT	BH	Tuff, Qbt 3	NS; weathered zone	SAA	SAA
21-11151	69.0–70.0	NS	ND	ND	0.4	NT	NT	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11151	74.0–75.0	NS	ND	ND	0.2	NT	NT	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11151	75.8–76.8	NS	ND	ND	ND	NT	NT	BH	Tuff, Qbt 3	NS; thin tan seams	SAA	SAA
21-11151	79.0–80.0	NS	ND	ND	ND	NT	NT	BH	Tuff, Qbt 3	NS; brown clay-altered seams	SAA	SAA

Table K-1 (continued)

Location ID	Sample Begin and End Depth (ft)	Sample ID	Immunoassay Field-Screening Results (weathered diesel) (40 ppm)	Immunoassay Field-Screening Results (weathered diesel) (160 ppm)	PID Reading (ppm)	Alpha (cpm)	Beta/Gamma (dpm)	Location Type	Sample Matrix	Collection Rationale and Observations	Purpose	Site Description
21-11151	80.5–81.5	NS	ND	ND	ND	NT	NT	BH	Tuff, Qbt 3	NS; thin horizontal and vertical seams	SAA	SAA
21-11151	84.0–85.0	NS	ND	ND	ND	NT	NT	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11151	89.0–90.0	NS	ND	ND	ND	NT	NT	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11151	94.0–95.0	NS	ND	ND	ND	NT	NT	BH	Tuff, Qbt 3	NS; thin tan stringer	SAA	SAA
21-11151	95.6–96.0	MD21-00-0104	D	D	ND	NT	NT	BH	Tuff, Qbt 3	Probable thin fracture at 45° to core, IA detects at 40 ppm and 160 ppm	SAA	SAA
21-11151	99.0–100.0	NS	ND	ND	ND	NT	NT	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11151	104.0–105.0	NS	ND	ND	ND	NT	NT	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11151	105.0–105.5	MD21-00-0105	ND	ND	ND	NT	NT	BH	Tuff, Qbt 3	Probable fracture at 30° to core axis	SAA	SAA
21-11151	105.5–106.5	MD21-00-0106	ND	ND	ND	NT	NT	BH	Tuff, Qbt 3	Qbt 2 contact at 106.5 ft; TD at 106.5 ft	SAA	SAA
21-11153	4.0–5.0	NS	ND	ND	0.8	NT	NT	BH	Tuff, Qbt 3	At surface, no fractures noted NS	To define extent northeast of the former East Fill Station along the northeastern edge of the PRS	Midway between the former East Fill Station and the former gate valve drain
21-11153	5.0–6.0	NS	ND	ND	18	NT	NT	BH	Tuff, Qbt 3	NS; fracture	SAA	SAA
21-11153	9.0–10.0	NS	ND	ND	ND	NT	NT	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11153	14.0–15.0	NS	ND	ND	1.2	NT	NT	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11153	16.5–17.5	NS	ND	ND	1	NT	NT	BH	Tuff, Qbt 3	NS; near vertical fracture	SAA	SAA
21-11153	19.0–20.0	NS	ND	ND	1.2	NT	NT	BH	Tuff, Qbt 3	NS; fracture	SAA	SAA

Table K-1 (continued)

Location ID	Sample Begin and End Depth (ft)	Sample ID	Immunoassay Field-Screening Results (weathered diesel) (40 ppm)	Immunoassay Field-Screening Results (weathered diesel) (160 ppm)	PID Reading (ppm)	Alpha (cpm)	Beta/Gamma (dpm)	Location Type	Sample Matrix	Collection Rationale and Observations	Purpose	Site Description
21-11153	24.0–25.0	NS	ND	ND	0.8	NT	NT	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11153	29.0–30.0	NS	ND	ND	ND	NT	NT	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11153	34.0–35.0	NS	ND	ND	ND	NT	NT	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11153	39.0–40.0	NS	ND	ND	ND	NT	NT	BH	Tuff, Qbt 3	NS; discontinuous clay films	SAA	SAA
21-11153	43.5–44.5	NS	NT	NT	0.6	NT	NT	BH	Tuff, Qbt 3	NS; weathered zones	SAA	SAA
21-11153	49.0–50.0	MD21-00-0109	ND	ND	0.8	NT	NT	BH	Tuff, Qbt 3	Weathered zones	SAA	SAA
21-11153	54.0–55.0	NS	ND	ND	0.2	NT	NT	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11153	59.0–60.0	NS	ND	ND	ND	NT	NT	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11153	64.0–65.0	NS	ND	ND	0.4	NT	NT	BH	Tuff, Qbt 3	NS; occasional weathered zones	SAA	SAA
21-11153	69.0–70.0	NS	ND	ND	0.4	NT	NT	BH	Tuff, Qbt 3	NS; little weathering	SAA	SAA
21-11153	74.0–75.0	NS	ND	ND	1	NT	NT	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11153	79.0–80.0	NS	ND	ND	1.6	NT	NT	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11153	84.0–85.0	NS	ND	ND	1.8	NT	NT	BH	Tuff, Qbt 3	NS; fracture at 30° to core axis	SAA	SAA
21-11153	89.0–90.0	NS	ND	ND	0.4	NT	NT	BH	Tuff, Qbt 3	NS; minor weathering	SAA	SAA
21-11153	94.0–95.0	MD21-00-0110	ND	ND	0.6	NT	NT	BH	Tuff, Qbt 3	Qbt 2 contact at 95 ft; TD at 95 ft	SAA	SAA
21-11154	4.0–5.0	NS	ND	ND	0.2	NT	NT	BH	Tuff, Qbt 3	No surface fractures observed 4.0–5.0 ft - NS; weak weathered zones	To define extent beneath the northern edge of the PRS	Approximately 60 ft northeast of the former West Fill Station
21-11154	9.0–10.0	NS	ND	ND	ND	NT	NT	BH	Tuff, Qbt 3	NS; weathered zones	SAA	SAA
21-11154	14.0–15.0	NS	ND	ND	0.4	NT	NT	BH	Tuff, Qbt 3	NS, weathered zones	SAA	SAA

Table K-1 (continued)

Location ID	Sample Begin and End Depth (ft)	Sample ID	Immunoassay Field-Screening Results (weathered diesel) (40 ppm)	Immunoassay Field-Screening Results (weathered diesel) (160 ppm)	PID Reading (ppm)	Alpha (cpm)	Beta/Gamma (dpm)	Location Type	Sample Matrix	Collection Rationale and Observations	Purpose	Site Description
21-11154	19.0–20.0	NS	ND	ND	1	NT	NT	BH	Tuff, Qbt 3	NS; weathered zones	SAA	SAA
21-11154	24.0–25.0	NS	ND	ND	0.2	NT	NT	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11154	29.0–30.0	NS	ND	ND	1	NT	NT	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11154	34.0–35.0	NS	ND	ND	0.6	NT	NT	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11154	38.0–39.0	NS	ND	ND	1.1	NT	NT	BH	Tuff, Qbt 3	NS; fracture	SAA	SAA
21-11154	44.0–45.0	NS	ND	ND	0.9	NT	NT	BH	Tuff, Qbt 3	NS; weathered zones	SAA	SAA
21-11154	49.0–50.0	MD21-00-0111	ND	ND	ND	NT	NT	BH	Tuff, Qbt 3	Approximate midpoint of borehole; no IA detects throughout	SAA	SAA
21-11154	54.0–55.0	NS	ND	ND	1.8	NT	NT	BH	Tuff, Qbt 3	NS; dispersed weathered zones	SAA	SAA
21-11154	59.0–60.0	NS	ND	ND	1.2	NT	NT	BH	Tuff, Qbt 3	NS; weathered zones	SAA	SAA
21-11154	64.0–65.0	NS	ND	ND	1.6	NT	NT	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11154	69.0–70.0	NS	ND	ND	0.6	NT	NT	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11154	74.0–75.0	NS	ND	ND	0.8	NT	NT	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11154	78.0–79.0	NS	ND	ND	0.6	NT	NT	BH	Tuff, Qbt 3	NS; fracture or weathered zone	SAA	SAA
21-11154	84.0–85.0	NS	ND	ND	1.6	NT	NT	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11154	89.0–90.0	NS	ND	ND	1.8	NT	NT	BH	Tuff, Qbt 2	NS	SAA	SAA
21-11154	92.5–93.0	MD21-00-0112	ND	ND	2.2	NT	NT	BH	Tuff, Qbt 2	Qbt 2 contact at 86 ft; TD at 93 ft	SAA	SAA
21-11155	4.0–5.0	NS	ND	ND	0.8	NT	NT	BH	Tuff, Qbt 3	At surface, location is near inferred traces of fracture 24 and approximately 8 ft west of fracture 26 4.0–5.0 ft - NS; fracture	To define extent along the northwestern edge of the PRS	Approximately 115 ft northwest of the former West Fill Station on west road cut

Table K-1 (continued)

Location ID	Sample Begin and End Depth (ft)	Sample ID	Immunoassay Field-Screening Results (weathered diesel) (40 ppm)	Immunoassay Field-Screening Results (weathered diesel) (160 ppm)	PID Reading (ppm)	Alpha (cpm)	Beta/Gamma (dpm)	Location Type	Sample Matrix	Collection Rationale and Observations	Purpose	Site Description
21-11155	9.0–10.0	NS	ND	ND	2.6	NT	NT	BH	Tuff, Qbt 3	NS; zones of red-brown tuff	SAA	SAA
21-11155	14.0–15.0	NS	ND	ND	3	NT	NT	BH	Tuff, Qbt 3	NS; near horizontal fracture	SAA	SAA
21-11155	19.0–20.0	NS	ND	ND	2.6	NT	NT	BH	Tuff, Qbt 3	NS; weathered mottling and thin clay films	SAA	SAA
21-11155	24.0–25.0	NS	ND	ND	3.1	NT	NT	BH	Tuff, Qbt 3	NS; weathered mottling and thin clay films	SAA	SAA
21-11155	29.0–30.0	NS	ND	ND	2.4	NT	NT	BH	Tuff, Qbt 3	NS; mottling	SAA	SAA
21-11155	34.0–35.0	NS	ND	ND	3.4	NT	NT	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11155	39.0–40.0	NS	ND	ND	2	NT	NT	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11155	44.0–45.0	NS	ND	ND	3.8	NT	NT	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11155	49.0–50.0	NS	ND	ND	3	NT	NT	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11155	54.0–55.0	MD21-00-0113	ND	ND	2.6	NT	NT	BH	Tuff, Qbt 3	Weathered zone	SAA	SAA
21-11155	59.0–60.0	NS	ND	ND	2	NT	NT	BH	Tuff, Qbt 3	NS; localized tan mottling, minor clay noted	SAA	SAA
21-11155	64.0–65.0	NS	ND	ND	2.8	NT	NT	BH	Tuff, Qbt 3	NS; localized clay mottling	SAA	SAA
21-11155	69.0–70.0	NS	ND	ND	2.6	NT	NT	BH	Tuff, Qbt 3	NS; localized tan mottling	SAA	SAA
21-11155	74.0–75.0	NS	ND	ND	2.8	NT	NT	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11155	80.0–81.0	NS	ND	ND	3.6	NT	NT	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11155	84.0–85.0	NS	ND	ND	2.2	NT	NT	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11155	87.5–90.0	MD21-00-0114	ND	ND	4.8	NT	NT	BH	Tuff, Qbt 3	Qbt 2 contact at 90 ft; TD at 90 ft	SAA	SAA

Table K-1 (continued)

Location ID	Sample Begin and End Depth (ft)	Sample ID	Immunoassay Field-Screening Results (weathered diesel) (40 ppm)	Immunoassay Field-Screening Results (weathered diesel) (160 ppm)	PID Reading (ppm)	Alpha (cpm)	Beta/Gamma (dpm)	Location Type	Sample Matrix	Collection Rationale and Observations	Purpose	Site Description
21-11156	4.0–5.0	NS	ND	ND	ND	NT	NT	BH	Tuff, Qbt 3	No surface fractures observed 4.0–5.0 ft - NS	To define extent along western edge of PRS near former tank 9	Approximately 45 ft west of former tank 9
21-11156	9.0–10.0	MD21-00-0115	D	ND	ND	NT	NT	BH	Tuff, Qbt 3	IA detect at 40 ppm	SAA	SAA
21-11156	14.0–15.0	NS	ND	ND	ND	NT	NT	BH	Tuff, Qbt 3	NS; weathered zones	SAA	SAA
21-11156	19.0–20.0	NS	ND	ND	0.2	NT	NT	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11156	24.0–25.0	NS	ND	ND	0.1	NT	NT	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11156	27.5–28.5	NS	ND	ND	1	NT	NT	BH	Tuff, Qbt 3	NS; weathered zone	SAA	SAA
21-11156	34.0–35.0	NS	ND	ND	ND	NT	NT	BH	Tuff, Qbt 3	NS; weathered zone	SAA	SAA
21-11156	39.0–40.0	NS	ND	ND	ND	NT	NT	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11156	49.0–50.0	NS	ND	ND	ND	NT	NT	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11156	54.0–55.0	NS	ND	ND	0.6	NT	NT	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11156	59.0–60.0	NS	ND	ND	ND	NT	NT	BH	Tuff, Qbt 3	NS; weathered zone	SAA	SAA
21-11156	60.0–61.0	MD21-00-0116	NT	NT	ND	NT	NT	BH	Tuff, Qbt 3	Weathered zone	SAA	SAA
21-11156	64.0–65.0	NS	ND	ND	ND	NT	NT	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11156	69.0–70.0	NS	ND	ND	NT	NT	NT	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11156	79.0–80.0	NS	ND	ND	NT	NT	NT	BH	Tuff, Qbt 3	NS; turpentine odor	SAA	SAA
21-11156	84.0–85.0	NS	ND	ND	NT	NT	NT	BH	Tuff, Qbt 3	NS; turpentine odor	SAA	SAA
21-11156	89.0–90.0	NS	ND	ND	NT	NT	NT	BH	Tuff, Qbt 3	NS; turpentine odor	SAA	SAA
21-11156	94.0–95.0	NS	ND	ND	NT	NT	NT	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11156	99.0–100.0	MD21-00-0117	ND	ND	NT	NT	NT	BH	Tuff, Qbt 3	Qbt 2 contact at 102.5 ft; TD at 102.5 ft	SAA	SAA

Table K-1 (continued)

Location ID	Sample Begin and End Depth (ft)	Sample ID	Immunoassay Field-Screening Results (weathered diesel) (40 ppm)	Immunoassay Field-Screening Results (weathered diesel) (160 ppm)	PID Reading (ppm)	Alpha (cpm)	Beta/Gamma (dpm)	Location Type	Sample Matrix	Collection Rationale and Observations	Purpose	Site Description
21-11232	4.0–5.0	NS	ND	ND	1.0	0	250	BH	Tuff, Qbt 3	At surface, location situated along the inferred trace of fracture 36 4.0–5.0 ft - NS	To define extent beneath the former West Fill Station and to assess potential of fracture 36; adjacent to FY00 location 21-11143 and FY01 location 21-11240	Approximately 5 ft west of the former West Fill Station
21-11232	6.3–6.6	MD21-01-0108	ND	ND	1.0	0	366	BH	Tuff, Qbt 3	Fracture, oxidized	SAA	SAA
21-11232	9.0–10.0	NS	ND	ND	1.0	0	NT	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11232	10.0–11.0	MD21-01-0109	ND	ND	1.3	0	345	BH	Tuff, Qbt 3	Fracture, oxidized	SAA	SAA
21-11232	14.0–15.0	NS	ND	ND	1.3	0	411	BH	Tuff, Qbt 3	NS; vertical fracture (from 10–40 ft)	SAA	SAA
21-11232	19.0–20.0	NS	ND	ND	1.7	0	370	BH	Tuff, Qbt 3	NS; vertical fracture (from 10–40 ft)	SAA	SAA
21-11232	21.7–22.5	MD21-01-0112	ND	ND	2.0	0	313	BH	Tuff, Qbt 3	Vertical fracture (from 10–40 ft)	SAA	SAA
21-11232	29.4–30.0	NS	ND	ND	1.0	NT	NT	BH	Tuff, Qbt 3	NS; vertical fracture (from 10–40 ft)	SAA	SAA
21-11232	34.0–35.0	NS	ND	ND	0.8	NT	NT	BH	Tuff, Qbt 3	NS; vertical fracture (from 10–40 ft)	SAA	SAA
21-11232	39.0–40.0	NS	ND	ND	0.8	NT	NT	BH	Tuff, Qbt 3	NS; vertical fracture (from 10–40 ft)	SAA	SAA

Table K-1 (continued)

Location ID	Sample Begin and End Depth (ft)	Sample ID	Immunoassay Field-Screening Results (weathered diesel) (40 ppm)	Immunoassay Field-Screening Results (weathered diesel) (160 ppm)	PID Reading (ppm)	Alpha (cpm)	Beta/Gamma (dpm)	Location Type	Sample Matrix	Collection Rationale and Observations	Purpose	Site Description
21-11240	4.0–5.0	NS	ND	ND	1.0	0	436	BH	Tuff, Qbt 3	At surface, location situated along inferred trace of fracture 36 4.0–5.0 ft, NS	To define extent beneath the former West Fill Station and to assess potential of fracture 36; adjacent to FY00 location 21-11143 and FY01 location 21-11232	Approximately 5 ft west of the former West Fill Station
21-11240	9.0–10.0	NS	ND	ND	1.4	0	462	BH	Tuff, Qbt 3	NS; occasional weak iron staining	SAA	SAA
21-11240	14.0–15.0	NS	ND	ND	1.2	0	543	BH	Tuff, Qbt 3	NS; occasional weak iron staining	SAA	SAA
21-11240	19.0–20.0	NS	ND	ND	1.2	0	518	BH	Tuff, Qbt 3	NS; occasional weak iron staining	SAA	SAA
21-11240	24.0–25.0	NS	ND	ND	1.4	0	539	BH	Tuff, Qbt 3	NS; occasional weak iron staining	SAA	SAA
21-11240	29.0–30.0	NS	ND	ND	1.0	0	547	BH	Tuff, Qbt 3	NS; occasional weak iron staining	SAA	SAA
21-11240	34.0–35.0	NS	ND	ND	1.2	0	580	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11240	39.0–40.0	NS	ND	ND	1.2	0	452	BH	Tuff, Qbt 3	NS; minor iron staining and clay-altered pumice	SAA	SAA
21-11240	44.0–45.0	NS	ND	ND	1.2	0	465	BH	Tuff, Qbt 3	NS; minor iron staining and clay-altered pumice	SAA	SAA
21-11240	46.7–47.0	MD21-01-0113	ND	ND	1.2	0	399	BH	Tuff, Qbt3	Intermittent iron staining and clay alteration	SAA	SAA

Table K-1 (continued)

Location ID	Sample Begin and End Depth (ft)	Sample ID	Immunoassay Field-Screening Results (weathered diesel) (40 ppm)	Immunoassay Field-Screening Results (weathered diesel) (160 ppm)	PID Reading (ppm)	Alpha (cpm)	Beta/Gamma (dpm)	Location Type	Sample Matrix	Collection Rationale and Observations	Purpose	Site Description
21-11240	49.0–50.0	NS	ND	ND	1.2	0	621	BH	Tuff, Qbt 3	NS; minor iron staining	SAA	SAA
21-11240	54.0–55.0	NS	ND	ND	1.4	0	428	BH	Tuff, Qbt 3	NS; minor iron staining and clay alteration	SAA	SAA
21-11240	59.0–60.0	NS	ND	ND	1.6	0	489	BH	Tuff, Qbt 3	NS; iron staining	SAA	SAA
21-11240	64.0–65.0	NS	ND	ND	1.6	0	568	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11240	69.0–70.0	NS	ND	ND	1.6	0	605	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11240	74.0–75.0	NS	ND	ND	1.6	0	580	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11240	79.0–80.0	NS	ND	ND	1.6	0	592	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11240	84.0–85.0	NS	ND	ND	1.4	0	539	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11240	86.3–87.5	MD21-01-0114	ND	ND	1.4	0	494	BH	Tuff, Qbt 3	Fracture at 15° to core axis, iron staining	SAA	SAA
21-11240	89.0–90.0	NS	ND	ND	1.4	0	522	BH	Tuff, Qbt 3	NS; moist clay in tuff matrix	SAA	SAA
21-11240	93.0–94.0	MD21-01-0078	ND	ND	1.0	0	551	BH	Tuff, Qbt 3	Qbt 2 contact at 94 ft; TD at 95 ft	SAA	SAA
21-11240	93.0–94.0	MD21-01-0079	ND	ND	1.0	0	551	BH	Tuff, Qbt 3	Duplicate sample	SAA	SAA
21-11244	4.0–5.0	NS	ND	ND	1.2	0	321	BH	Fill	No surface fractures noted 4.0–5.0 ft - NS	To define extent beneath the former west valve box in the central portion of the PRS; adjacent to FY00 location 21-11152	Situated at the northeast corner of the former west valve box
21-11244	9.0–10.0	MD21-01-0126	D	ND	1.2	0	440	BH	Soil	IA detect at 40 ppm	SAA	SAA
21-11244	14.0–15.0	NS	ND	ND	1.4	0	271	BH	Tuff, Qbt 3	NS; fracture, iron staining	SAA	SAA

Table K-1 (continued)

Location ID	Sample Begin and End Depth (ft)	Sample ID	Immunoassay Field-Screening Results (weathered diesel) (40 ppm)	Immunoassay Field-Screening Results (weathered diesel) (160 ppm)	PID Reading (ppm)	Alpha (cpm)	Beta/Gamma (dpm)	Location Type	Sample Matrix	Collection Rationale and Observations	Purpose	Site Description
21-11244	19.0–20.0	NS	ND	ND	1.4	0	407	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11244	24.0–25.0	NS	ND	ND	1.4	0	448	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11244	29.0–30.0	NS	ND	ND	1.4	0	420	BH	Tuff, Qbt 3	NS; manganese oxide staining	SAA	SAA
21-11244	34.0–35.0	NS	ND	ND	1.4	0	461	BH	Tuff, Qbt 3	NS; iron staining, fracture	SAA	SAA
21-11244	36.1–36.7	NS	ND	ND	1.0	0	424	BH	Tuff, Qbt 3	NS; iron-stained fracture from 36–46 ft	SAA	SAA
21-11244	39.0–40.0	MD21-01-0128	ND	ND	1.0	0	415	BH	Tuff, Qbt 3	Fracture from 36–46 ft	SAA	SAA
21-11244	44.0–45.0	NS	ND	ND	1.0	0	555	BH	Tuff, Qbt 3	NS; fracture from 36–46 ft	SAA	SAA
21-11244	49.0–50.0	NS	ND	ND	1.0	0	481	BH	Tuff, Qbt 3	NS; significant iron staining with slight clay alteration	SAA	SAA
21-11244	54.0–55.0	NS	ND	ND	1.0	0	457	BH	Tuff, Qbt 3	NS; iron staining	SAA	SAA
21-11244	59.0–60.0	NS	ND	ND	1.0	0	535	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11244	64.0–65.0	NS	ND	ND	1.0	0	415	BH	Tuff, Qbt 3	NS; intermittent iron staining with slight clay alteration	SAA	SAA
21-11244	69.0–70.0	NS	ND	ND	1.0	0	378	BH	Tuff, Qbt 3	NS; intermittent iron staining with slight clay alteration	SAA	SAA
21-11244	74.0–75.0	NS	ND	ND	1.0	0	477	BH	Tuff, Qbt 3	NS; intermittent iron staining with slight clay alteration	SAA	SAA
21-11244	79.0–80.0	NS	ND	ND	1.0	0	465	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11244	84.0–85.0	NS	ND	ND	1.0	0	395	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11244	89.0–90.0	NS	ND	ND	1.0	0	457	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11244	94.0–95.0	NS	ND	ND	1.0	0	424	BH	Tuff, Qbt 3	NS; fracture	SAA	SAA
21-11244	99.0–100.0	NS	ND	ND	1.0	0	551	BH	Tuff, Qbt 3	NS; trace iron staining	SAA	SAA

Table K-1 (continued)

Location ID	Sample Begin and End Depth (ft)	Sample ID	Immunoassay Field-Screening Results (weathered diesel) (40 ppm)	Immunoassay Field-Screening Results (weathered diesel) (160 ppm)	PID Reading (ppm)	Alpha (cpm)	Beta/Gamma (dpm)	Location Type	Sample Matrix	Collection Rationale and Observations	Purpose	Site Description
21-11244	104.0–104.5	MD21-01-0127	ND	ND	1.0	0	494	BH	Tuff, Qbt 2	Qbt 2 contact at 104 ft; TD at 104.5	SAA	SAA
21-11245	3.8–4.2	NS	ND	ND	1.0	0	457	BH	Tuff, Qbt 3	No surface fractures observed 4.0–5.0 ft - NS; oxidized	To define extent beneath former tank 9; adjacent to FY00 location 21-11149	Approximately 20 ft northeast of former tank 9
21-11245	4.0–5.0	NS	ND	ND	1.0	0	457	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11245	9.0–10.0	NS	ND	ND	1.0	0	321	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11245	14.0–15.0	NS	ND	ND	1.0	0	288	BH	Tuff, Qbt 3	NS; localized, weak iron staining	SAA	SAA
21-11245	19.0–20.0	NS	ND	ND	1.0	0	502	BH	Tuff, Qbt 3	NS; localized, weak iron staining	SAA	SAA
21-11245	24.0–25.0	NS	ND	ND	1.0	0	440	BH	Tuff, Qbt 3	NS; iron staining	SAA	SAA
21-11245	29.0–30.0	NS	ND	ND	1.0	0	378	BH	Tuff, Qbt 3	NS; iron staining	SAA	SAA
21-11245	34.0–35.0	MD21-01-0129	D	ND	1.1	0	436	BH	Tuff, Qbt 3	IA detect at 40 ppm	SAA	SAA
21-11245	39.0–40.0	NS	ND	ND	1.2	0	457	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11245	44.0–45.0	NS	ND	ND	1.2	0	461	BH	Tuff, Qbt 3	NS; localized iron staining	SAA	SAA
21-11245	49.0–50.0	NS	ND	ND	1.2	0	543	BH	Tuff, Qbt 3	NS; iron staining	SAA	SAA
21-11245	54.0–55.0	NS	ND	ND	1.2	0	440	BH	Tuff, Qbt 3	NS; localized iron stained pumice	SAA	SAA
21-11245	59.0–60.0	NS	ND	ND	1.2	0	436	BH	Tuff, Qbt 3	NS; diesel odor, iron staining	SAA	SAA
21-11245	64.0–65.0	MD21-01-0130	D	ND	2.3	0	498	BH	Tuff, Qbt 3	Diesel odor, IA detect at 40 ppm	SAA	SAA
21-11245	69.0–70.0	MD21-01-0131	D	ND	3.0	0	518	BH	Tuff, Qbt 3	Diesel odor, IA detect at 40 ppm	SAA	SAA
21-11245	74.0–75.0	NS	ND	ND	1.0	0	465	BH	Tuff, Qbt 3	NS; diesel odor	SAA	SAA
21-11245	79.0–80.0	MD21-01-0132	D	ND	1.2	0	498	BH	Tuff, Qbt 3	Diesel odor, IA detect at 40 ppm	SAA	SAA

Table K-1 (continued)

Location ID	Sample Begin and End Depth (ft)	Sample ID	Immunoassay Field-Screening Results (weathered diesel) (40 ppm)	Immunoassay Field-Screening Results (weathered diesel) (160 ppm)	PID Reading (ppm)	Alpha (cpm)	Beta/Gamma (dpm)	Location Type	Sample Matrix	Collection Rationale and Observations	Purpose	Site Description
21-11245	84.0–85.0	MD21-01-0133	D	ND	3.0	0	452	BH	Tuff, Qbt 3	Diesel odor, IA detect at 40 ppm	SAA	SAA
21-11245	89.0–90.0	MD21-01-0134	D	ND	3.0	0	543	BH	Tuff, Qbt 3	Weak diesel odor, IA detect at 40 ppm	SAA	SAA
21-11245	94.0–95.0	NS	ND	ND	3.0	0	407	BH	Tuff, Qbt 3	NS; weak diesel odor	SAA	SAA
21-11245	99.0–100.0	NS	ND	ND	1.0	0	469	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11245	103.0–104.0	MD21-01-0135	ND	ND	1.0	0	531	BH	Tuff, Qbt 3	Qbt 2 contact at 104 ft; TD at 104 ft	SAA	SAA
21-11245	103.0–104.0	MD21-01-0136	ND	ND	1.0	0	531	BH	Tuff, Qbt 3	Duplicate sample	SAA	SAA
21-11247	1.5–2.0	MD21-01-0140	ND	ND	0.1	0	470	HA	Fill	No surface fractures observed 1.5–2.0 ft - asphalt fragment noted	To define extent near former fill port 13 geophysical anomaly along the southern edge of PRS	Approximately 20 ft northeast of former fill port 13 and 10 ft southeast of former Tank 14
21-11247	3.5–4.0	NS	ND	ND	0.1	0	477	HA	Fill	NS; minor gravel (base coarse) noted	SAA	SAA
21-11247	5.5–6.0	MD21-01-0141	ND	ND	0.1	0	473	HA	Fill	TD at 6.0 ft	SAA	SAA

Table K-2
Field-Screening Results for the Western Seep Investigation Area

Location ID	Sample Begin and End Depth (ft)	Sample ID	Immunoassay Field-Screening Results (weathered diesel) (40 ppm)	Immunoassay Field-Screening Results (weathered diesel) (160 ppm)	PID Reading (ppm)	Alpha (cpm)	Beta/Gamma (dpm)	Location Type	Sample Matrix	Collection Rationale and Observations	Purpose	Site Description
21-11125	0.0–0.5	MD21-00-0040	NT	NT	ND	NT	NT	Surface	Channel sediment	Location is approximately 8 ft east of fracture 69 Additional sample for VOCs (previous sample sieved)	To supplement data collected for subreach DP-1 in the DP Canyon reach report	Within stream channel in narrow canyon north to northeast of former East Fill Station
21-11125	0.0–0.5	MD21-00-0078	ND	ND	ND	NT	NT	Surface	Channel sediment	Single sediment sample	SAA	SAA
21-11126	0.0–0.5	MD21-00-0041	NT	NT	38	NT	NT	Surface	Channel sediment	Location is approximately 12 ft west of fracture 57 Additional sample for VOCs (previous sample sieved)	To supplement data collected for subreach DP-1 in the DP Canyon reach report	Within stream channel in narrow canyon northwest of former East Fill Station
21-11126	0.0–0.5	MD21-00-0079	D	D	38	NT	NT	Surface	Channel sediment	Single sediment sample	SAA	SAA
21-11127	0.0–0.5	MD21-00-0042	NT	NT	212	NT	NT	Surface	Channel sediment	Location is approximately 10 ft west of fracture 42 Additional sample for VOCs (previous sample sieved)	To supplement data collected for subreach DP-1in the DP Canyon reach report	In central portion of Western Seep
21-11127	0.0–0.5	MD21-00-0080	D	D	212	NT	NT	Surface	Channel sediment	Single sediment sample	SAA	SAA
21-11128	0.0–0.5	MD21-00-0043	NT	NT	40.6	NT	NT	Surface	Channel sediment	Location is approximately 20 ft west of fracture 37 Additional sample for VOCs (previous sample sieved)	To supplement data collected for subreach DP-1 in the DP Canyon reach report	Approximately 100 ft west of western seep area

Table K-2 (continued)

Location ID	Sample Begin and End Depth (ft)	Sample ID	Immunoassay Field-Screening Results (weathered diesel) (40 ppm)	Immunoassay Field-Screening Results (weathered diesel) (160 ppm)	PID Reading (ppm)	Alpha (cpm)	Beta/Gamma (dpm)	Location Type	Sample Matrix	Collection Rationale and Observations	Purpose	Site Description
21-11128	0.0–0.5	MD21-00-0081	D	D	40.6	NT	NT	Surface	Channel sediment	Single sediment sample	SAA	SAA
21-11129	0.0–0.5	MD21-00-0035	D	ND	3.1	NT	NT	Surface	Outfall sediment	Single sample for location	To assess the westernmost mesa-top storm drain outfall	On canyon slope approximately 40 ft north of the northern PRS fence at the storm drain outlet
21-11130	0.0–0.5	MD21-00-0036	D	D	2.5	NT	NT	Surface	Outfall sediment	Single sample for location	To assess the middle storm drain outfall	On canyon slope, north of former East Fill Station and approximately 10 ft north of northern PRS fence
21-11142	0.0–1.0	NS	D	D	ND	NT	NT	HA	Tuff, Qbt 3	At surface, location is approximately 2 ft west of inferred trace of fracture 42 NS	To define extent north of channel in central portion of western seep area	Below the apartments on northern bank of stream channel
21-11142	1.0–2.0	MD21-00-0063	D	D	ND	NT	NT	HA	Tuff, Qbt 3	IA detects at 40 ppm and 160 ppm	SAA	SAA
21-11142	2.0–3.0	MD21-00-0064	D	ND	ND	NT	NT	HA	Tuff, Qbt 3	IA detect at 40 ppm, met auger refusal at 3 ft	SAA	SAA

Table K-2 (continued)

Location ID	Sample Begin and End Depth (ft)	Sample ID	Immunoassay Field-Screening Results (weathered diesel) (40 ppm)	Immunoassay Field-Screening Results (weathered diesel) (160 ppm)	PID Reading (ppm)	Alpha (cpm)	Beta/Gamma (dpm)	Location Type	Sample Matrix	Collection Rationale and Observations	Purpose	Site Description
21-11147	4.0–5.0	NS	ND	ND	3	NT	NT	BH	Tuff, Qbt 3	No surface fractures observed 4.0–5.0 ft - NS	To define subsurface extent between the PRS boundary and the DP stream channel	Approximately 50 ft north of former West Fill Station and 25 ft north of the northern PRS fence on canyon slope
21-11147	9.0–10.0	NS	ND	ND	3	NT	NT	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11147	14.0–15.0	NS	ND	ND	3	NT	NT	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11147	19.0–20.0	NS	ND	ND	3	NT	NT	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11147	24.0–25.0	NS	ND	ND	4	NT	NT	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11147	29.0–30.0	NS	D	D	4	NT	NT	BH	Tuff, Qbt 3	NS; IA detects at 40 ppm and 160 ppm	SAA	SAA
21-11147	34.0–35.0	NS	D	D	4	NT	NT	BH	Tuff, Qbt 3	NS; IA detects at 40 ppm and 160 ppm	SAA	SAA
21-11147	37.0–38.0	MD21-00-0073	D	D	3	NT	NT	BH	Tuff, Qbt 3	Iron-stained horizontal fracture, IA detects at 40 ppm and 160 ppm	SAA	SAA
21-11147	39.0–40.0	NS	D	D	3	NT	NT	BH	Tuff, Qbt 3	NS; IA detects at 40 ppm and 160 ppm	SAA	SAA
21-11147	44.0–45.0	MD21-00-0074	D	D	3	NT	NT	BH	Tuff, Qbt 3	Slightly-altered tuff, orange-brown mottling; IA detects at 40 ppm and 160 ppm	SAA	SAA
21-11147	45.0–47.5	NS	D	D	ND	NT	NT	BH	Tuff, Qbt 3	NS; slightly altered, orange-brown mottling; IA detects at 40 ppm and 160 ppm	SAA	SAA

Table K-2 (continued)

Location ID	Sample Begin and End Depth (ft)	Sample ID	Immunoassay Field-Screening Results (weathered diesel) (40 ppm)	Immunoassay Field-Screening Results (weathered diesel) (160 ppm)	PID Reading (ppm)	Alpha (cpm)	Beta/Gamma (dpm)	Location Type	Sample Matrix	Collection Rationale and Observations	Purpose	Site Description
21-11147	47.5–49.0	NS	D	D	3	NT	NT	BH	Tuff, Qbt 3	NS; orange-brown mottling; IA detects at 40 ppm and 160 ppm	SAA	SAA
21-11147	49.0–50.0	MD21-00-0088	D	D	3	NT	NT	BH	Tuff, Qbt 3	Iron stained and clay-altered tuff, weathered appearance; IA detects at 40 ppm and 160 ppm	SAA	SAA
21-11147	54.0–55.0	MD21-00-0089	D	D	1	NT	NT	BH	Tuff, Qbt 3	Iron-stained and clay-altered tuff, weathered appearance; IA detects at 40 ppm and 160 ppm	SAA	SAA
21-11147	59.7–60.3	MD21-00-0090	ND	ND	ND	NT	NT	BH	Tuff, Qbt 3	Probable fracture/iron staining	SAA	SAA
21-11147	63.0–65.0	MD21-00-0091	ND	ND	ND	NT	NT	BH	Tuff, Qbt 3	Occasional orange-brown seams	SAA	SAA
21-11147	65.0–67.5	NS	ND	ND	ND	NT	NT	BH	Tuff, Qbt 3	NS; occasional orange-brown seams	SAA	SAA
21-11147	69.0–70.0	MD21-00-0092	ND	ND	NT	NT	NT	BH	Tuff, Qbt 3	Change in lithology	SAA	SAA
21-11147	74.0–75.0	NS	ND	ND	ND	NT	NT	NS	Tuff, Qbt 3	NS; mottling; TD at 75 ft	SAA	SAA
21-11148	4.0–5.0	NS	ND	ND	ND	NT	NT	BH	Tuff, Qbt 3	At surface, location is approximately 12 ft west of inferred trace of fracture 107 4.0–5.0 ft - NS; orange-brown stringer possible fracture	To define western extent near stream channel	Approximately 55 ft southwest of western seep area, and approximately 34 ft north of northern PRS fence on canyon slope

Table K-2 (continued)

Location ID	Sample Begin and End Depth (ft)	Sample ID	Immunoassay Field-Screening Results (weathered diesel) (40 ppm)	Immunoassay Field-Screening Results (weathered diesel) (160 ppm)	PID Reading (ppm)	Alpha (cpm)	Beta/Gamma (dpm)	Location Type	Sample Matrix	Collection Rationale and Observations	Purpose	Site Description
21-11148	9.0–10.0	NS	ND	ND	ND	NT	NT	BH	Tuff, Qbt 3	NS localized stained stringers	SAA	SAA
21-11148	14.0–15.0	NS	ND	ND	ND	NT	NT	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11148	19.0–20.0	NS	ND	ND	ND	NT	NT	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11148	24.0–25.0	NS	ND	ND	ND	NT	NT	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11148	29.0–30.0	NS	ND	ND	ND	NT	NT	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11148	34.0–35.0	NS	ND	ND	ND	NT	NT	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11148	35.0–36.5	NS	ND	ND	ND	NT	NT	BH	Tuff, Qbt 3	NS; contact matrix color change	SAA	SAA
21-11148	36.5–37.5	NS	ND	ND	ND	NT	NT	BH	Tuff, Qbt 3	NS; contact matrix color change	SAA	SAA
21-11148	39.0–40.0	NS	ND	ND	ND	NT	NT	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11148	47.5–48.5	NS	D	D	2.2	NT	NT	BH	Tuff, Qbt 3	NS; matrix color change	SAA	SAA
21-11148	51.0–52.0	MD21-00-0094	D	D	3	NT	NT	BH	Tuff, Qbt 3	Weathered zone, clay rich; IA detects at 40 ppm and 160 ppm	SAA	SAA
21-11148	59.0–60.0	NS	D	ND	ND	NT	NT	BH	Tuff, Qbt 3	NS; Matrix color change, IA detect at 40 ppm	SAA	SAA
21-11148	64.0–65.0	MD21-00-0095	ND	ND	ND	NT	NT	BH	Tuff, Qbt 3	Base of hole; TD at 65 ft	SAA	SAA

Table K-2 (continued)

Location ID	Sample Begin and End Depth (ft)	Sample ID	Immunoassay Field-Screening Results (weathered diesel) (40 ppm)	Immunoassay Field-Screening Results (weathered diesel) (160 ppm)	PID Reading (ppm)	Alpha (cpm)	Beta/Gamma (dpm)	Location Type	Sample Matrix	Collection Rationale and Observations	Purpose	Site Description
21-11157	2.0–2.5	MD21-00-0118	D	D	NT	NT	NT	HA	Tuff, Qbt 3	At surface, location approximately 3 ft west of the inferred traces of fracture 45 and approximately 6 ft north of fracture 44 2.0–2.5 ft - IA detects at 40 ppm and 160 ppm	To define extent north of stream channel along the eastern edge of the western seep area	Below the apartments, approximately 15 ft north of the stream channel on a wide bank terrace
21-11157	4.0–4.7	NS	D	ND	NT	NT	NT	HA	Tuff, Qbt 3	NS; IA detect at 40 ppm	SAA	SAA
21-11157	6.0–6.5	NS	D	ND	NT	NT	NT	HA	Tuff, Qbt 3	NS; IA detect at 40 ppm	SAA	SAA
21-11157	8.0–8.5	NS	ND	ND	NT	NT	NT	HA	Tuff, Qbt 3	NS	SAA	SAA
21-11157	10.0–10.5	NS	ND	ND	NT	NT	NT	HA	Tuff, Qbt 3	NS	SAA	SAA
21-11157	12.0–12.5	NS	D	ND	NT	NT	NT	HA	Tuff, Qbt 3	NS; IA detect at 40 ppm	SAA	SAA
21-11157	14.0–14.8	MD21-00-0119	ND	ND	NT	NT	NT	HA	Tuff, Qbt 3	Base of hole; TD at 14.8 ft	SAA	SAA
21-11162	2.0–2.5	NS	ND	ND	NT	NT	NT	HA	NS	At surface, location is approximately 4 ft west of the inferred trace of fracture 43 NS	To define extent north of stream channel in central portion of Western Seep	Approximately 15 ft north of the stream channel in the central portion of the Western Seep on channel bank below the apartments
21-11162	4.0–4.5	NS	ND	ND	NT	NT	NT	HA	NS	NS	SAA	SAA
21-11162	6.0–6.5	MD21-00-0120	D	D	NT	NT	NT	HA	Tuff, Qbt 3	IA detects at 40 ppm and 160 ppm	SAA	SAA
21-11162	8.0–8.8	NS	D	ND	NT	NT	NT	HA	Tuff, Qbt 3	NS	SAA	SAA

Table K-2 (continued)

Location ID	Sample Begin and End Depth (ft)	Sample ID	Immunoassay Field-Screening Results (weathered diesel) (40 ppm)	Immunoassay Field-Screening Results (weathered diesel) (160 ppm)	PID Reading (ppm)	Alpha (cpm)	Beta/Gamma (dpm)	Location Type	Sample Matrix	Collection Rationale and Observations	Purpose	Site Description
21-11162	10.0–10.5	NS	ND	ND	NT	NT	NT	HA	Tuff, Qbt 3	NS	SAA	SAA
21-11162	12.0–12.5	NS	ND	ND	NT	NT	NT	HA	Tuff, Qbt 3	NS	SAA	SAA
21-11162	14.0–14.5	NS	ND	ND	NT	NT	NT	HA	Tuff, Qbt 3	NS	SAA	SAA
21-11162	16.0–16.5	MD21-00-0121	ND	ND	NT	NT	NT	HA	Tuff, Qbt 3	Fourth consecutive non-IA detect interval; base of hole; TD at 16.5 ft	SAA	SAA
21-11173	0.0–0.5	MD21-00-0147	D	ND	0.7	NT	NT	Surface	Sediment/ Soil	Resample at location 21-11165, submitted both intervals; Fed-Ex lost samples	To assess the former middle storm drain outfall	On canyon slope, approximately midway between the former East Fill Station and DP stream channel
21-11173	0.5–1.5	MD21-00-0148	ND	ND	2.2	NT	NT	Surface	Tuff	Resample at location 21-11165, submitted both intervals; Fed-ex lost samples	SAA	SAA
21-11229 Angled borehole Depths correspond to length along borehole	4.0–5.0	NS	D	ND	1.7	ND	ND	BH	Tuff, Qbt 3	At surface, location approximately 6 ft east of inferred trace of fracture 108 NS; IA detect at 40 ppm	Angle borehole to define vertical extent beneath stream channel; adjacent to FY00 location 21-11170	Approximately 26 ft south of the west end of the western seep area and DP stream channel
21-11229	9.0–10.0	NS	ND	ND	1.7	ND	ND	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11229	14.0–15.0	NS	D	ND	1.8	ND	ND	BH	Tuff, Qbt 3	NS; IA detect at 40 ppm	SAA	SAA

Table K-2 (continued)

Location ID	Sample Begin and End Depth (ft)	Sample ID	Immunoassay Field-Screening Results (weathered diesel) (40 ppm)	Immunoassay Field-Screening Results (weathered diesel) (160 ppm)	PID Reading (ppm)	Alpha (cpm)	Beta/Gamma (dpm)	Location Type	Sample Matrix	Collection Rationale and Observations	Purpose	Site Description
21-11229	19.0–20.0	NS	ND	ND	1.8	ND	ND	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11229	24.0–25.0	NS	ND	ND	2.0	ND	ND	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11229	31.9–32.5	NS	ND	ND	1.0	ND	ND	BH	Tuff, Qbt 3	NS, iron staining with some moist clay	SAA	SAA
21-11229	34.0–35.0	NS	ND	ND	1.0	ND	ND	BH	Tuff, Qbt 3	NS; iron-stained pumice	SAA	SAA
21-11229	38.4–39.3 Screening results from 39.0–40.0 ft	MD21-01-0098	D	ND	1.0	ND	ND	BH	Tuff, Qbt 3	Faint sweet solvent odor, minor moist iron staining, IA detect at 40 ppm	SAA	SAA
21-11229	44.0–45.0	NS	D	ND	0.6	ND	ND	BH	Tuff, Qbt 3	NS; localized iron staining	SAA	SAA
21-11229	49.0–50.0	NS	ND	ND	0.8	ND	ND	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11229	54.0–55.0	NS	ND	ND	1.7	ND	ND	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11229	59.0–60.0	NS	ND	ND	2.5	ND	ND	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11229	64.0–65.0	NS	ND	ND	2.2	ND	ND	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11229	69.0–70.0	MD21-01-0093	ND	ND	2.0	ND	ND	BH	Tuff, Qbt 3	Sample adjacent to FY00 location	SAA	SAA
21-11229	74.0–75.0	NS	ND	ND	1.5	ND	ND	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11229	79.0–80.0	NS	ND	ND	1.0	ND	ND	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11229	80.6–81.2	MD21-01-0094	ND	ND	1.0	ND	ND	BH	Tuff, Qbt 3	Iron staining 25° to core	SAA	SAA
21-11229	82.5–85.0	NS	ND	ND	1.0	ND	ND	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11229	89.0–90.0	NS	ND	ND	1.0	ND	ND	BH	Tuff, Qbt 2	NS; Qbt 2 contact at 85.3 ft	SAA	SAA
21-11229	91.5–92.5	MD21-01-0095	ND	ND	1.2	ND	ND	BH	Tuff, Qbt 2	Near TD; TD at 95 ft	SAA	SAA

Table K-2 (continued)

Location ID	Sample Begin and End Depth (ft)	Sample ID	Immunoassay Field-Screening Results (weathered diesel) (40 ppm)	Immunoassay Field-Screening Results (weathered diesel) (160 ppm)	PID Reading (ppm)	Alpha (cpm)	Beta/Gamma (dpm)	Location Type	Sample Matrix	Collection Rationale and Observations	Purpose	Site Description
21-11230 Angled borehole Depths correspond to length along borehole	4.0–5.0	NS	ND	ND	0.8	ND	ND	BH	Tuff, Qbt 3	At surface, location is approximately 4 ft west of the inferred trace of fracture 107 and 6 ft northeast of the inferred trace of fracture 40 4.0–5.0 ft - NS; clay rich, weathered, moist	To define extent beneath the stream channel at depth and at Qbt 3/Qbt 2 contact; adjacent to FY00 location 21-11171	Approximately 25 ft southwest of western edge of western seep area and DP stream channel
21-11230	9.0–10.0	NS	ND	ND	0.8	ND	ND	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11230	14.0–15.0	NS	ND	ND	0.8	ND	ND	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11230	19.0–20.0	NS	ND	ND	0.8	ND	ND	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11230	24.0–25.0	NS	ND	ND	1.0	ND	ND	BH	Tuff, Qbt 3	NS; clay rich zones	SAA	SAA
21-11230	29.0–30.0	NS	ND	ND	1.2	ND	ND	BH	Tuff, Qbt 3	NS; clay-altered pumice	SAA	SAA
21-11230	34.0–35.0	NS	ND	ND	1.2	ND	ND	BH	Tuff, Qbt 3	NS; clay-altered pumice	SAA	SAA
21-11230	39.0–39.5	MD21-01-0096	ND	ND	1.2	ND	ND	BH	Tuff, Qbt 3	Sample adjacent to FY00 location	SAA	SAA
21-11230	39.5–40.0	NS	ND	ND	1.2	ND	ND	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11230	44.0–45.0	NS	ND	ND	1.5	ND	ND	BH	Tuff, Qbt 3	NS; clay-altered pumice	SAA	SAA
21-11230	49.0–50.0	NS	ND	ND	1.6	ND	ND	BH	Tuff, Qbt 3	NS; clay-altered pumice	SAA	SAA
21-11230	54.3–55.0	MD21-01-0097	ND	ND	1.5	ND	ND	BH	Tuff, Qbt 3	Iron staining, sweet odor, moist	SAA	SAA
21-11230	59.0–60.0	NS	ND	ND	2.0	ND	ND	BH	Tuff, Qbt 3	NS; clay-rich, clay-altered	SAA	SAA
21-11230	64.0–65.0	NS	ND	ND	1.1	ND	ND	BH	Tuff, Qbt 3	NS; clay-rich, clay-altered	SAA	SAA
21-11230	69.0–70.0	NS	ND	ND	1.1	ND	ND	BH	Tuff, Qbt 3	NS; clay-rich, clay-altered	SAA	SAA

Table K-2 (continued)

Location ID	Sample Begin and End Depth (ft)	Sample ID	Immunoassay Field-Screening Results (weathered diesel) (40 ppm)	Immunoassay Field-Screening Results (weathered diesel) (160 ppm)	PID Reading (ppm)	Alpha (cpm)	Beta/Gamma (dpm)	Location Type	Sample Matrix	Collection Rationale and Observations	Purpose	Site Description
21-11230	74.0–75.0	NS	ND	ND	1.0	ND	ND	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11230	79.0–80.0	NS	ND	ND	0.8	ND	ND	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11230	84.0–85.0	NS	ND	ND	0.8	ND	ND	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11230	89.0–90.0	MD21-01-0101	D	ND	1.4	ND	ND	BH	Tuff, Qbt 3	IA detect at 40 ppm	SAA	SAA
21-11230	94.0–95.0	NS	ND	ND	1.0	ND	ND	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11230	99.0–100.0	NS	ND	ND	0.9	ND	ND	BH	Tuff, Qbt 3	NS; localized iron staining after clay-altered pumice	SAA	SAA
21-11230	104.2–105.0	MD21-01-0099	ND	ND	0.9	ND	ND	BH	Tuff, Qbt 2	Qbt 2 contact at 104.2 ft; TD at 105 ft	SAA	SAA
21-11231 Angled borehole Depths correspond to length along borehole	4.0–5.0	NS	ND	ND	1.2	0	492	BH	Tuff, Qbt 3	At surface, location is approximately 4 ft east of inferred trace of fracture 108 4.0–5.0 ft- NS; weathered	To collect supplemental samples of fractures and odors observed in adjacent location 21-11229; adjacent to FY00 location 21-11170	Approximately 26 ft south of the west end of the western seep area and DP stream channel
21-11231	5.8–6.0	MD21-01-0102	ND	ND	1.3	0	407	BH	Tuff, Qbt 3	Fracture at 60° to core axis	SAA	SAA
21-11231	9.0–10.0	NS	ND	ND	1.3	0	472	BH	Tuff, Qbt 3	NS; minor roots	SAA	SAA
21-11231	14.0–15.0	NS	ND	ND	1.3	0	472	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11231	19.0–20.0	NS	ND	ND	1.3	0	508	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11231	24.0–25.0	MD21-01-0103	D	D	1.4	0	508	BH	Tuff, Qbt 3	IA detects at 40 ppm and 160 ppm	SAA	SAA
21-11231	29.0–30.0	MD21-01-0104	D	ND	1.5	0	481	BH	Tuff, Qbt 3	IA detect at 40 ppm	SAA	SAA

Table K-2 (continued)

Location ID	Sample Begin and End Depth (ft)	Sample ID	Immunoassay Field-Screening Results (weathered diesel) (40 ppm)	Immunoassay Field-Screening Results (weathered diesel) (160 ppm)	PID Reading (ppm)	Alpha (cpm)	Beta/Gamma (dpm)	Location Type	Sample Matrix	Collection Rationale and Observations	Purpose	Site Description
21-11231	32.0–32.5	MD21-01-0100	D	D	1.3	0	477	BH	Tuff, Qbt 3	Significant iron mottling and staining, IA detects at 40 ppm and 160 ppm	SAA	SAA
21-11231	34.0–35.0	MD21-01-0105	D	ND	1.4	0	468	BH	Tuff, Qbt 3	IA detect at 40 ppm; clay-altered	SAA	SAA
21-11231	38.8–39.8	MD21-01-0106	D	ND	1.4	0	455	BH	Tuff, Qbt 3	Fracture, IA detect at 40 ppm	SAA	SAA
21-11231	44.0–45.0	NS	ND	ND	1.6	0	403	BH	Tuff, Qbt 3	NS; faint sweet odor, fracture	SAA	SAA
21-11231	45.0–45.5	MD21-01-0107	ND	ND	1.6	0	533	BH	Tuff, Qbt 3	Faint sweet odor, fracture	SAA	SAA
21-11231	49.0–50.0	NS	ND	ND	1.6	0	403	BH	Tuff, Qbt 3	NS; TD at 52.5 ft	SAA	SAA
21-11233	0.0–0.1	MD21-01-0080	ND	ND	1.0	0	276	Surface	Channel sediment	FY00 location, background sediment	To assess upgradient sources on DP stream channel; adjacent to FY00 location 21-11139	Approximately 130 ft west of western seep area
21-11234	0.0–0.1	MD21-01-0081	ND	ND	1.0	0	366	Surface	Outfall sediment	Resample of FY00 location	To assess westernmost mesa-top storm drain; adjacent to FY00 location 21-11164	On canyon slope approximately 46 ft north of the northern PRS fence approximately 6 ft north of storm drain outlet

Table K-2 (continued)

Location ID	Sample Begin and End Depth (ft)	Sample ID	Immunoassay Field-Screening Results (weathered diesel) (40 ppm)	Immunoassay Field-Screening Results (weathered diesel) (160 ppm)	PID Reading (ppm)	Alpha (cpm)	Beta/Gamma (dpm)	Location Type	Sample Matrix	Collection Rationale and Observations	Purpose	Site Description
21-11235	0.0–0.1	MD21-01-0082	D	ND	1.0	0	424	Surface	Outfall sediment	IA detect at 40 ppm, downgradient of west storm drain outfall	To assess westernmost mesa-top storm drain	On canyon slope midway between storm drain outlet and the western seep area; approximately 10 ft north of the storm drain outlet
21-11236	0.0–0.1	MD21-01-0087	ND	ND	1.1	-0	341	Surface	Outfall sediment	Downgradient of middle storm drain outlet	To assess middle storm drain outlet	On canyon slope, north of former East Fill Station; approximately 8 ft south of stream channel
21-11237	0.0–0.1	MD21-01-0083	D	ND	1.1	0	333	Surface	Outfall sediment	IA detect at 40 ppm, easternmost storm drain (gate valve)	To assess the easternmost storm drain outfall (gate valve)	Adjacent to the northern PRS fence; in drainage extending from the northeastern portion of the PRS
21-11237	0.0–0.1	MD21-01-0084	D	D	NT	0	333	Surface	Outfall sediment	Duplicate sample	SAA	SAA
21-11238	0.0–0.1	MD21-01-0085	ND	ND	1.1	0	362	Surface	Outfall sediment	Downgradient of easternmost storm drain	To assess the easternmost storm drain outfall (gate valve)	Approximately 20 ft northeast of the northern PRS fence; in drainage extending from the northeastern portion of the PRS

Table K-2 (continued)

Location ID	Sample Begin and End Depth (ft)	Sample ID	Immunoassay Field-Screening Results (weathered diesel) (40 ppm)	Immunoassay Field-Screening Results (weathered diesel) (160 ppm)	PID Reading (ppm)	Alpha (cpm)	Beta/Gamma (dpm)	Location Type	Sample Matrix	Collection Rationale and Observations	Purpose	Site Description
21-11239	0.0–0.1	MD21-01-0086	D	ND	1.1	0	313	Surface	Outfall sediment	IA detect at 40 ppm, downgradient of easternmost storm drain	To assess easternmost storm drain outfall (gate valve)	Approximately 40 ft northeast of the northern PRS fence on steep canyon slope; in drainage path extending from the northeastern portion of the PRS
21-11241	4.0–5.0	NS	ND	ND	0.8	0	424	BH	Tuff, Qbt 3	At surface, location is approximately 12 ft east of inferred trace of fracture 49 4.0–5.0 ft - NS; faint iron mottling	To define extent on eastern side of inferred fracture related to the western seep area; adjacent to FY00 location 21-11144	Approximately 100 ft northeast of the former West Fill Station and 10 ft north of the northern PRS fence
21-11241	9.0–10.0	NS	ND	ND	0.8	0	424	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11241	14.0–15.0	NS	ND	ND	0.8	0	489	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11241	19.0–20.0	NS	ND	ND	0.8	0	489	BH	Tuff, Qbt 3	NS; trace iron staining	SAA	SAA
21-11241	24.0–25.0	NS	ND	ND	0.8	0	553	BH	Tuff, Qbt 3	NS; trace iron staining	SAA	SAA
21-11241	27.5–28.0	NS	ND	ND	0.8	0	553	BH	Tuff, Qbt 3	NS; fracture, iron staining	SAA	SAA
21-11241	29.0–30.0	NS	ND	ND	0.8	0	553	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11241	34.0–35.0	NS	ND	ND	0.8	0	489	BH	Tuff, Qbt 3	NS; iron staining	SAA	SAA
21-11241	39.0–40.0	MD21-01-0117	D	ND	0.8	0	489	BH	Tuff, Qbt 3	High-angle fracture, iron staining, IA detect at 40 ppm	SAA	SAA
21-11241	44.0–45.0	NS	ND	ND	0.8	0	465	BH	Tuff, Qbt 3	NS	SAA	SAA

Table K-2 (continued)

Location ID	Sample Begin and End Depth (ft)	Sample ID	Immunoassay Field-Screening Results (weathered diesel) (40 ppm)	Immunoassay Field-Screening Results (weathered diesel) (160 ppm)	PID Reading (ppm)	Alpha (cpm)	Beta/Gamma (dpm)	Location Type	Sample Matrix	Collection Rationale and Observations	Purpose	Site Description
21-11241	49.0–50.0	MD21-01-0116	ND	ND	0.8	0	465	BH	Tuff, Qbt 3	Fracture, iron staining	SAA	SAA
21-11241	54.0–55.0	NS	ND	ND	0.8	0	568	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11241	59.0–60.0	NS	ND	ND	0.8	0	568	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11241	64.0–65.0	NS	ND	ND	0.8	0	551	BH	Tuff, Qbt 3	NS; iron staining	SAA	SAA
21-11241	69.0–70.0	NS	ND	ND	0.8	0	551	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11241	74.0–75.0	NS	ND	ND	0.8	0	510	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11241	79.0–80.0	NS	ND	ND	0.8	0	510	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11241	84.0–85.0	NS	ND	ND	0.8	0	535	BH	Tuff, Qbt 3	NS; iron staining	SAA	SAA
21-11241	85.0–86.0	MD21-01-0115	ND	ND	0.8	0	535	BH	Tuff, Qbt 3	Qbt 2 contact at 86 ft; TD at 87.5 ft	SAA	SAA
21-11242	4.0–5.0	NS	ND	ND	0.8	0	563	BH	Tuff, Qbt 3	At surface, location is approximately 6 ft west of the inferred trace of fracture 49 and approximately 5 ft east of the inferred trace of fracture 45 4.0–5.0 ft - NS, minor iron staining	To define extent along the north-central edge of the PRS and potential of fracture 49; adjacent to FY00 location 21-11145	Approximately 5 ft north of northern PRS fence and 80 ft northeast of the former West Fill Station
21-11242	9.0–10.0	NS	ND	ND	0.8	0	563	BH	Tuff, Qbt 3	NS; minor iron staining	SAA	SAA
21-11242	14.0–15.0	NS	ND	ND	0.8	0	444	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11242	19.0–20.0	NS	ND	ND	0.8	0	444	BH	Tuff, Qbt 3	NS; iron-stained pumice	SAA	SAA
21-11242	24.0–25.0	NS	ND	ND	0.8	0	617	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11242	29.0–30.0	NS	ND	ND	0.8	0	617	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11242	34.0–35.0	NS	ND	ND	0.8	0	514	BH	Tuff, Qbt 3	NS	SAA	SAA

Table K-2 (continued)

Location ID	Sample Begin and End Depth (ft)	Sample ID	Immunoassay Field-Screening Results (weathered diesel) (40 ppm)	Immunoassay Field-Screening Results (weathered diesel) (160 ppm)	PID Reading (ppm)	Alpha (cpm)	Beta/Gamma (dpm)	Location Type	Sample Matrix	Collection Rationale and Observations	Purpose	Site Description
21-11242	39.0–40.0	NS	ND	ND	0.8	0	514	BH	Tuff, Qbt 3	NS; iron staining	SAA	SAA
21-11242	41.3–41.8	NS	ND	ND	0.8	0	535	BH	Tuff, Qbt 3	NS; fracture, iron staining	SAA	SAA
21-11242	44.0–45.0	NS	ND	ND	0.8	0	535	BH	Tuff, Qbt 3	NS; iron staining	SAA	SAA
21-11242	49.0–50.0	MD21-01-0118	D	ND	0.8	0	535	BH	Tuff, Qbt 3	Fracture, iron stained, IA detect at 40 ppm	SAA	SAA
21-11242	54.0–55.0	NS	ND	ND	0.8	0	568	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11242	59.0–60.0	MD21-01-0119	D	D	0.8	0	568	BH	Tuff, Qbt 3	IA detects at 40 ppm and 160 ppm	SAA	SAA
21-11242	64.0–65.0	NS	ND	ND	0.8	0	617	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11242	69.0–70.0	NS	ND	ND	0.8	0	617	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11242	74.0–75.0	MD21-01-0120	D	ND	0.8	0	473	BH	Tuff, Qbt 3	IA detect at 40 ppm	SAA	SAA
21-11242	79.0–80.0	MD21-01-0121	D	D	0.8	0	473	BH	Tuff, Qbt 3	IA detects at 40 ppm and 160 ppm	SAA	SAA
21-11242	84.5–84.9	NS	ND	ND	0.8	0	572	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11242	89.0–90.0	NS	ND	ND	0.8	0	461	BH	Tuff, Qbt 2	NS; Qbt 2 contact at 89 ft	SAA	SAA
21-11242	94.0–94.5	MD21-01-0122	ND	ND	0.8	0	461	BH	Tuff, Qbt 2	TD at 94.5 ft	SAA	SAA
21-11243	2.5–3.2	NS	ND	ND	0.8	0	358	BH	Tuff, Qbt 3	At surface, location is approximately 12 ft east of inferred trace of fracture 43 and 20 ft west of inferred trace of fracture 45 2.5–3.2 ft - NS; iron staining	To define extent along north-central edge of PRS, west of inferred trace of fracture; adjacent to FY00 location 21-11146	On canyon slope, approximately 20 ft north of northern PRS fence and 65 ft northeast of former West Fill Station
21-11243	4.0–5.0	NS	ND	ND	0.8	0	358	BH	Tuff, Qbt 3	NS	SAA	SAA

Table K-2 (continued)

Location ID	Sample Begin and End Depth (ft)	Sample ID	Immunoassay Field-Screening Results (weathered diesel) (40 ppm)	Immunoassay Field-Screening Results (weathered diesel) (160 ppm)	PID Reading (ppm)	Alpha (cpm)	Beta/Gamma (dpm)	Location Type	Sample Matrix	Collection Rationale and Observations	Purpose	Site Description
21-11243	9.0–10.0	NS	ND	ND	0.8	0	370	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11243	14.0–15.0	NS	ND	ND	0.8	0	382	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11243	19.0–20.0	NS	ND	ND	0.8	0	398	BH	Tuff, Qbt 3	NS, intermittent iron staining	SAA	SAA
21-11243	24.0–25.0	NS	ND	ND	1.0	0	401	BH	Tuff, Qbt 3	NS, significant iron staining	SAA	SAA
21-11243	29.0–30.0	NS	ND	ND	1.1	0	399	BH	Tuff, Qbt 3	NS, manganese oxide staining	SAA	SAA
21-11243	34.0–35.0	NS	ND	ND	1.1	0	398	BH	Tuff, Qbt 3	NS, intermittent iron staining	SAA	SAA
21-11243	39.0–40.0	MD21-01-0125	D	ND	1.1	0	410	BH	Tuff, Qbt 3	IA detect at 40 ppm	SAA	SAA
21-11243	44.0–45.0	MD21-01-0124	ND	ND	1.1	0	415	BH	Tuff, Qbt 3	Iron staining	SAA	SAA
21-11243	49.0–50.0	NS	ND	ND	1.1	0	400	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11243	54.0–55.0	NS	ND	ND	1.1	0	392	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11243	59.0–60.0	NS	ND	ND	1.1	0	403	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11243	64.0–65.0	NS	ND	ND	1.1	0	404	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11243	69.0–70.0	NS	ND	ND	1.1	0	396	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11243	74.0–75.0	NS	ND	ND	1.2	0	412	BH	Tuff, Qbt 3	NS	SAA	SAA
21-11243	79.0–80.0	NS	ND	ND	1.2	0	391	BH	Tuff, Qbt 3	NS; manganese oxide staining	SAA	SAA
21-11243	84.0–85.0	MD21-01-0123	ND	ND	1.2	0	394	BH	Tuff, Qbt 3/ Qbt 2	Qbt 2 contact at 84.7 ft, TD at 85 ft	SAA	SAA

Table K-2 (continued)

Location ID	Sample Begin and End Depth (ft)	Sample ID	Immunoassay Field-Screening Results (weathered diesel) (40 ppm)	Immunoassay Field-Screening Results (weathered diesel) (160 ppm)	PID Reading (ppm)	Alpha (cpm)	Beta/Gamma (dpm)	Location Type	Sample Matrix	Collection Rationale and Observations	Purpose	Site Description
21-11248	0.0–0.5	MD21-01-0142	D	D	8.0	0	461	HA	Channel sediment	At surface, location is approximately 4 ft west of inferred trace of fracture 42 0.0–0.5 ft - odor, sheen, IA detects at 40 and 160 ppm	To define vertical extent in stream channel in western seep area, and provide TPH fingerprint; adjacent to FY00 location 21-11132 and FY01 location 21-11265	In stream channel at approximate midpoint of western seep area
21-11249	1.5–2.0	MD21-01-0143	D	D	4.1	0	481	HA	Clayey sandy silt	At surface, location is approximately 14 ft southwest of fracture 42 1.5–2.0 ft - IA detects at 40 ppm and 160 ppm	To define extent on southern bank of channel in central portion of western seep area; adjacent to FY00 location 21-11134	On stream bank approximately 10 ft south of stream channel at approximate midpoint of western seep area
21-11249	3.5–4.0	MD21-01-0144	D	ND	0.9	0	415	HA	Tuff, Qbt 3	IA detect at 40 ppm	SAA	SAA
21-11249	5.5–6.0	MD21-01-0145	ND	ND	0.9	0	477	HA	Tuff, Qbt 3	TD at 6.0 ft	SAA	SAA
21-11249	5.5–6.0	MD21-01-0146	ND	ND	0.9	0	477	HA	Tuff, Qbt 3	Duplicate sample	SAA	SAA
21-11250	1.5–2.0	MD21-01-0147	ND	ND	0.8	0	391	HA	Tuff, Qbt 3	At surface, adjacent to inferred traces of fractures 42, 43, and 44 1.5–2.0 - Possible fracture, staining	To define extent along southern bank of Western Seep; adjacent to FY00 location 21-11137	Approximately 10 ft south of stream channel towards eastern edge of Western Seep
21-11250	3.5–4.0	MD21-01-0148	ND	ND	0.8	0	465	HA	Tuff, Qbt 3	TD at 4.0 ft	SAA	SAA

Table K-2 (continued)

Location ID	Sample Begin and End Depth (ft)	Sample ID	Immunoassay Field-Screening Results (weathered diesel) (40 ppm)	Immunoassay Field-Screening Results (weathered diesel) (160 ppm)	PID Reading (ppm)	Alpha (cpm)	Beta/Gamma (dpm)	Location Type	Sample Matrix	Collection Rationale and Observations	Purpose	Site Description
21-11251	1.5–2.0	MD21-01-0149	D	ND	1.0	0	457	HA	Silty sand	At surface, approximately 20 ft east of fractures 107 and 108, and approximately 6 ft south of inferred trace of fracture 106 1.5–2.0 ft - IA detect at 40 ppm	To define extent along the western end of the western seep area; adjacent to FY00 location 21-11138 and FY01 location 21-11263	On southern bank, approximately 10 ft south of stream channel
21-11251	3.0–3.5	MD21-01-0150	D	D	50.0	0	436	HA	Silty clay	Diesel odor, IA detects at 40 ppm and 160 ppm	SAA	SAA
21-11251	3.0–3.5	MD21-01-0151	D	D	50.0	0	436	HA	Silty clay	Duplicate sample	SAA	SAA
21-11252	1.5–2.0	MD21-01-0152	D	ND	2.0	0	481	HA	Tuff, Qbt 3	At surface, location is approximately 3 ft east of inferred trace of fracture 49 1.5–2.0 ft - IA detect at 40 ppm	To define extent north of stream channel along the eastern edge of the western seep area; adjacent to FY00 location 21-11163	On stream bank approximately 18 ft north of the channel at the eastern edge of the western seep area
21-11252	3.5–4.0	NS	ND	ND	1.0	0	514	HA	Tuff, Qbt 3	NS	SAA	SAA
21-11252	5.5–6.0	MD21-01-0153	ND	ND	1.0	0	432	HA	Tuff, Qbt 3	TD at 6.0 ft	SAA	SAA
21-11262	0.0–0.4	MD21-01-0186	D	D	0.4	0	288	HA	Tuff, Qbt 3	At surface, location is approximately 4 ft west of fracture 45 0.0–0.4 ft - odor, moist, IA detects at 40 ppm and 160 ppm	To define eastern extent in stream channel, on west side of fracture 45; adjacent to FY00 location 21-11135	In stream channel on eastern edge of western seep area

Table K-2 (continued)

Location ID	Sample Begin and End Depth (ft)	Sample ID	Immunoassay Field-Screening Results (weathered diesel) (40 ppm)	Immunoassay Field-Screening Results (weathered diesel) (160 ppm)	PID Reading (ppm)	Alpha (cpm)	Beta/Gamma (dpm)	Location Type	Sample Matrix	Collection Rationale and Observations	Purpose	Site Description
21-11262	0.5–1.2	MD21-01-0187	D	D	6.0	0	407	HA	Tuff, Qbt 3	Odor, saturated stringer, IA detects at 40 ppm and 160 ppm	SAA	SAA
21-11262	0.5–1.2	MD21-01-0188	D	D	11.0	0	494	HA	Tuff, Qbt 3	Duplicate sample	SAA	SAA
21-11262	6.7–7.3	MD21-01-0189	D	D	0.2	0	457	HA	Tuff, Qbt 3	IA detects at 40 ppm and 160 ppm	SAA	SAA
21-11262	8.5–9.0	MD21-01-0190	ND	ND	0.2	0	498	HA	Tuff, Qbt 3	TD at 9.0 ft	SAA	SAA
21-11263	1.5–2.0	MD21-01-0193	D	D	0.2	0	391	HA	Sandy silt	At surface, location is approximately 17 ft east of fractures 107 and 108, and approximately 5 ft south of inferred trace of fracture 106 IA detects at 40 ppm and 160 ppm	To define western extent of western seep area; adjacent to FY00 location 21-11138 and FY01 location 21-11251	Approximately 10 ft south of stream channel on low bank at western edge of western seep area
21-11263	2.5–3.0	MD21-01-0194	D	D	36	0	354	HA	Tuff, Qbt 3	Diesel odor, moist, clay-altered, IA detects at 40 ppm and 160 ppm	SAA	SAA
21-11263	2.5–3.0	MD21-01-0195	D	D	32	0	350	HA	Tuff, Qbt 3	Duplicate sample	SAA	SAA
21-11263	4.5–5.0	MD21-01-0196	D	D	100	0	337	HA	Tuff, Qbt 3	Strong diesel odor, IA detects at 40 ppm and 160 ppm	SAA	SAA
21-11263	5.9–6.3	MD21-01-0197	D	D	45.0	0	366	HA	Tuff, Qbt 3	Diesel (and possibly gasoline) odor, staining, IA detects at 40 ppm and 160 ppm	SAA	SAA

Table K-2 (continued)

Location ID	Sample Begin and End Depth (ft)	Sample ID	Immunoassay Field-Screening Results (weathered diesel) (40 ppm)	Immunoassay Field-Screening Results (weathered diesel) (160 ppm)	PID Reading (ppm)	Alpha (cpm)	Beta/Gamma (dpm)	Location Type	Sample Matrix	Collection Rationale and Observations	Purpose	Site Description
21-11263	9.6–10.3	MD21-01-0198	D	D	22.0	0	465	HA	Tuff, Qbt 3	Odor (possibly gasoline), IA detects at 40 ppm and 160 ppm	SAA	SAA
21-11263	11.5–12.0	MD21-01-0199	D	D	11.0	0	415	HA	Tuff, Qbt 3	Odor, damp, IA detects at 40 ppm and 160 ppm	SAA	SAA
21-11263	12.5–13.0	MD21-01-0200	D	D	2.0	0	440	HA	Tuff, Qbt 3	Odor, damp, fracture, IA detects at 40 ppm and 160 ppm	SAA	SAA
21-11263	15.6–16.2	MD21-01-0201	D	D	1.0	0	313	HA	Tuff, Qbt 3	Odor, damp, fracture (likely continuation of fracture at 12.5 ft), IA detects at 40 ppm and 160 ppm	SAA	SAA
21-11263	17.0–18.0	MD21-01-0202	D	ND	0.8	0	411	HA	Tuff, Qbt 3	Altered, damp, IA detect at 40 ppm	SAA	SAA
21-11263	18.5–19.2	MD21-01-0203	D	D	2.0	0	473	HA	Tuff, Qbt 3	IA detects at 40 ppm and 160 ppm	SAA	SAA
21-11263	19.9–20.6	MD21-01-0204	ND	ND	0.2	0	370	HA	Tuff, Qbt 3	TD at 20.6 ft	SAA	SAA
21-11264	0.0–0.3	MD21-01-0191	ND	ND	1.0	0	452	HA	Tuff, Qbt 3	At surface, location is approximately 3 ft east of fracture 45 and immediately north of fracture 48 0.0–0.3 ft - Altered, damp; Because no IA detects, fractures, visual or olfactory indicators observed in hole, the top and bottom intervals were selected for laboratory analysis	To define eastern extent in stream channel, on west side of fracture 45; adjacent to FY00 location 21-11136	In stream channel on eastern edge of western seep area

Table K-2 (continued)

Location ID	Sample Begin and End Depth (ft)	Sample ID	Immunoassay Field-Screening Results (weathered diesel) (40 ppm)	Immunoassay Field-Screening Results (weathered diesel) (160 ppm)	PID Reading (ppm)	Alpha (cpm)	Beta/Gamma (dpm)	Location Type	Sample Matrix	Collection Rationale and Observations	Purpose	Site Description
21-11264	2.0–2.5	NS	ND	ND	1.0	0	457	HA	Tuff, Qbt 3	NS	SAA	SAA
21-11264	4.0–4.3	NS	ND	ND	2.0	0	341	HA	Tuff, Qbt 3	NS	SAA	SAA
21-11264	6.0–7.0	MD21-01-0192	ND	ND	2.8	0	411	HA	Tuff, Qbt 3	TD at 7.0 ft; Because no IA detects, fractures, visual or olfactory indicators observed in hole, top and bottom intervals were selected for laboratory analysis	SAA	SAA
21-11265	1.3 – 1.8	MD21-01-0205	D	D	30.0	0	395	HA	Sandy Silt	At surface, location approximately 6 ft west of inferred trace of fracture 42 1.3–1.8 ft - odor, wet, IA detects at 40 ppm and 160 ppm	To define extent at stream channel in the central portion of the western seep area; adjacent to FY00 location 21-11132 and FY01 location 21-11248	On channel bank immediately south of the stream channel in the central portion of the western seep area
21-11265	3.0 – 3.3	MD21-01-0206	D	D	5.8	0	415	HA	Tuff, Qbt 3	Odor, moist, IA detects at 40 ppm and 160 ppm	SAA	SAA
21-11265	6.3 – 6.8	MD21-01-0207	ND	ND	1.4	0	531	HA	Tuff, Qbt 3	TD at 6.8 ft	SAA	SAA
21-11266	4.5 – 5.0	MD21-01-0208	D	D	14.0	0	399	HA	Silty Sand	At surface, location is approximately 16 ft west of inferred trace of fracture 42 4.5–5.0 ft - odor, dry to damp, IA detects at 40 ppm and 160 ppm	To define extent along stream channel in central portion of western seep area; adjacent to FY00 location 21-11133	On channel bank immediately south of the stream channel in the central portion of the western seep area
21-11266	6.0 - 7.0	MD21-01-0209	ND	ND	2.8	0	469	HA	Tuff, Qbt 3	Change in lithology	SAA	SAA

Table K-2 (continued)

Location ID	Sample Begin and End Depth (ft)	Sample ID	Immunoassay Field-Screening Results (weathered diesel) (40 ppm)	Immunoassay Field-Screening Results (weathered diesel) (160 ppm)	PID Reading (ppm)	Alpha (cpm)	Beta/Gamma (dpm)	Location Type	Sample Matrix	Collection Rationale and Observations	Purpose	Site Description
21-11266	6.0 -7.0	MD21-01-0210	ND	ND	2.9	0	382	HA	Tuff, Qbt 3	Duplicate sample	SAA	SAA
21-11266	8.0 –8.8	MD21-01-0211	ND	ND	1.8	0	469	HA	Tuff, Qbt 3	TD at 8.8 ft	SAA	SAA
21-11267	0.0–0.4	MD21-01-0212	ND	ND	0.8	0	424	HA	Tuff, Qbt 3	At surface, location is approximately 10 ft east of fracture 38 0.0–0.4 ft - Because no IA detects, fractures, visual or olfactory indicators observed in hole, top and bottom intervals were selected for laboratory analysis	To define western extent of western seep area; adjacent to FY00 location 21-11169	In stream channel, approximately 60 ft west of western seep area
21-11267	1.5–2.0	NS	ND	ND	0.6	0	415	HA	Tuff, Qbt 3	NS	SAA	SAA
21-11267	3.5–4.0	MD21-01-0213	ND	ND	1.2	0	440	HA	Tuff, Qbt 3	TD at 4.0 ft; Because no IA detects, fractures, visual or olfactory indicators observed in hole, top and bottom intervals were selected for laboratory analysis	SAA	SAA

Table K-3
Field-Screening Results for the Eastern Seep Investigation Area

Location ID	Sample Begin and End Depth (ft)	Sample ID	Immunoassay Field Screening Results (weathered diesel) (40 ppm)	Immunoassay Field Screening Results (weathered diesel) (160 ppm)	PID Reading (ppm)	Alpha (dpm)	Beta/Gamma (dpm)	Location Type	Sample Matrix	Collection Rationale and Observations	Purpose	Site Description
21-11123	0.0–0.5	MD21-00-0038	NT	NT	ND	NT	NT	Surface	Channel sediment	Location is approximately 10 ft east of fracture 94 Additional sample for VOCs (previous sample sieved)	To supplement data collected for subreach DP-1 in the DP Canyon reach report	In the stream channel near the central portion of the eastern seep area
21-11123	0.0–0.5	MD21-00-0076	ND	ND	ND	NT	NT	Surface	Channel sediment	Single sediment sample	SAA	SAA
21-11161	0.0–0.5	MD21-00-0087	D	D	ND	NT	NT	Surface	Channel sediment	Location is immediately west of fractures 104 and 105 Hydrocarbon fingerprint sample; IA detects at 40 ppm and 160 ppm	To fingerprint type of petroleum hydrocarbon present at eastern seep area	In the stream channel near the eastern end of the eastern seep area
21-11181	1.0–2.0	NS	D	ND	NT	NT	NT	HA	Silty Loam	At surface location, approximately 6 ft east of fracture trace 104 1.0–2.0 ft - NS	To define extent along the northeastern edge of the eastern seep area	On northern bank, approximately 4 ft north of the stream channel
21-11181	3.0–4.0	NS	ND	ND	NT	NT	NT	HA	Silty Sand	NS	SAA	SAA
21-11181	5.0–6.0	MD21-00-0165	D	D	NT	NT	NT	HA	Silty Sand	Hydrocarbon odors, IA detects at 40 ppm and 160 ppm	SAA	SAA
21-11181	11.5–12.5	NS	ND	ND	NT	NT	NT	HA	Tuff, Qbt 3	NS	SAA	SAA
21-11181	14.5–15.0	MD21-00-0166	ND	ND	NT	NT	NT	HA	Tuff,Qbt 3	Second consecutive interval with no IA detects; TD at 15.0 ft	SAA	SAA

Table K-3 (continued)

Location ID	Sample Begin and End Depth (ft)	Sample ID	Immunoassay Field Screening Results (weathered diesel) (40 ppm)	Immunoassay Field Screening Results (weathered diesel) (160 ppm)	PID Reading (ppm)	Alpha (dpm)	Beta/Gamma (dpm)	Location Type	Sample Matrix	Collection Rationale and Observations	Purpose	Site Description
21-11246	0.0–0.5	MD21-01-0074	ND	ND	0.2	0	473	Surface	Channel sediment	Location is situated near the approximate trace of fracture 93 Resample of FY00 location	To supplement data collected for subreach DP-1 in the DP Canyon reach report; adjacent to FY00 location 21-11124	At western end of eastern seep area in area of channel widening and pools
21-11246	0.0–0.5	MD21-01-0075	ND	ND	0.2	0	473	Surface	Channel sediment	Duplicate sample	SAA	SAA
21-11253	1.5–2.0	NS	ND	ND	0.1	0	391	HA	Sandy Silt	At surface, location is approximately 18 ft west of the inferred trace of fracture 93 NS	To define extent on southern bank at the western end of the eastern seep area; adjacent to FY00 location 21-11186	On southern bank approximately 10 ft from the main stream channel, immediately above stream pool
21-11253	3.5–4.0	NS	ND	ND	0.1	0	424	HA	Tuff, Qbt 3	NS	SAA	SAA
21-11253	5.5–6.0	MD21-01-0154	D	ND	3.0	0	485	HA	Tuff, Qbt 3	Wet to moist IA detect at 40 ppm	SAA	SAA
21-11253	8.0–8.5	MD21-01-0155	ND	ND	0.5	0	518	HA	Tuff, Qbt 3	TD at 8.5 ft	SAA	SAA
21-11254	1.5–2.0	MD21-01-0156	D	D	1.5	0	420	HA	Silty Sandy	At surface, location is situated immediately east of the inferred trace of fracture 93 IA detects at 40 ppm and 160 ppm	To define extent in western portion of eastern seep area in area of pools and channel widening; adjacent to FY00 location 21-11183	At western end of eastern seep area approximately 15 south of main channel on low bank near area of pools and channel widening

Table K-3 (continued)

Location ID	Sample Begin and End Depth (ft)	Sample ID	Immunoassay Field Screening Results (weathered diesel) (40 ppm)	Immunoassay Field Screening Results (weathered diesel) (160 ppm)	PID Reading (ppm)	Alpha (dpm)	Beta/Gamma (dpm)	Location Type	Sample Matrix	Collection Rationale and Observations	Purpose	Site Description
21-11254	2.8–3.5	MD21-01-0157	D	D	5.0	0	420	HA	Tuff, Qbt 3	Odor, IA detects at 40 ppm and 160 ppm	SAA	SAA
21-11254	4.5–5.0	MD21-01-0158	D	D	2.0	0	411	HA	Tuff, Qbt 3	Diesel odor, IA detects at 40 ppm and 160 ppm	SAA	SAA
21-11254	5.5–6.0	MD21-01-0159	ND	ND	0.5	0	448	HA	Tuff, Qbt 3	TD at 6.0 ft	SAA	SAA
21-11255	1.5–2.0	NS	ND	ND	1.2	0	609	HA	Tuff, Qbt 3	At surface, location is approximately 10 ft east of inferred trace of fracture 104 1.5–2.0 ft - NS	To define northern extent in canyon; adjacent to FY00 location 21-11184	On northern bank approximately 13 ft from stream channel, near the eastern end of eastern seep area
21-11255	3.5–4.0	NS	ND	ND	0.6	0	477	HA	Tuff, Qbt 3	NS	SAA	SAA
21-11255	5.5–6.0	NS	ND	ND	0.6	0	502	HA	Tuff, Qbt 3	NS	SAA	SAA
21-11255	7.5–8.0	NS	ND	ND	0.7	0	633	HA	Tuff, Qbt 3	NS	SAA	SAA
21-11255	9.5–10.0	MD21-01-0160	D	D	10.0	0	411	HA	Tuff, Qbt 3	Diesel odor, moist to wet, IA detects at 40 ppm and 160 ppm	SAA	SAA
21-11255	11.5–12.0	MD21-01-0161	D	D	10.0	0	485	HA	Tuff, Qbt 3	Diesel odor, moist, IA detects at 40 ppm and 160 ppm	SAA	SAA
21-11255	13.6–14.0	NS	ND	ND	4.0	0	559	HA	Tuff, Qbt 3	Diesel odor	SAA	SAA
21-11255	15.8–16.8	MD21-01-0162	ND	ND	1.6	0	551	HA	Tuff, Qbt 3	TD at 16.8 ft	SAA	SAA

Table K-3 (continued)

Location ID	Sample Begin and End Depth (ft)	Sample ID	Immunoassay Field Screening Results (weathered diesel) (40 ppm)	Immunoassay Field Screening Results (weathered diesel) (160 ppm)	PID Reading (ppm)	Alpha (dpm)	Beta/Gamma (dpm)	Location Type	Sample Matrix	Collection Rationale and Observations	Purpose	Site Description
21-11256	1.8–2.1	MD21-01-0163	D	ND	1.0	0	391	HA	Sandy Silt to Sandy Silt	At surface, location is approximately 2 ft east of inferred trace of fracture 105, and approximately 2 ft west of inferred trace of fracture 104 1.8–2.1 ft - IA detect at 40 ppm	To define northern extent in canyon; adjacent to FY00 location 21-11180	On northern bank approximately 10 ft from stream channel, near the eastern end of the eastern seep area
21-11256	3.5–4.0	MD21-01-0164	D	ND	0.2	0	465	HA	Tuff, Qbt 3	IA detect at 40 ppm	SAA	SAA
21-11256	5.5–6.0	MD21-01-0165	D	D	20.0	0	407	HA	Tuff, Qbt 3	Diesel odor, wet, IA detects at 40 ppm and 160 ppm	SAA	SAA
21-11256	10.0–10.8	MD21-01-0168	ND	ND	0.6	0	350	HA	Tuff, Qbt 3	TD at 10.75 ft	SAA	SAA
21-11257	1.5–2.0	MD21-01-0166	D	D	1.8	0	477	HA	Tuff, Qbt 3	At surface, location is approximately 5 ft east of inferred trace of fracture 93 and 8 ft west of inferred trace of fracture 103 IA detects at 40 ppm and 160 ppm	To define extent on southern bank of stream channel in the western end of the eastern seep area; adjacent to FY00 location 21-11176	Approximately 10 ft from the stream channel near area of channel widening and pooling
21-11257	3.5–4.0	MD21-01-0167	D	D	3.6	0	378	HA	Tuff, Qbt 3	Diesel odor, saturated, IA detects at 40 ppm and 160 ppm	SAA	SAA
21-11257	7.0–8.0	MD21-01-0169	ND	ND	1.2	0	457	HA	Tuff, Qbt 3	Damp to moist; TD at 8.0 ft	SAA	SAA

Table K-3 (continued)

Location ID	Sample Begin and End Depth (ft)	Sample ID	Immunoassay Field Screening Results (weathered diesel) (40 ppm)	Immunoassay Field Screening Results (weathered diesel) (160 ppm)	PID Reading (ppm)	Alpha (dpm)	Beta/Gamma (dpm)	Location Type	Sample Matrix	Collection Rationale and Observations	Purpose	Site Description
21-11258	1.5–2.0	MD21-01-0170	D	D	0.0	0	461	HA	Sandy Silt	At surface, location is 14 ft east of inferred trace of fracture 105 1.5–2.0 ft - peat-like; IA detects at 40 ppm and 160 ppm	To define extent on southern bank of stream channel in the eastern end of the eastern seep area; adjacent to FY00 location 21-11185	Approximately 18 ft south of the stream channel on the eastern edge of the eastern seep area
21-11258	3.5–4.0	MD21-01-0171	D	D	0.4	0	477	HA	Tuff	Damp, IA detects at 40 ppm and 160 ppm	SAA	SAA
21-11258	5.5–6.0	MD21-01-0172	D	D	1.0	0	428	HA	Tuff	Moist, IA detects at 40 ppm and 160 ppm	SAA	SAA
21-11258	7.5–8.0	MD21-01-0173	D	ND	3.0	0	370	HA	Tuff, Qbt 3	Odor, wet, IA detect at 40 ppm	SAA	SAA
21-11258	9.5–10.0	MD21-01-0174	D	D	1.0	0	378	HA	Tuff, Qbt 3	Diesel and sewage odor, saturated, IA detects at 40 ppm and 160 ppm	SAA	SAA
21-11258	14.3–14.7	MD21-01-0175	D	D	0.2	0	420	HA	Tuff, Qbt 3	Moist, IA detects at 40 ppm and 160 ppm	SAA	SAA
21-11258	15.5–16.0	MD21-01-0176	D	D	0.0	0	498	HA	Tuff, Qbt 3	IA detects at 40 ppm and 160 ppm	SAA	SAA
21-11258	17.0–18.0	MD21-01-0177	D	ND	0.0	0	407	HA	Tuff, Qbt 3	IA detect at 40 ppm	SAA	SAA
21-11258	18.8–19.8	MD21-01-0178	ND	ND	0.0	0	348	HA	Tuff, Qbt 3	TD at 19.8 ft	SAA	SAA

Table K-3 (continued)

Location ID	Sample Begin and End Depth (ft)	Sample ID	Immunoassay Field Screening Results (weathered diesel) (40 ppm)	Immunoassay Field Screening Results (weathered diesel) (160 ppm)	PID Reading (ppm)	Alpha (dpm)	Beta/Gamma (dpm)	Location Type	Sample Matrix	Collection Rationale and Observations	Purpose	Site Description
21-11259	1.5–2.0	NS	ND	ND	2.0	0	452	HA	Sandy Silt	At surface, location is approximately 2 ft west of inferred trace of fracture 104 NS	To define extent on southern bank of stream channel in the eastern end of the eastern seep area; adjacent to FY00 location 21-11182	Approximately 8 ft south of the stream channel at the eastern edge of the eastern seep area
21-11259	3.5–3.8	NS	ND	ND	1.0	0	424	HA	Tuff, Qbt 3	NS	SAA	SAA
21-11259	5.5–6.0	MD21-01-0179	D	D	40.0	0	403	HA	Tuff, Qbt 3	Diesel odor, wet, IA detects at 40 ppm and 160 ppm	SAA	SAA
21-11259	12.0–12.7	MD21-01-0180	ND	ND	1.0	0	403	HA	Tuff, Qbt 3	Diesel odor, damp to moist	SAA	SAA
21-11259	13.5–14.0	NS	ND	ND	1.6	0	518	HA	Tuff, Qbt 3	NS	SAA	SAA
21-11259	14.0–15.3	MD21-01-0181	ND	ND	1.0	0	399	HA	Tuff, Qbt 3	TD at 15.3 ft	SAA	SAA
21-11260	1.5–2.0	NS	ND	ND	0.6	0	374	HA	Silty Sand	At surface, location is approximately 6 ft east of inferred trace of fracture 103 1.5–2.0 ft - NS	To define extent on southern bank in central portion of the eastern seep area; adjacent to FY00 location 21-11177	On southern bank, approximately 5 ft from the stream channel in the central portion of the eastern seep area
21-11260	3.5–4.0	NS	ND	ND	0.6	0	465	HA	Tuff, Qbt 3	NS, staining, oxidation, damp to moist	SAA	SAA
21-11260	5.5–6.0	MD21-01-0182	D	ND	0.6	0	448	HA	Tuff, Qbt 3	IA detect at 40 ppm	SAA	SAA
21-11260	7.5–8.0	NS	ND	ND	0.6	0	457	HA	Tuff, Qbt 3	NS	SAA	SAA
21-11260	9.5–10.0	MD21-01-0183	ND	ND	0.6	0	333	HA	Tuff, Qbt 3	TD at 10.0 ft	SAA	SAA

Table K-3 (continued)

Location ID	Sample Begin and End Depth (ft)	Sample ID	Immunoassay Field Screening Results (weathered diesel) (40 ppm)	Immunoassay Field Screening Results (weathered diesel) (160 ppm)	PID Reading (ppm)	Alpha (dpm)	Beta/Gamma (dpm)	Location Type	Sample Matrix	Collection Rationale and Observations	Purpose	Site Description
21-11261	1.5–2.0	MD21-01-0184	D	D	7.0	0	395	HA	Gravelly sand	At surface, location is approximately 10 ft west of inferred trace of fracture 95 1.5– 2.0 ft- odor, saturated, sheen, IA detects at 40 ppm and 160 ppm	To define eastern extent in stream channel; adjacent to FY00 location 21-11178	At eastern edge of eastern seep area in a channel pooling area immediately below a drop in stream channel elevation
21-11261	7.8–8.4	NS	ND	ND	1.2	0	325	HA	Tuff, Qbt 3	NS, odor	SAA	SAA
21-11261	9.5–10.0	MD21-01-0185	ND	ND	0.6	0	403	HA	Tuff, Qbt 3	TD at 10.0 ft	SAA	SAA

Appendix L

Geologic Cross Sections

APPENDIX L GEOLOGIC CROSS SECTIONS

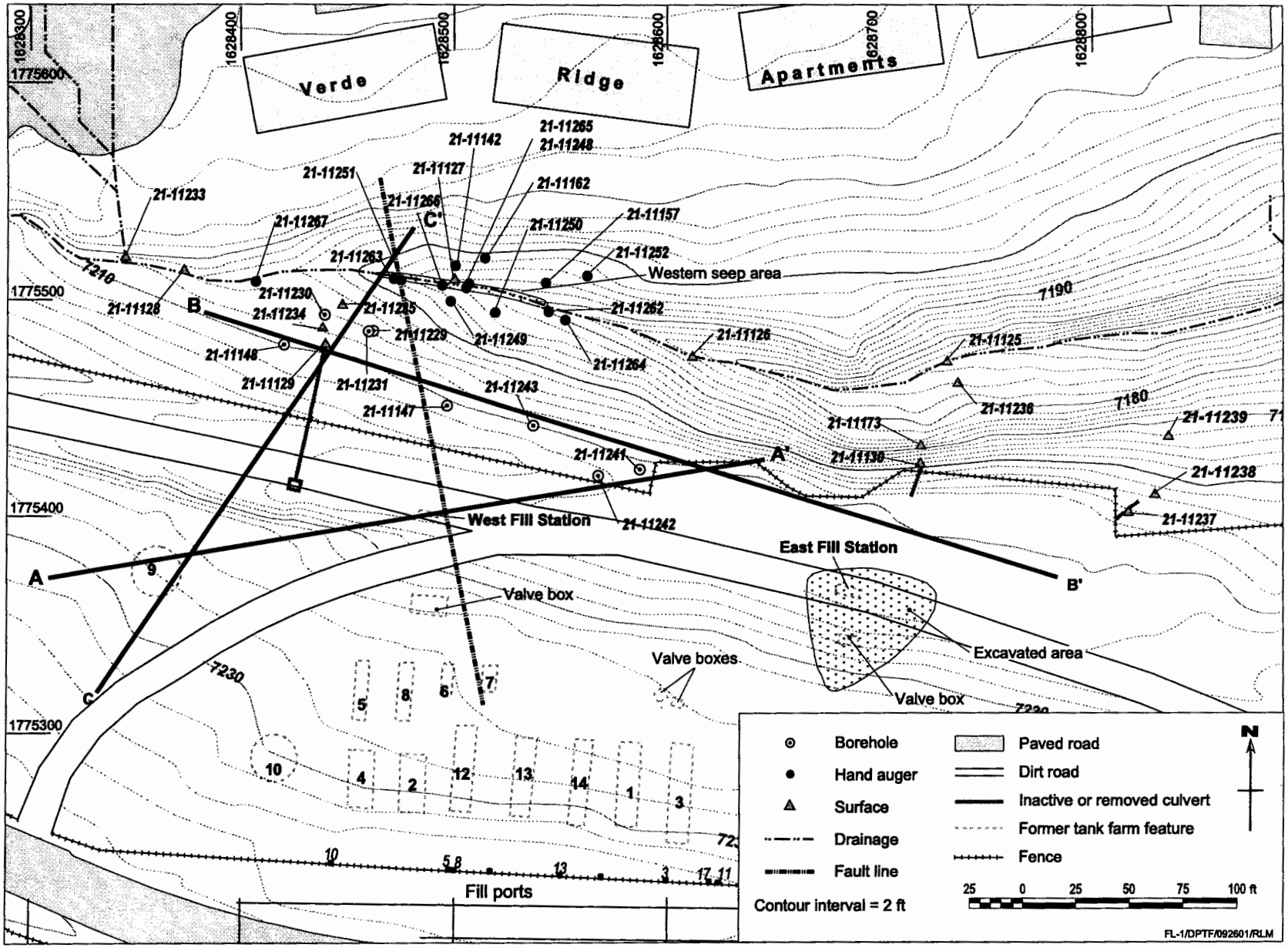
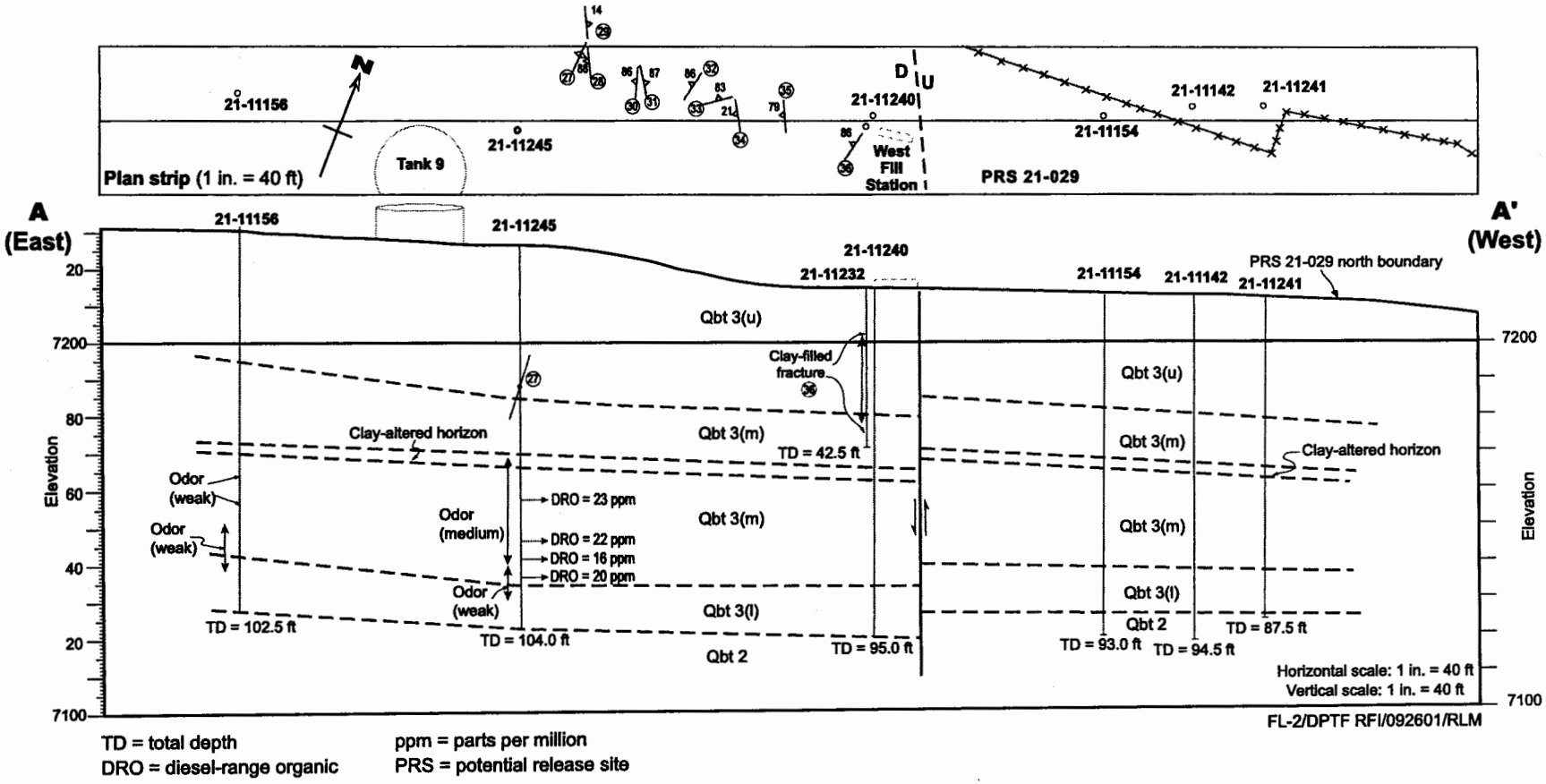
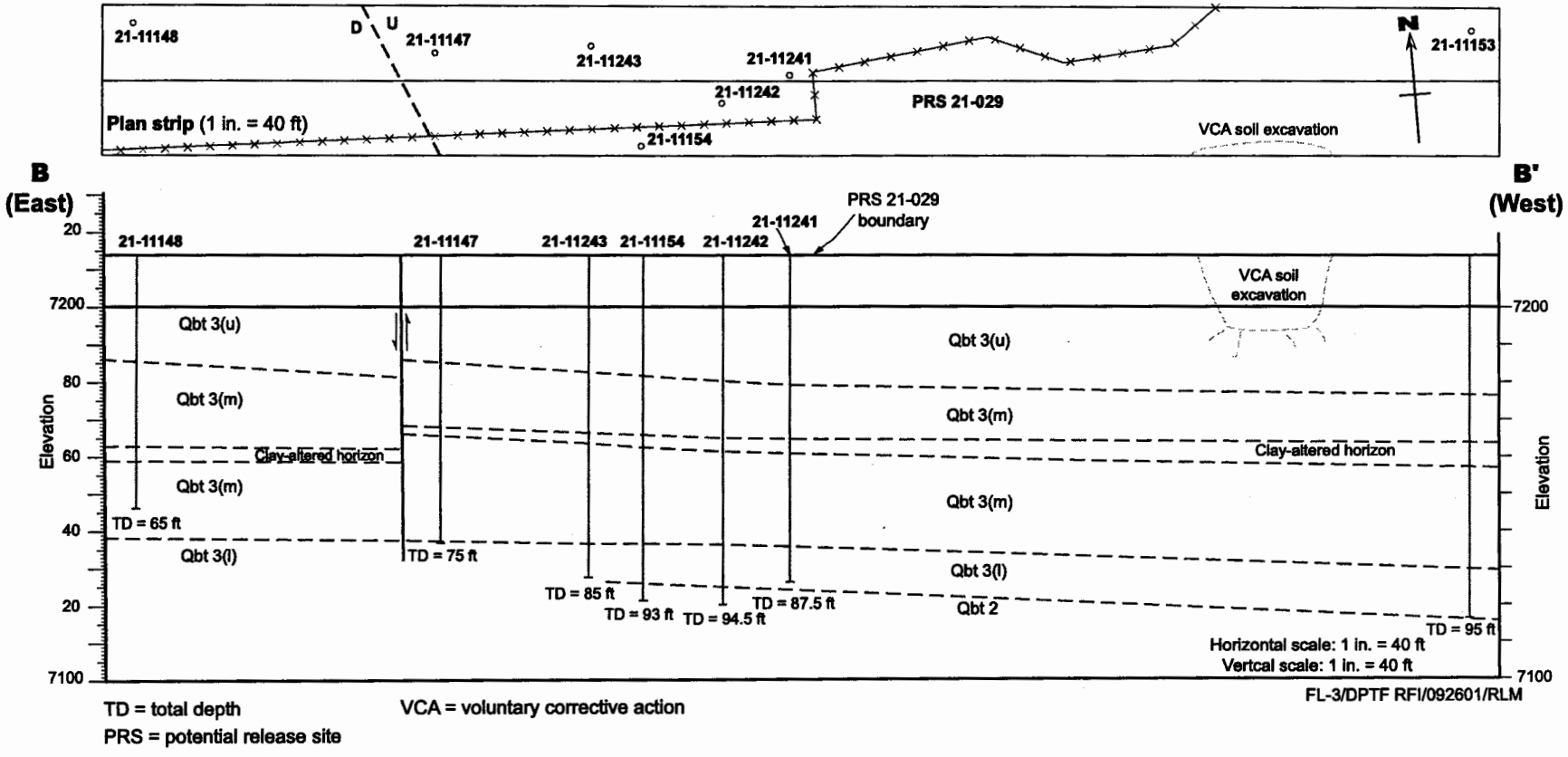


Figure L-1. Plan view showing cross section locations, DP Tank Farm



TD = total depth
DRO = diesel-range organic
ppm = parts per million
PRS = potential release site

Figure L-2. DP Tank Farm cross section A - A'



TD = total depth
PRS = potential release site
VCA = voluntary corrective action

Figure L-3. DP Tank Farm cross section B - B'

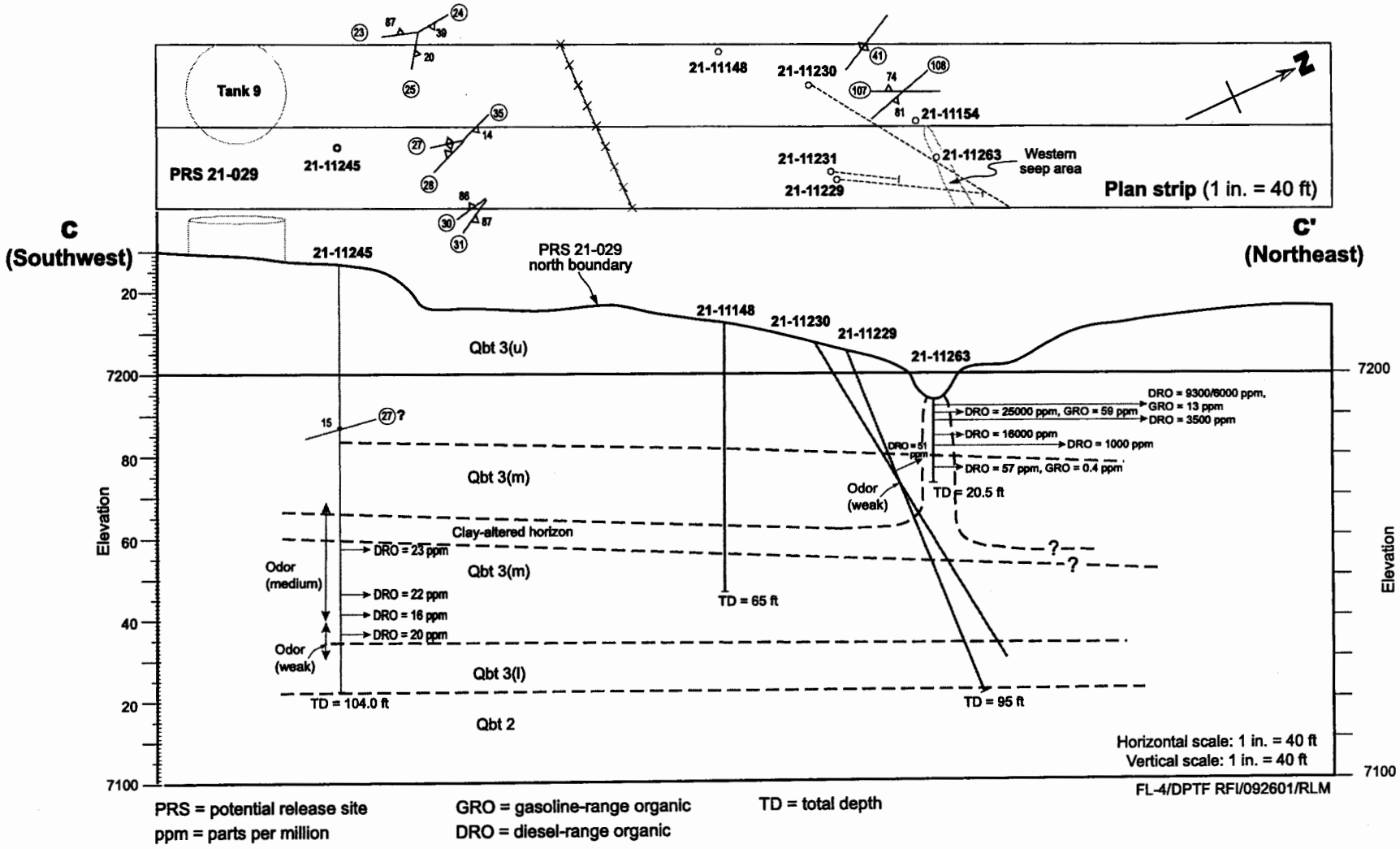
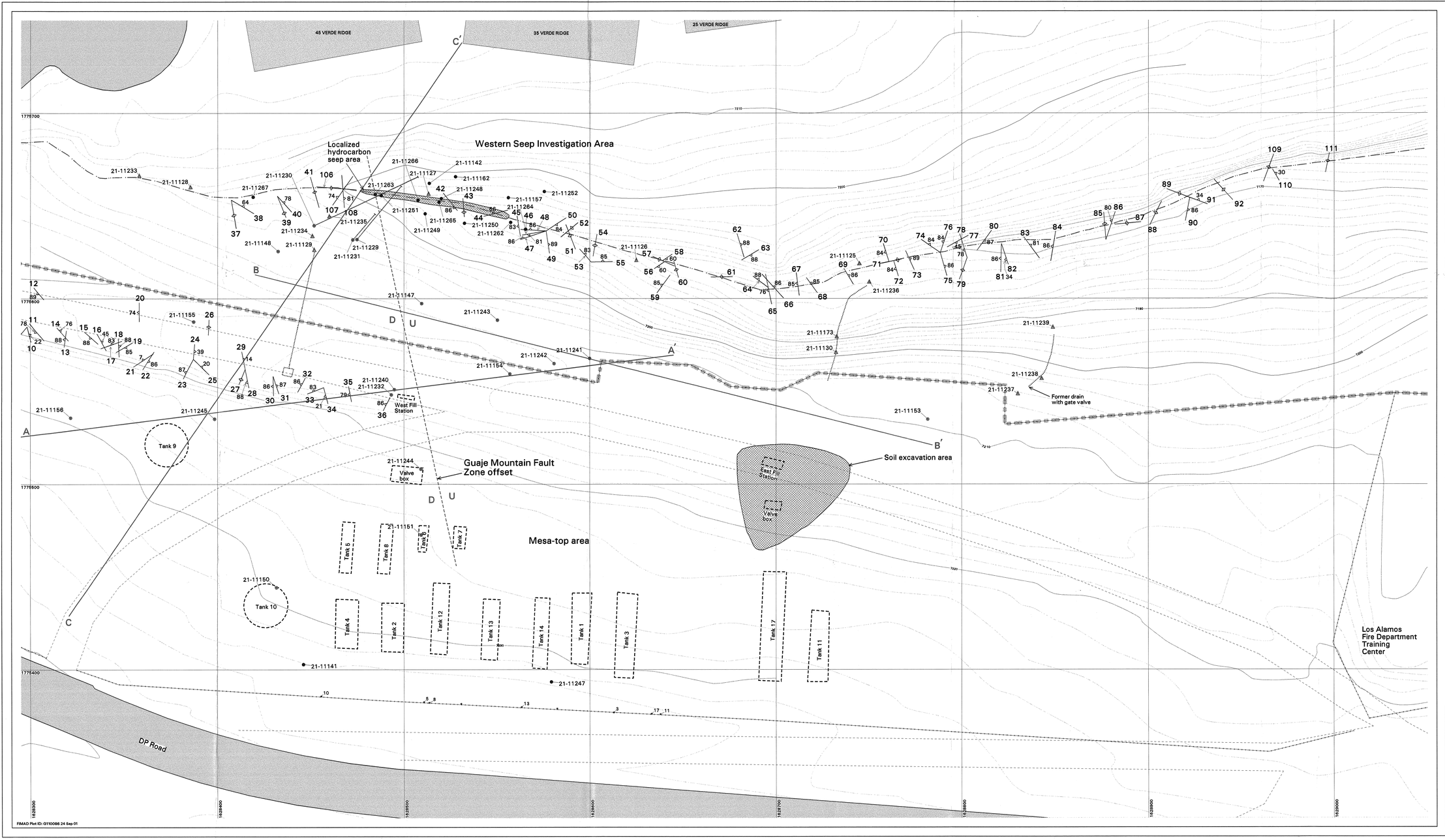


Figure L-4. **DP Tank Farm cross section C - C'**

Figure L-5. DP Tank Farm fracture map, Western Seep Investigation and Mesa-Top Investigation Areas



LEGEND

- Boundary between Western Seep Investigation and Mesa-Top Investigation Areas
- Contour, 2 foot
- Contour, 10 foot
- Contour, 100 foot
- Cross-section trace
- Drainage
- Fence
- Former storm drain
- Guaje Mountain Fault Zone offset
- Roads, dirt
- Roads, paved
- Road/trail
- Surface trace of angled borehole
- Building
- Fill ports
- Borehole sample location
- Hand-auger sample location
- Surface sample location

21-11239: FIMAD Location Identity Number

68: Fracture number

86 — Strike and dip of fracture

Strike of vertical fracture

79, 83, 42 — Strike and dip of multiple fractures measured at intersection of strike symbols

10612-A

FACILITY for INFORMATION, MANAGEMENT, ANALYSIS and DISPLAY

EARTH & ENVIRONMENTAL SCIENCES DIVISION (EES-10)
LOS ALAMOS NATIONAL LABORATORY, Los Alamos, New Mexico

Cartography by: Doug Walther
Date: September 24, 2001 FIMAD Plot ID: G110086

N

State Plane Coordinate System, New Mexico Central Zone.
1983 North American Datum

Grid provides NM State Plane coordinates in feet.
Grid interval, in feet: 100
Feet per inch on map = 20

SCALE 1:240

METERS: 0, 6, 12, 18, 24

FEET: 0, 20, 40, 60, 80

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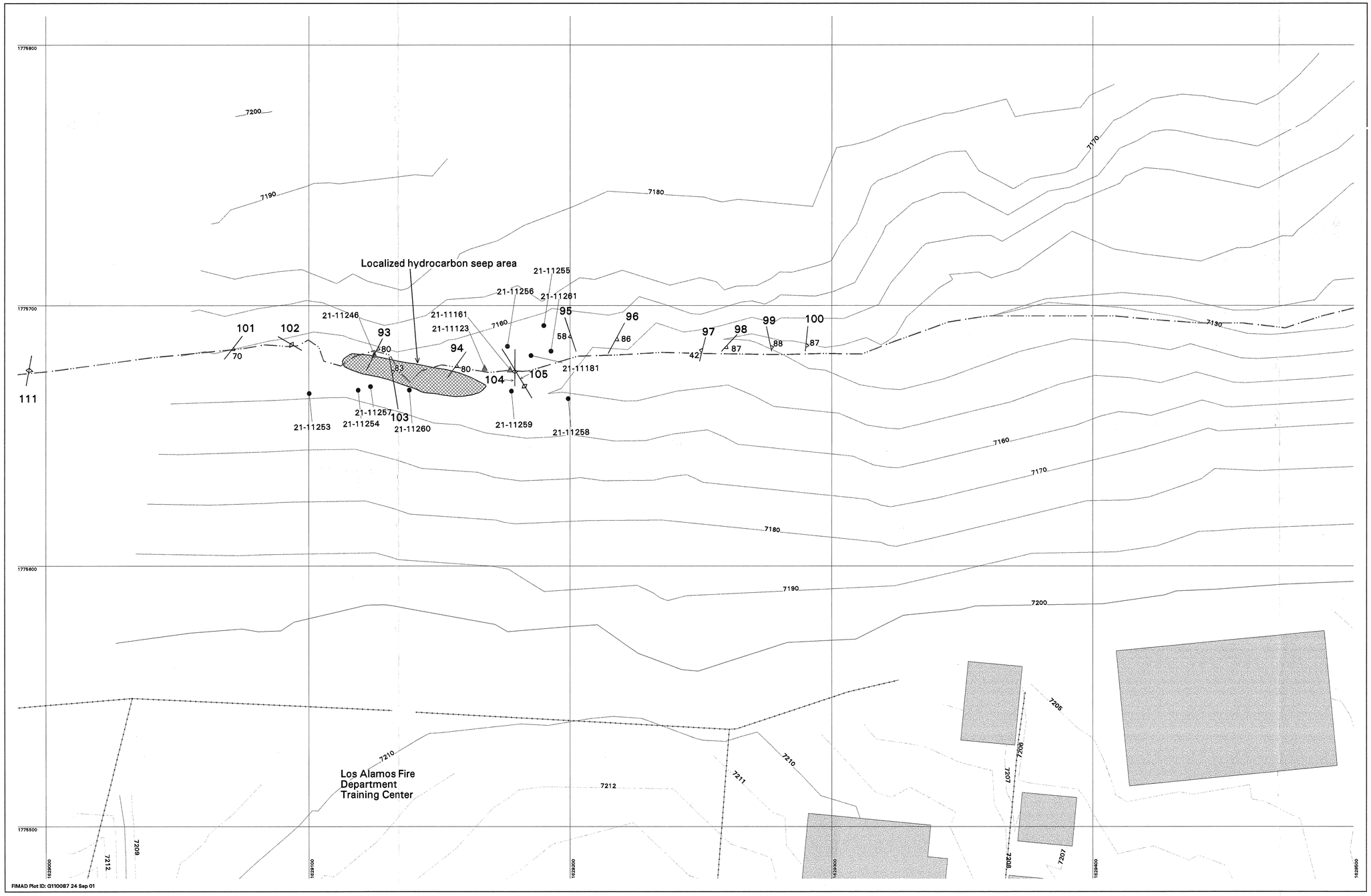
Basemap Source: Boundary, structure, and utility data are from Los Alamos National Laboratory Engineering Division and Los Alamos County Utility and Engineering Departments. Contour data is from Los Alamos National Laboratory Environmental Restoration Program aerial survey, September 1991.

Figure L-6. DP Tank Farm fracture map, Eastern Seep Investigation Area



LEGEND

- Contour, 1 foot
- Contour, 10 foot
- Contour, 100 foot
- Drainage
- Fence
- Building
- Borehole sample location
- Hand-auger sample location
- Surface sample location

21-11239: FIMAD Location Identity Number

68: Fracture number

86 Strike and dip of fracture

Strike of vertical fracture

79 83 42 Strike and dip of multiple fractures measured at intersection of strike symbols

10612-B

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EARTH & ENVIRONMENTAL SCIENCES DIVISION (EES-10)

LOS ALAMOS NATIONAL LABORATORY, Los Alamos, New Mexico

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N

State Plane Coordinate System, New Mexico Central Zone.
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Grid provides NM State Plane coordinates in feet.
Grid interval, in feet: 100
Feet per inch on map = 20

SCALE 1:240

0 6 12 18 24

METERS

0 20 40 60 80

FEET

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Basemap Sources: Topography, structure, and drainage channel data supplied by Johnson Controls Northern New Mexico